

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043024.D
 Acq On : 14 Aug 2024 12:07
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

Quant Time: Aug 14 14:00:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 13:56:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	122900	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	224676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32822	20.324	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.640%	#	
35) Dibromofluoromethane	5.385	113	27654	19.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.800%	#	
50) Toluene-d8	8.647	98	106279	19.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.620%	#	
62) 4-Bromofluorobenzene	11.079	95	37177	19.109	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.220%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25854	20.807	ug/l	95
3) Chloromethane	1.300	50	39544	21.499	ug/l	91
4) Vinyl Chloride	1.374	62	39851	21.571	ug/l	100
5) Bromomethane	1.599	94	11533	20.602	ug/l	100
6) Chloroethane	1.666	64	13553	23.276	ug/l	96
7) Trichlorofluoromethane	1.873	101	45827	23.724	ug/l	99
8) Diethyl Ether	2.136	74	18968	21.226	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	29740	21.528	ug/l	99
10) Methyl Iodide	2.447	142	31057	20.046	ug/l	# 85
11) Tert butyl alcohol	2.995	59	42461	101.688	ug/l	# 93
12) 1,1-Dichloroethene	2.312	96	32567	21.969	ug/l	85
13) Acrolein	2.245	56	36942	87.701	ug/l	100
14) Allyl chloride	2.660	41	61605	22.173	ug/l	88
15) Acrylonitrile	3.074	53	112760	109.263	ug/l	97
16) Acetone	2.392	43	82550	103.063	ug/l	# 89
17) Carbon Disulfide	2.501	76	91099	21.429	ug/l	99
18) Methyl Acetate	2.709	43	56405	21.310	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	107382	21.493	ug/l	98
20) Methylene Chloride	2.788	84	38452	20.760	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	33252	21.509	ug/l	90
22) Diisopropyl ether	3.769	45	121946	21.494	ug/l	93
23) Vinyl Acetate	3.727	43	732343	110.723	ug/l	98
24) 1,1-Dichloroethane	3.605	63	62368	21.796	ug/l	97
25) 2-Butanone	4.568	43	152566	108.657	ug/l	97
26) 2,2-Dichloropropane	4.471	77	49610	21.763	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	40351	21.624	ug/l	90
28) Bromochloromethane	4.903	49	26768	20.678	ug/l	99
29) Tetrahydrofuran	5.019	42	103859	106.720	ug/l	99
30) Chloroform	5.092	83	58837	21.405	ug/l	97
31) Cyclohexane	5.464	56	57365	21.315	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	49704	21.660	ug/l	98
36) 1,1-Dichloropropene	5.690	75	40687	21.071	ug/l	95
37) Ethyl Acetate	4.721	43	59587	21.906	ug/l	98
38) Carbon Tetrachloride	5.672	117	42029	21.526	ug/l	98
39) Methylcyclohexane	7.379	83	57696	21.582	ug/l	95
40) Benzene	6.037	78	142698	21.692	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	31338	21.860	ug/l	92
42) 1,2-Dichloroethane	6.086	62	41817	21.854	ug/l	92
43) Isopropyl Acetate	6.348	43	94676	21.572	ug/l	97
44) Trichloroethene	7.123	130	32350	21.716	ug/l	98
45) 1,2-Dichloropropane	7.433	63	35559	21.965	ug/l	96
46) Dibromomethane	7.580	93	23788	21.490	ug/l	95
47) Bromodichloromethane	7.824	83	46823	21.786	ug/l	99
48) Methyl methacrylate	7.696	41	44116	21.320	ug/l	91
49) 1,4-Dioxane	7.671	88	18582	432.918	ug/l #	74
51) 4-Methyl-2-Pentanone	8.573	43	307174	110.132	ug/l	99
52) Toluene	8.720	92	86328	21.724	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	50243	21.407	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	55364	21.448	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	33430	21.418	ug/l	94
56) Ethyl methacrylate	9.116	69	62126	21.981	ug/l	92
57) 1,3-Dichloropropane	9.311	76	57685	21.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	137475	103.651	ug/l	99
59) 2-Hexanone	9.433	43	235668	109.954	ug/l	95
60) Dibromochloromethane	9.518	129	35729	21.709	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34565	21.959	ug/l	98
64) Tetrachloroethene	9.275	164	26871	21.658	ug/l	95
65) Chlorobenzene	10.079	112	91485	22.058	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30633	21.919	ug/l	97
67) Ethyl Benzene	10.195	91	158409	21.979	ug/l	99
68) m/p-Xylenes	10.299	106	123176	44.444	ug/l	94
69) o-Xylene	10.640	106	62624	22.492	ug/l	93
70) Styrene	10.652	104	104203	22.322	ug/l	95
71) Bromoform	10.799	173	25155	21.673	ug/l #	99
73) Isopropylbenzene	10.963	105	152755	22.310	ug/l	97
74) N-amyl acetate	10.841	43	84442	21.652	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	55769	21.160	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50390m	19.211	ug/l	
77) Bromobenzene	11.201	156	35850	21.795	ug/l	94
78) n-propylbenzene	11.305	91	172918	22.160	ug/l	99
79) 2-Chlorotoluene	11.366	91	105233	21.669	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	125197	22.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19136	20.290	ug/l #	80
82) 4-Chlorotoluene	11.457	91	117457	21.704	ug/l	97
83) tert-Butylbenzene	11.713	119	127200	21.790	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	125541	22.062	ug/l	95
85) sec-Butylbenzene	11.890	105	158048	22.303	ug/l	99
86) p-Isopropyltoluene	12.006	119	127430	22.010	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	64141	21.686	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	65200	21.545	ug/l	98
89) n-Butylbenzene	12.335	91	105822	21.114	ug/l	98
90) Hexachloroethane	12.536	117	24853	21.373	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	66091	22.163	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11392	22.095	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	35152	20.942	ug/l	98
94) Hexachlorobutadiene	13.725	225	13774	21.991	ug/l	98
95) Naphthalene	13.774	128	143743	21.684	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37486	21.835	ug/l	97

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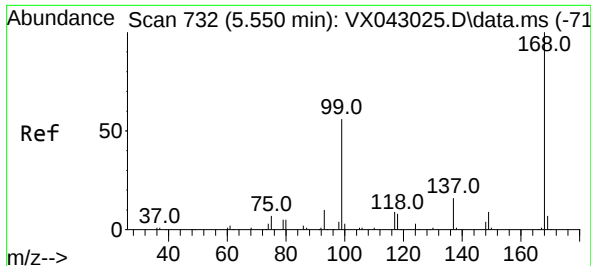
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

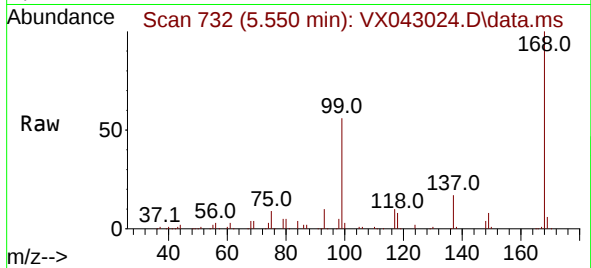
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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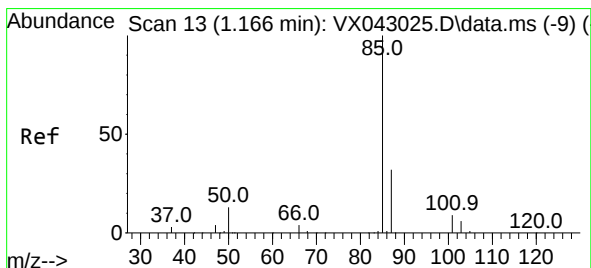
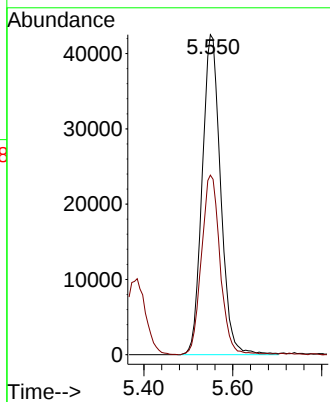
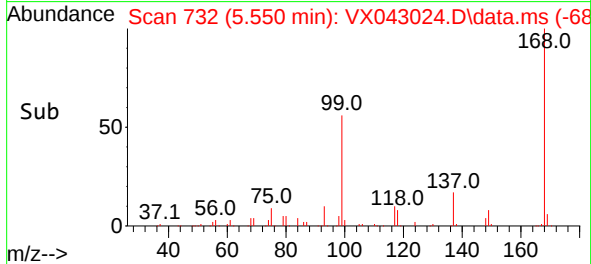
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 122900
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0

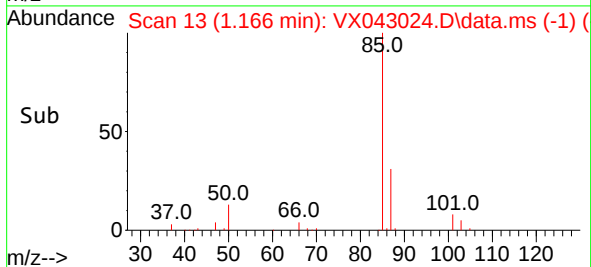
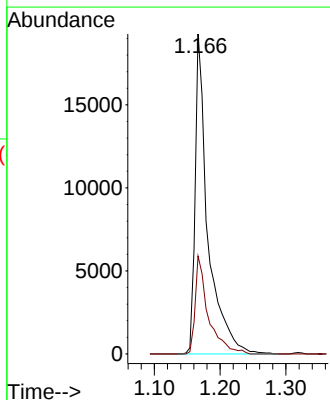
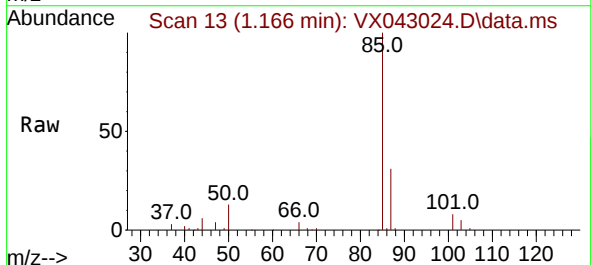
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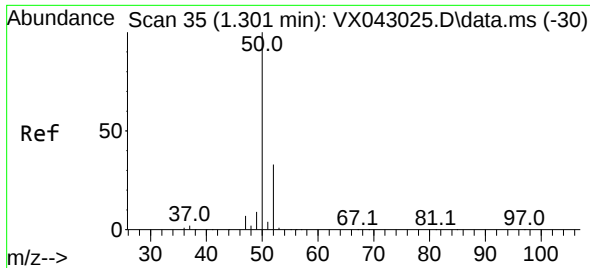
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#2
Dichlorodifluoromethane
Concen: 20.807 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 85 Resp: 25854
Ion Ratio Lower Upper
85 100
87 30.6 16.7 50.1





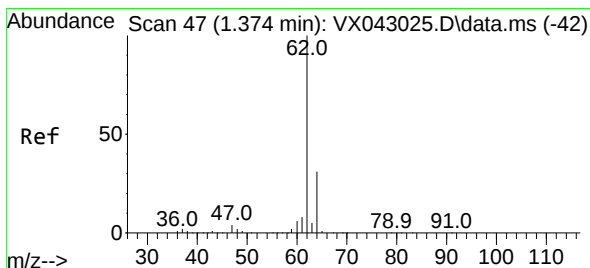
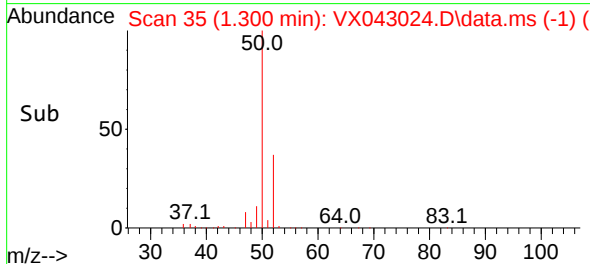
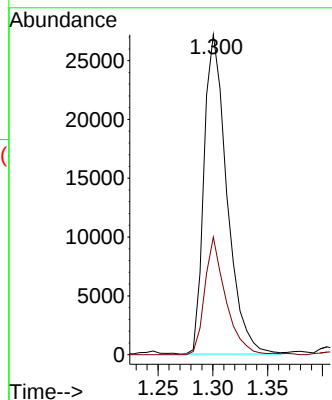
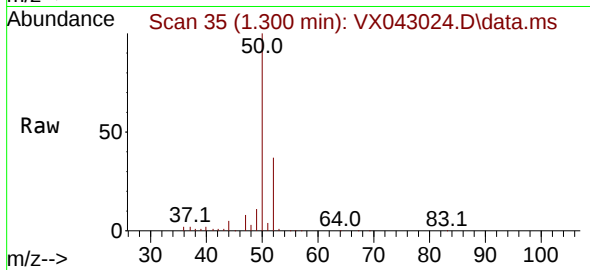
#3
Chloromethane
Concen: 21.499 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 39544
Ion Ratio Lower Upper
50 100
52 36.8 25.5 38.3

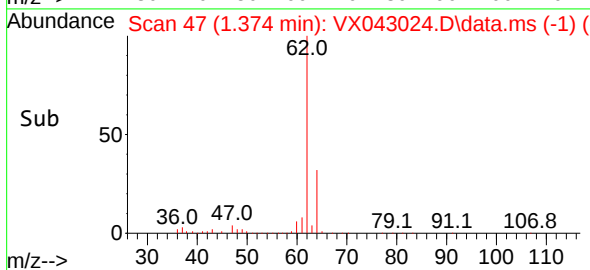
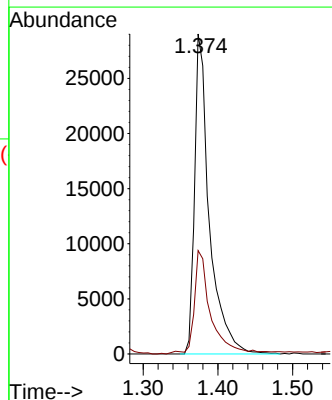
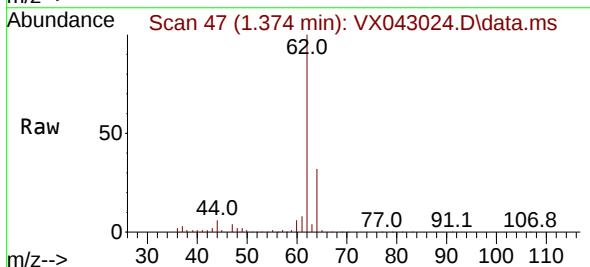
Manual Integrations
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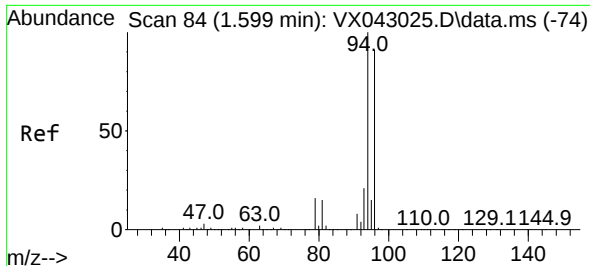
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#4
Vinyl Chloride
Concen: 21.571 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

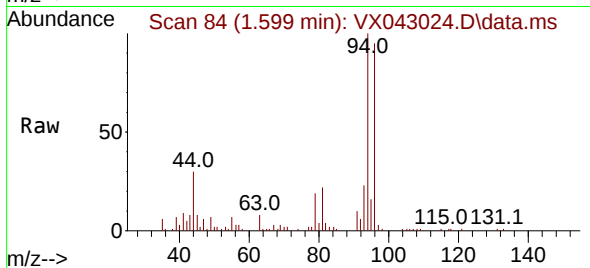
Tgt Ion: 62 Resp: 39851
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 20.602 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

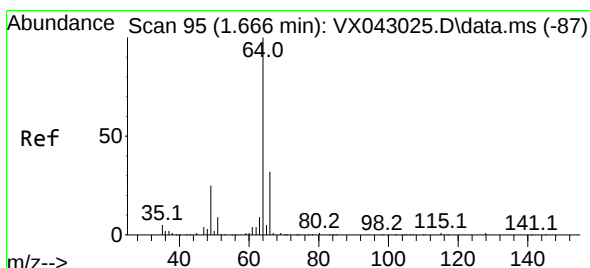
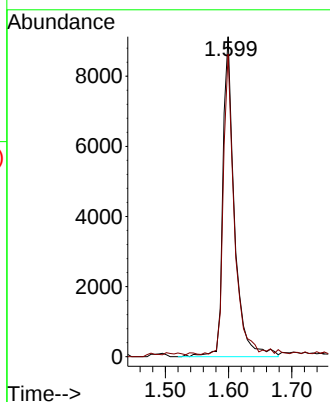
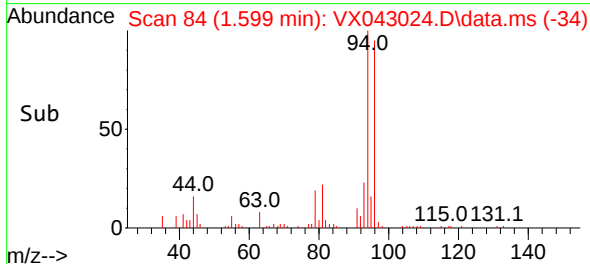
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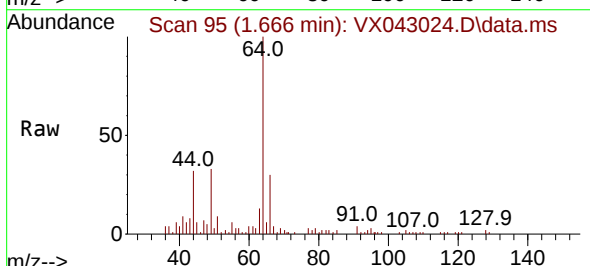
Tgt Ion: 94 Resp: 1153
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

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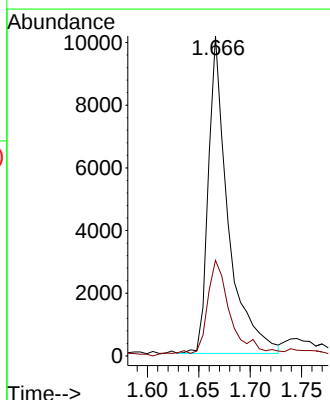
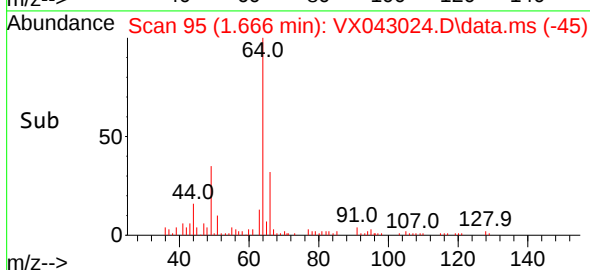
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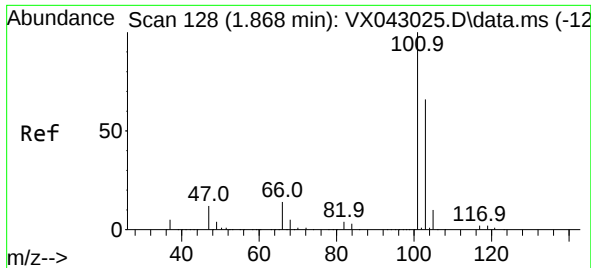


#6
Chloroethane
Concen: 23.276 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07



Tgt Ion: 64 Resp: 13553
Ion Ratio Lower Upper
64 100
66 29.0 25.1 37.7





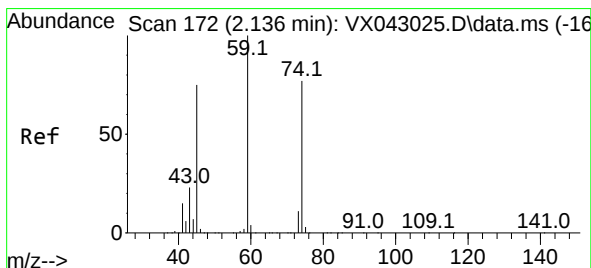
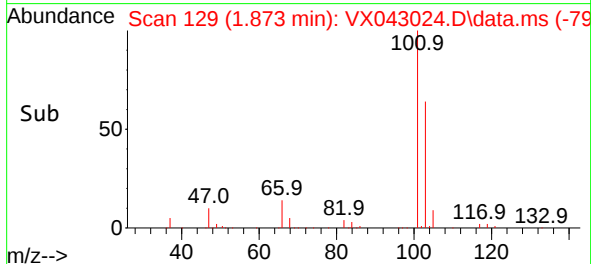
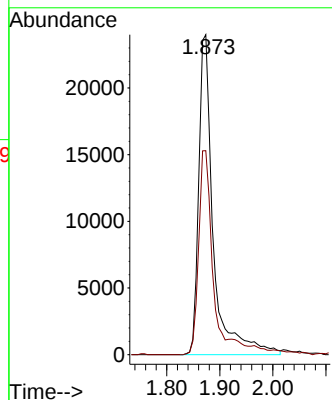
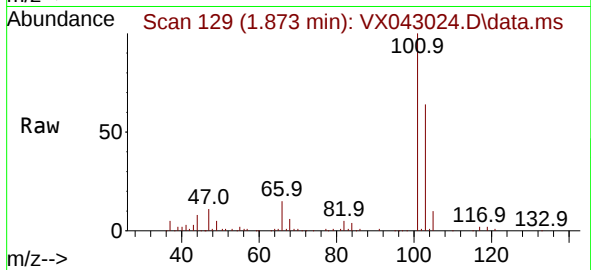
#7
 Trichlorofluoromethane
 Concen: 23.724 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: VX043024.D
 Acq: 14 Aug 2024 12:07

Instrument :
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 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 4582
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

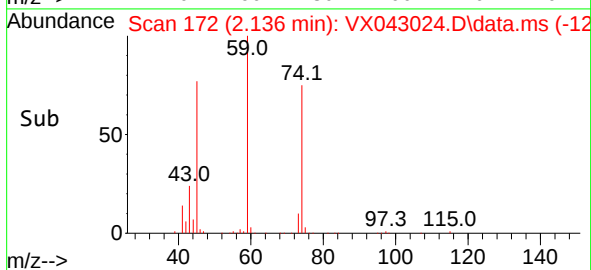
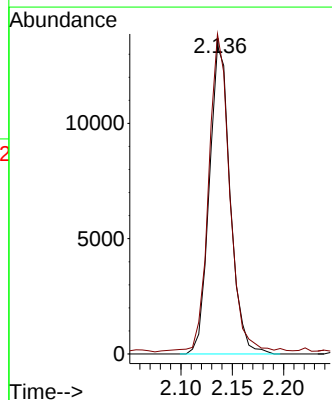
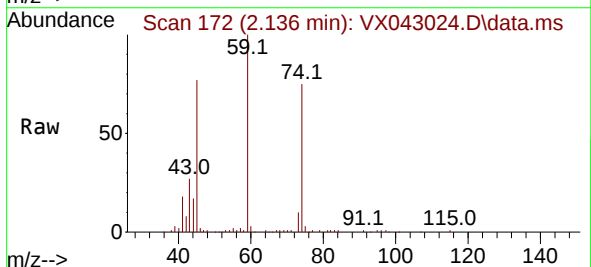
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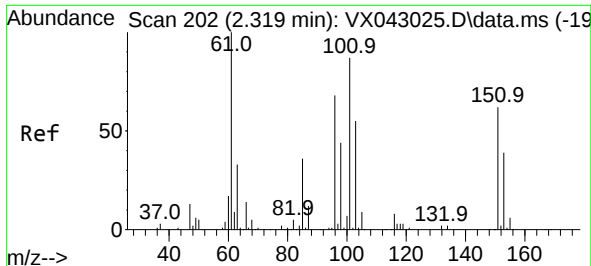
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#8
 Diethyl Ether
 Concen: 21.226 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX043024.D
 Acq: 14 Aug 2024 12:07

Tgt Ion: 74 Resp: 18968
 Ion Ratio Lower Upper
 74 100
 45 104.1 53.3 159.8





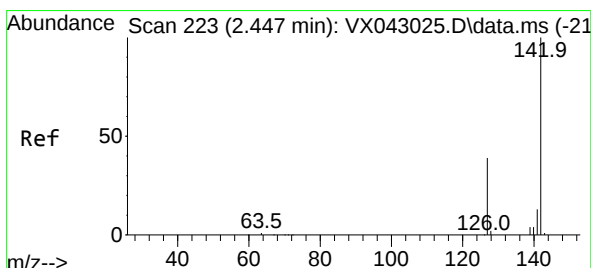
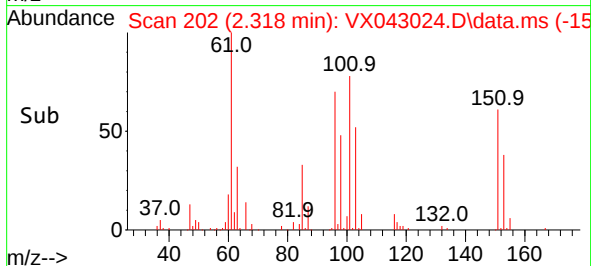
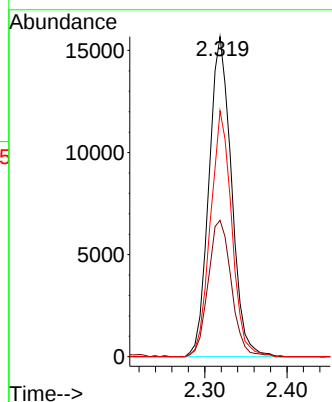
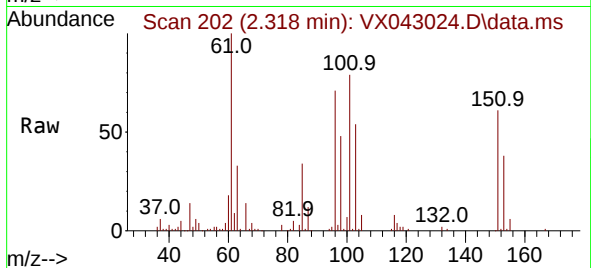
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.528 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.005 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 29740
Ion Ratio Lower Upper
101 100
85 44.1 37.0 55.6
151 73.1 58.6 87.8

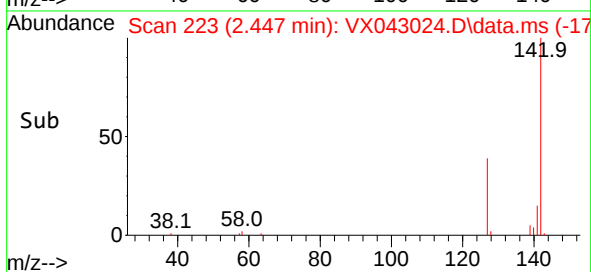
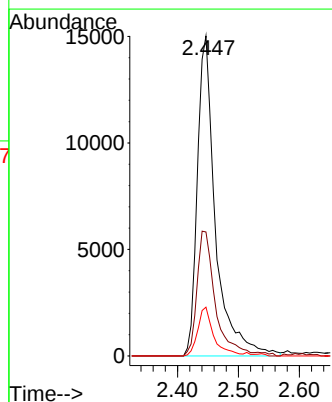
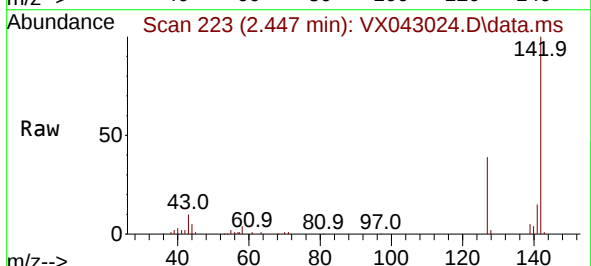
Manual Integrations
APPROVED

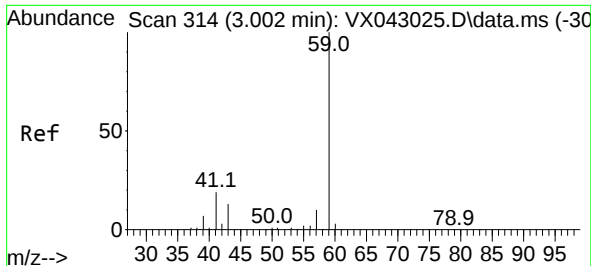
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#10
Methyl Iodide
Concen: 20.046 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion:142 Resp: 31057
Ion Ratio Lower Upper
142 100
127 39.2 41.6 62.4#
141 13.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 101.688 ug/l

RT: 2.995 min Scan# 314

Delta R.T. 0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 4246

Ion Ratio Lower Upper

59 100

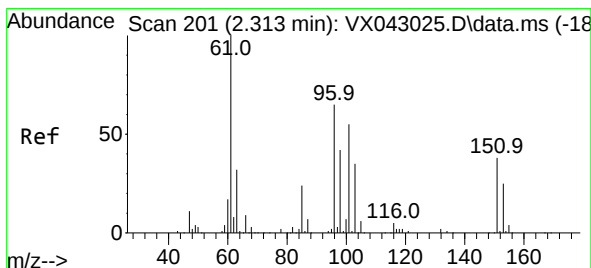
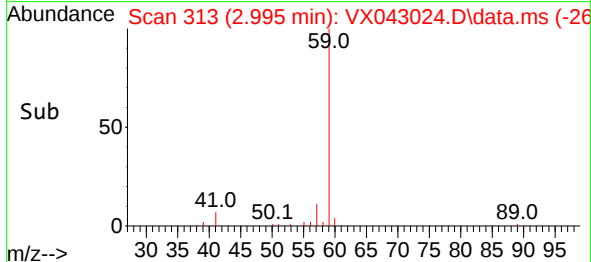
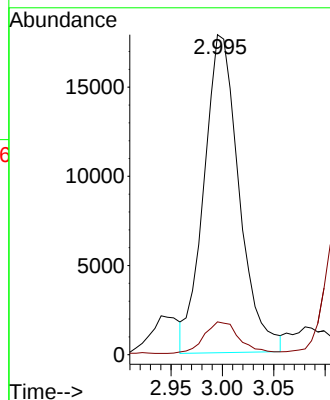
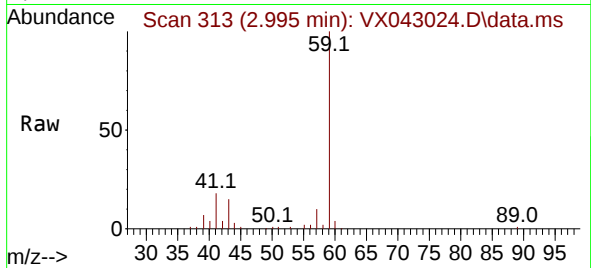
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#12

1,1-Dichloroethene

Concen: 21.969 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.005 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

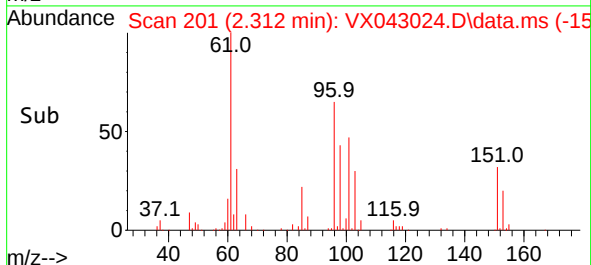
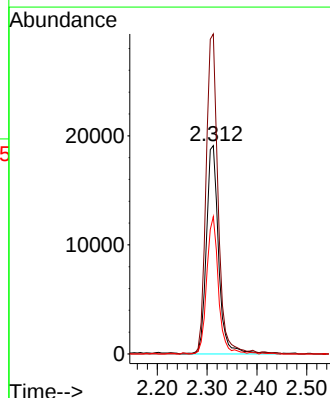
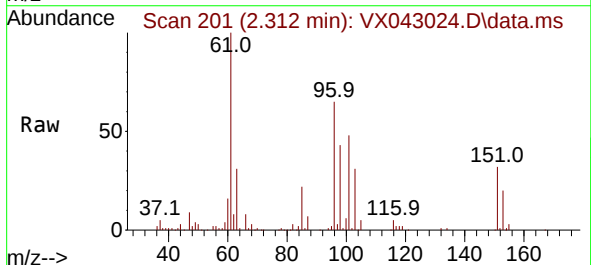
Tgt Ion: 96 Resp: 32567

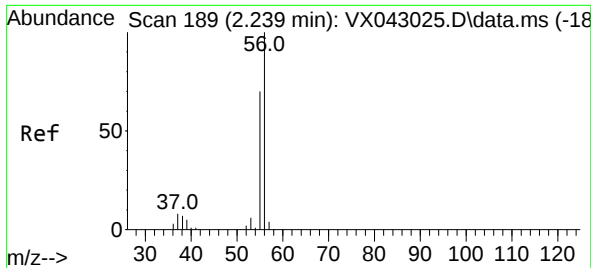
Ion Ratio Lower Upper

96 100

61 153.6 144.6 216.8

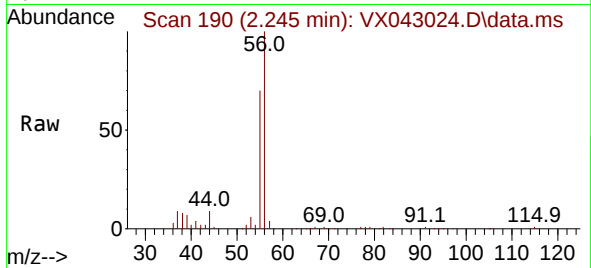
98 65.9 50.4 75.6





#13
Acrolein
Concen: 87.701 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.005 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

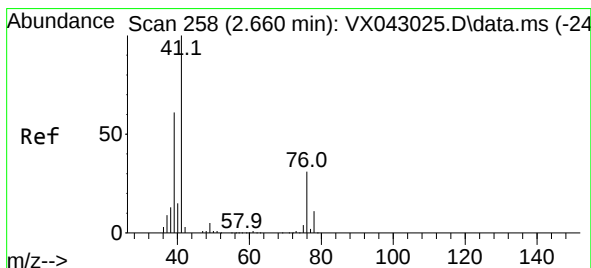
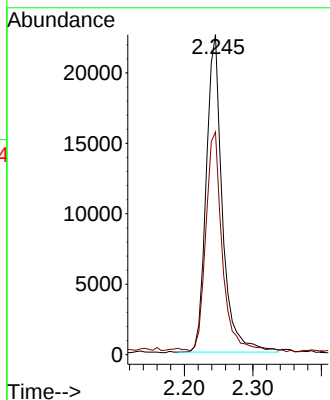
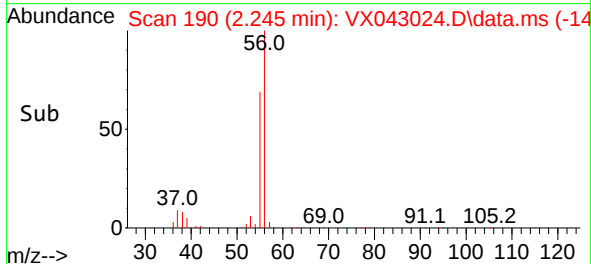
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 3694
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

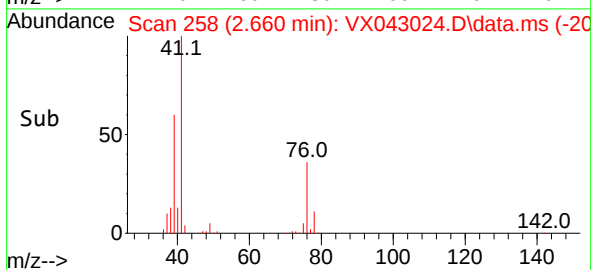
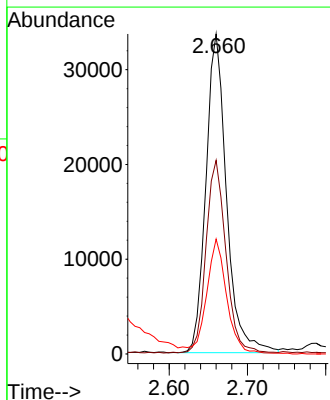
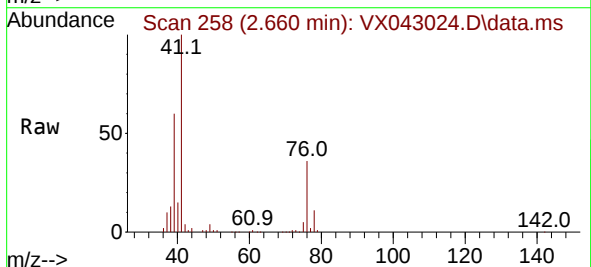
Manual Integrations
APPROVED

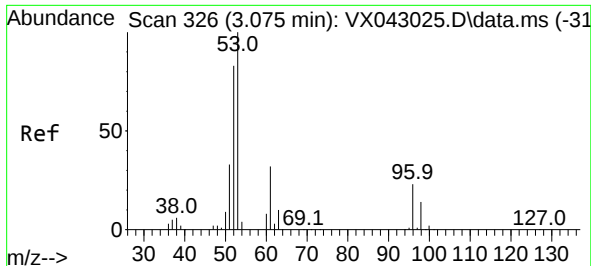
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#14
Allyl chloride
Concen: 22.173 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

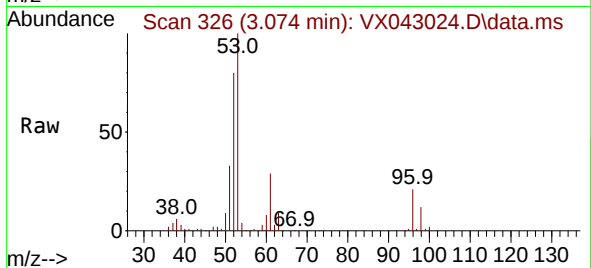
Tgt Ion: 41 Resp: 61605
Ion Ratio Lower Upper
41 100
39 58.3 55.8 83.6
76 35.1 24.3 36.5





#15
Acrylonitrile
Concen: 109.263 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.005 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

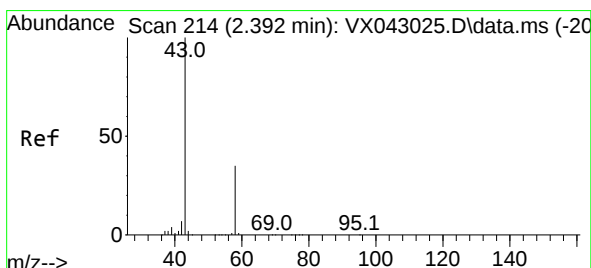
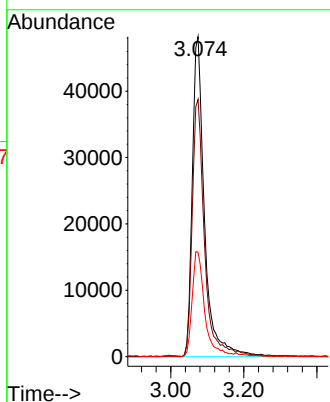
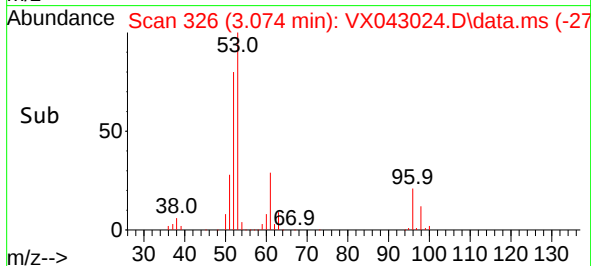
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 112760
Ion Ratio Lower Upper
53 100
52 80.9 66.0 99.0
51 33.6 29.8 44.6

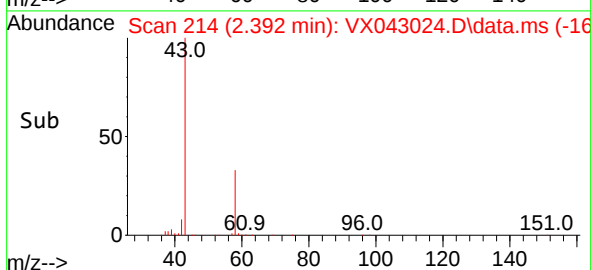
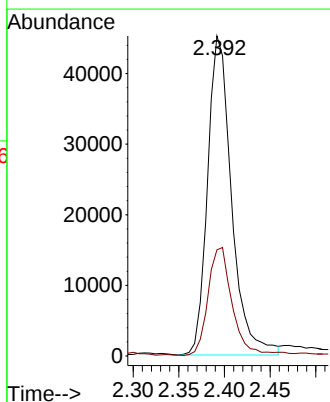
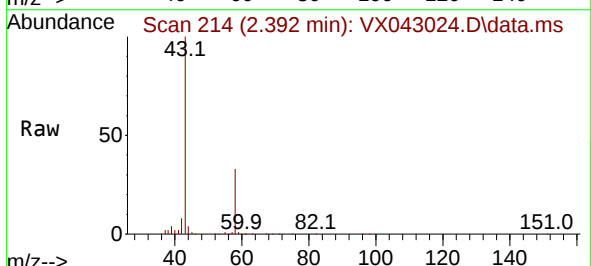
Manual Integrations
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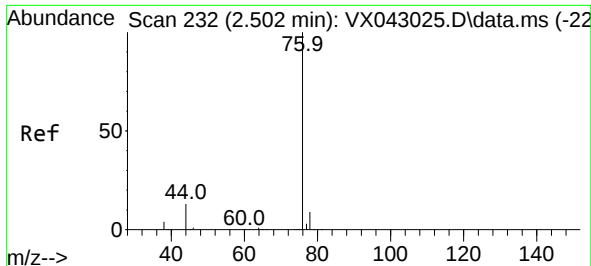
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#16
Acetone
Concen: 103.063 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 43 Resp: 82550
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 21.429 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 91099

Ion Ratio Lower Upper

76 100

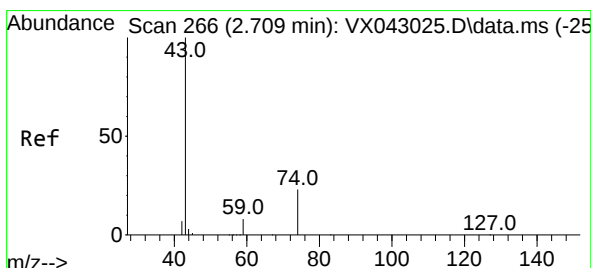
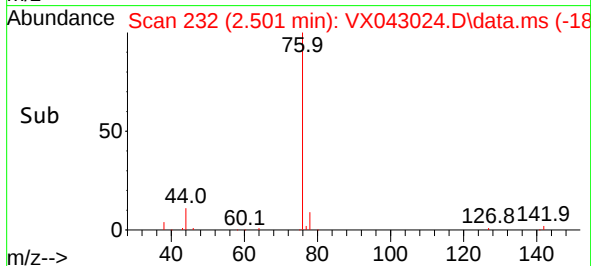
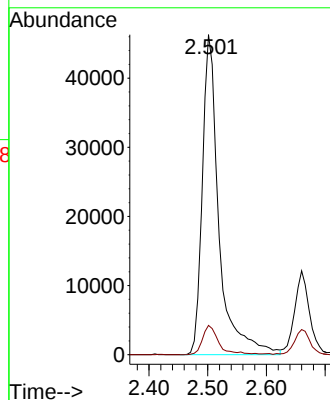
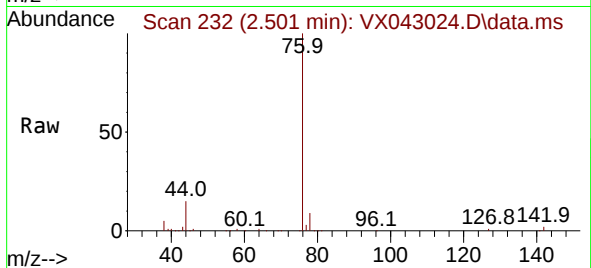
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#18

Methyl Acetate

Concen: 21.310 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX043024.D

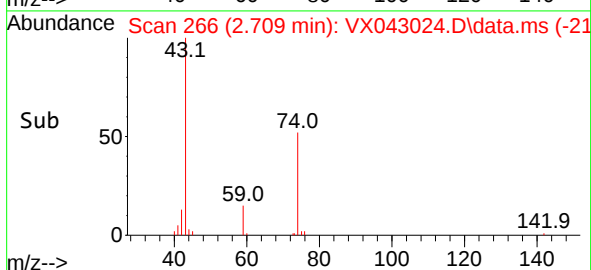
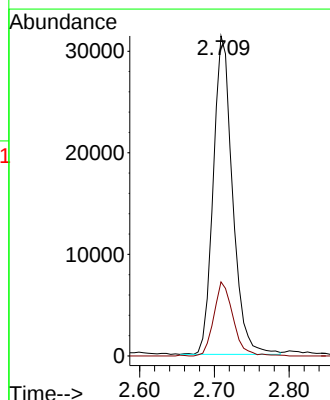
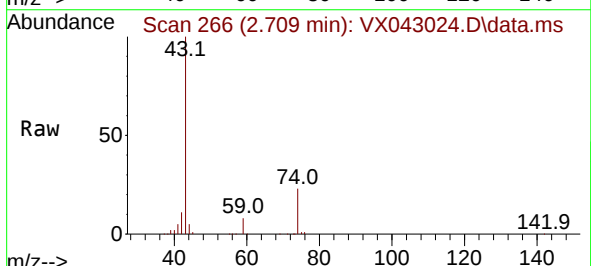
Acq: 14 Aug 2024 12:07

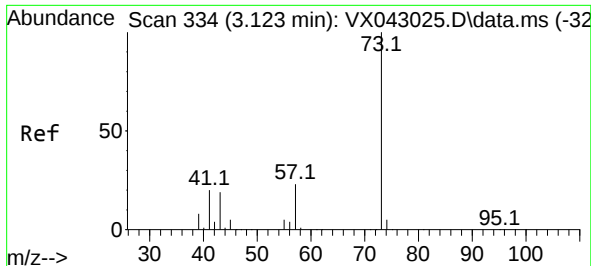
Tgt Ion: 43 Resp: 56405

Ion Ratio Lower Upper

43 100

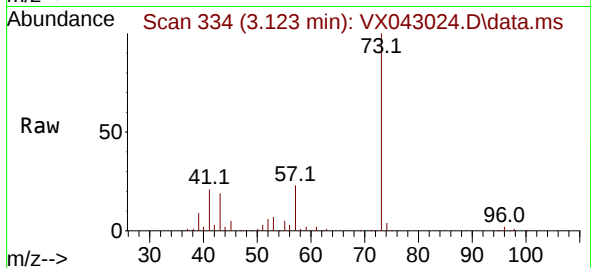
74 23.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 21.493 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

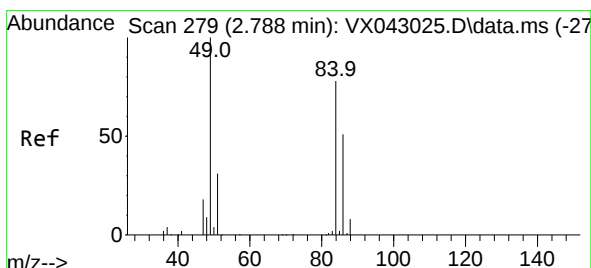
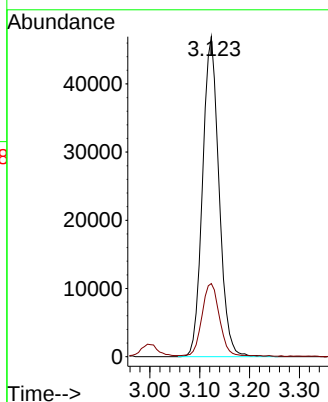
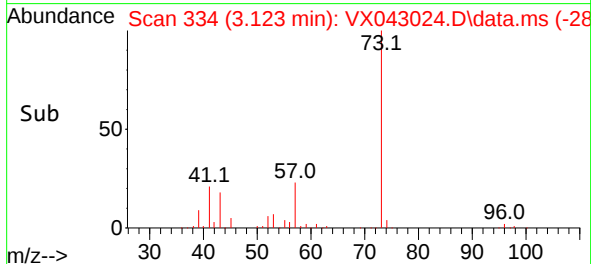
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 10738
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

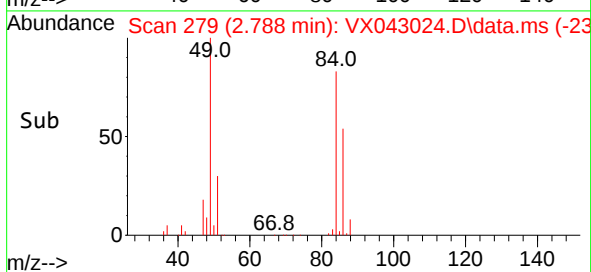
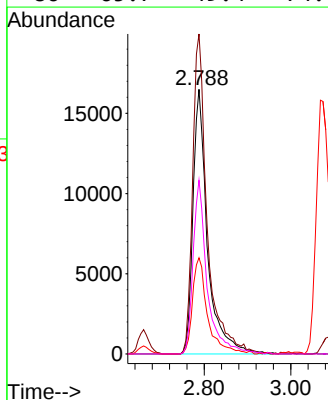
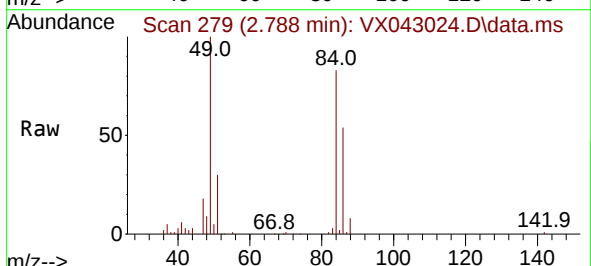
Manual Integrations
APPROVED

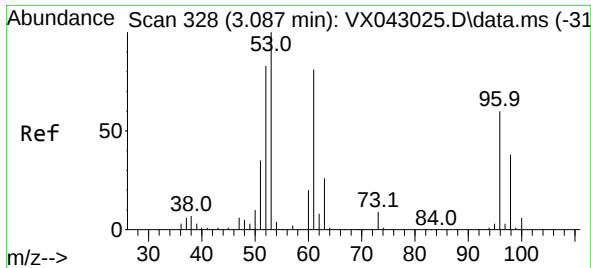
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#20
Methylene Chloride
Concen: 20.760 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

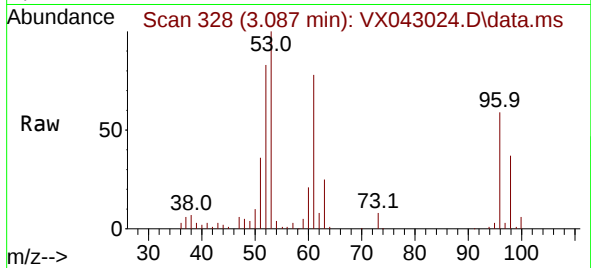
Tgt Ion: 84 Resp: 38452
Ion Ratio Lower Upper
84 100
49 121.0 103.6 155.4
51 36.3 33.8 50.6
86 65.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 21.509 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

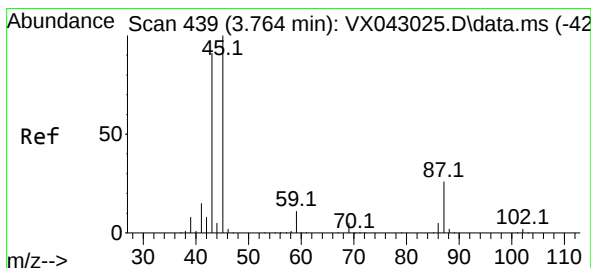
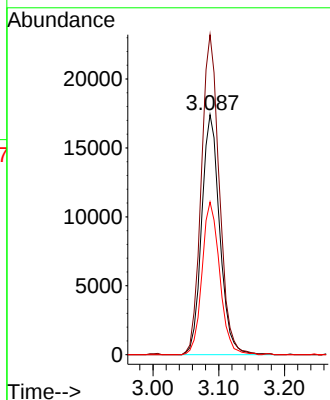
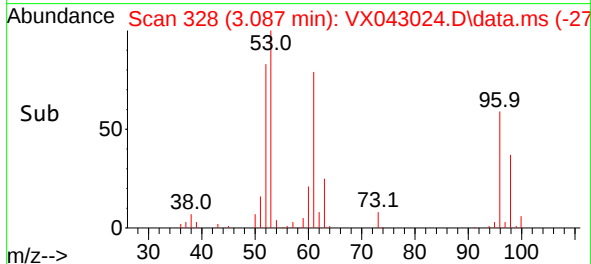
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 3325
Ion Ratio Lower Upper
96 100
61 133.4 119.2 178.8
98 63.6 48.7 73.1

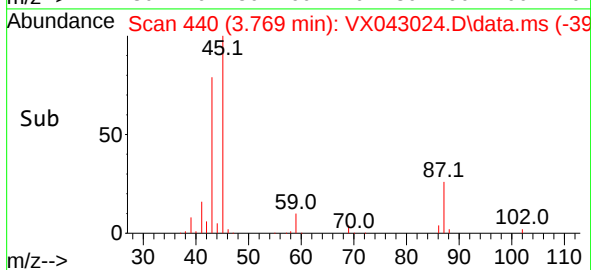
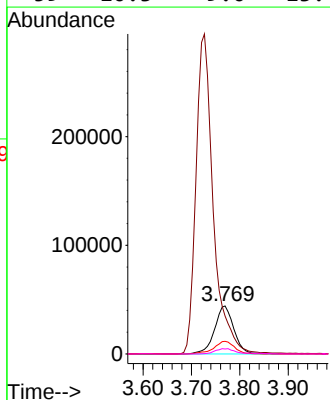
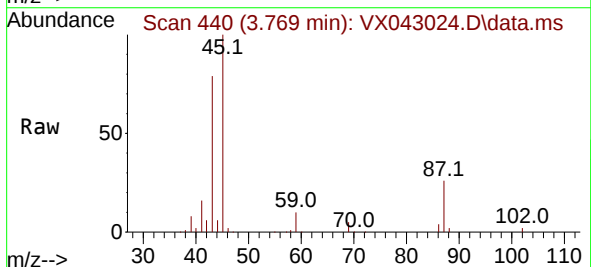
Manual Integrations
APPROVED

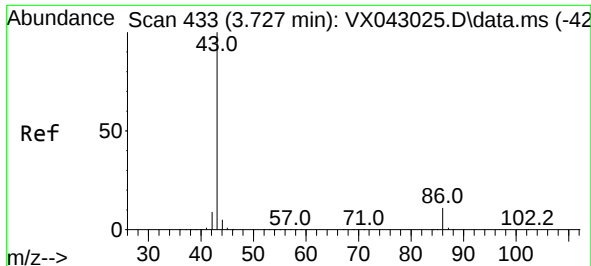
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#22
Diisopropyl ether
Concen: 21.494 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 45 Resp: 121946
Ion Ratio Lower Upper
45 100
43 78.4 69.7 104.5
87 26.3 20.8 31.2
59 10.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 110.723 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043024.D
 Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

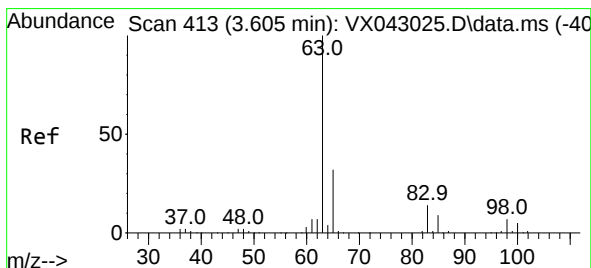
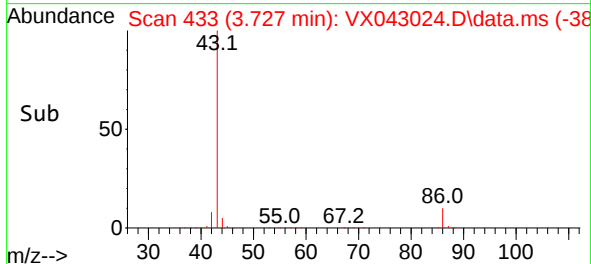
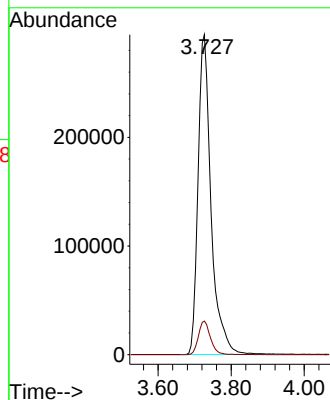
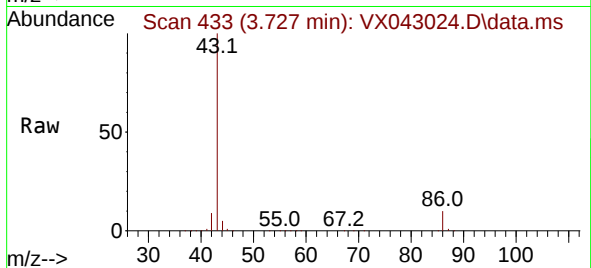
VSTDICC020

Tgt Ion: 43 Resp: 73234
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

Manual Integrations

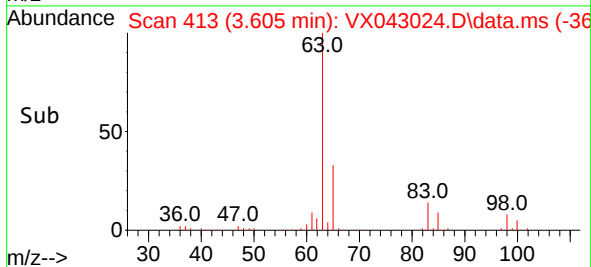
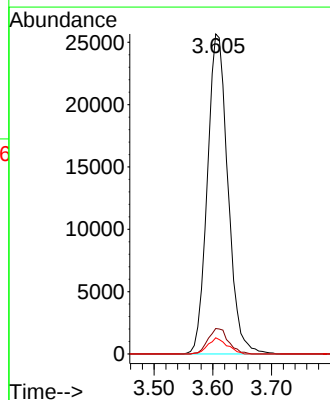
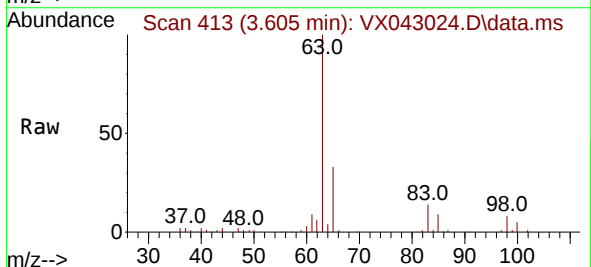
APPROVED

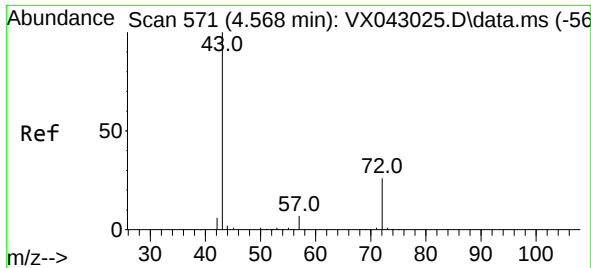
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#24
 1,1-Dichloroethane
 Concen: 21.796 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043024.D
 Acq: 14 Aug 2024 12:07

Tgt Ion: 63 Resp: 62368
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 5.0 2.1 6.5





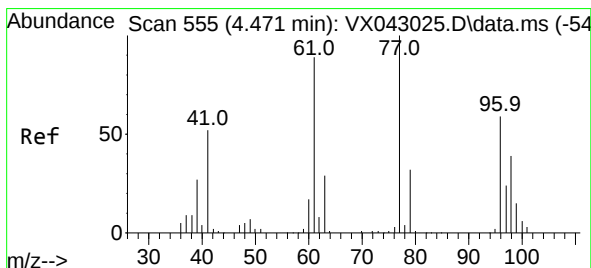
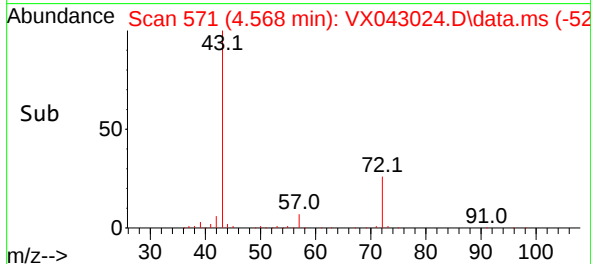
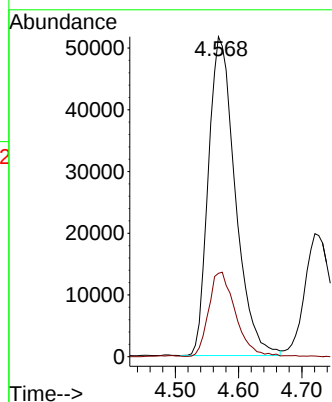
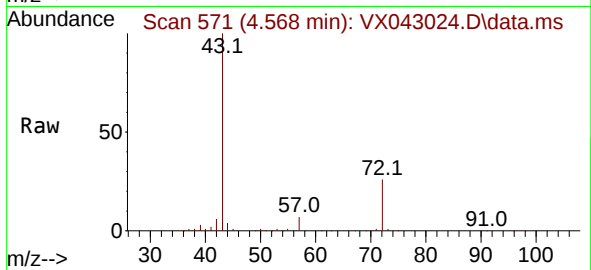
#25
2-Butanone
Concen: 108.657 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 152560
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2

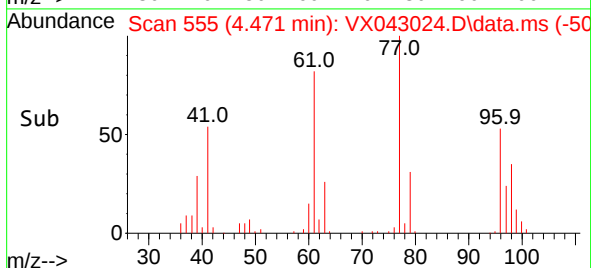
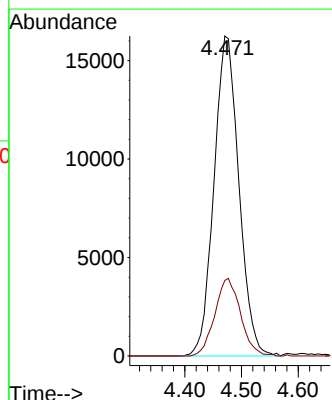
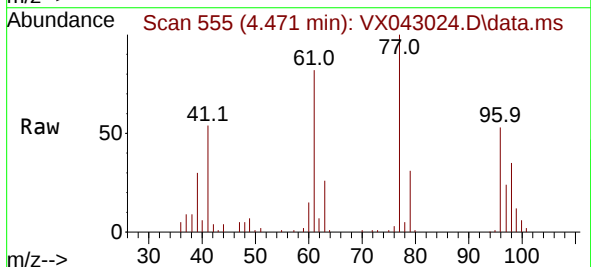
Manual Integrations
APPROVED

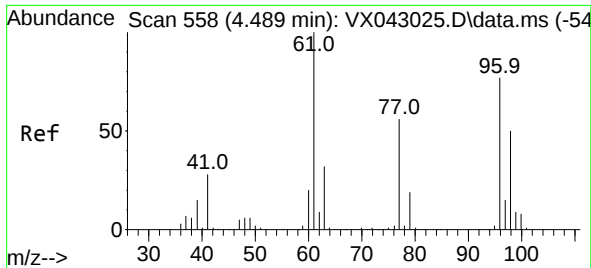
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#26
2,2-Dichloropropane
Concen: 21.763 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 77 Resp: 49610
Ion Ratio Lower Upper
77 100
97 25.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 21.624 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX043024.D
 Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

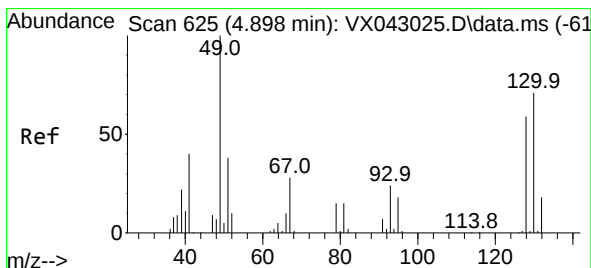
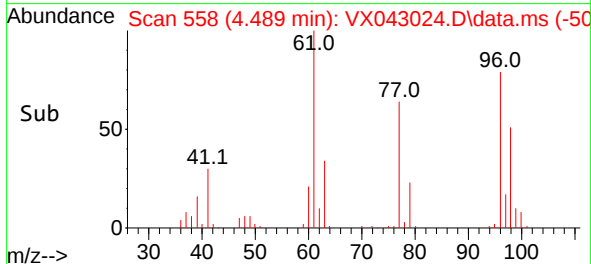
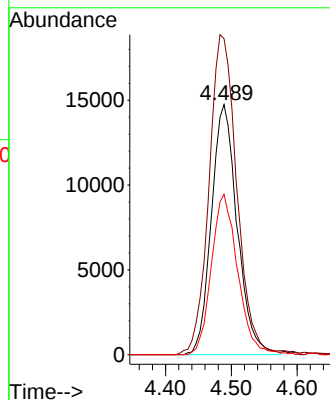
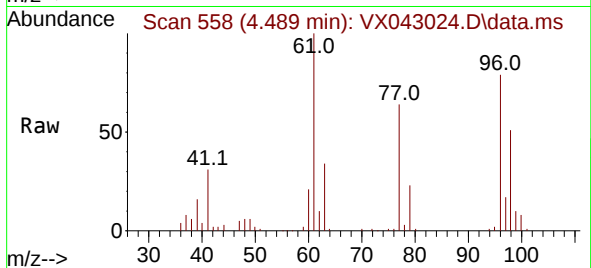
VSTDIC020

Tgt Ion: 96 Resp: 4035
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 312.2
 98 65.2 0.0 129.0

Manual Integrations

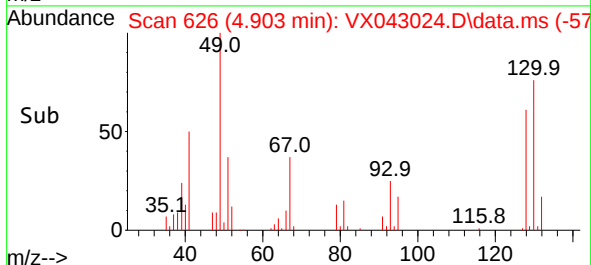
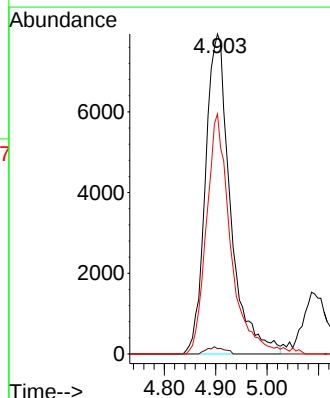
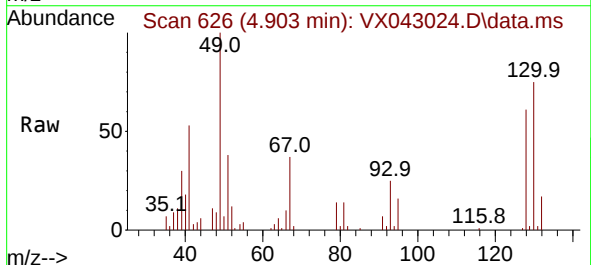
APPROVED

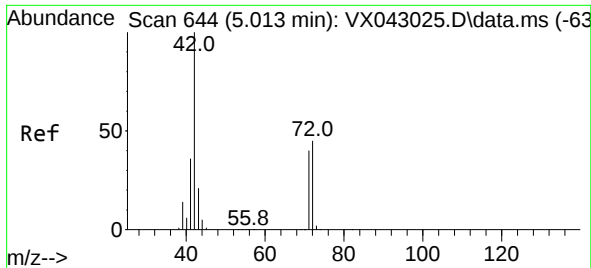
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#28
 Bromochloromethane
 Concen: 20.678 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.001 min
 Lab File: VX043024.D
 Acq: 14 Aug 2024 12:07

Tgt Ion: 49 Resp: 26768
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 72.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 106.720 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

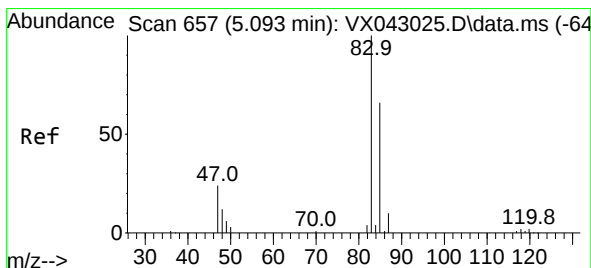
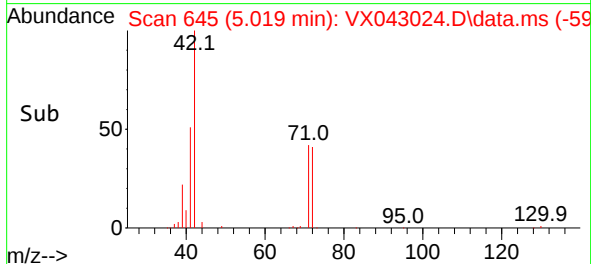
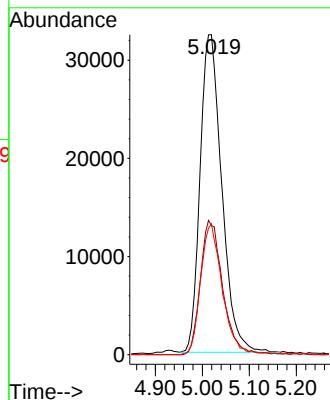
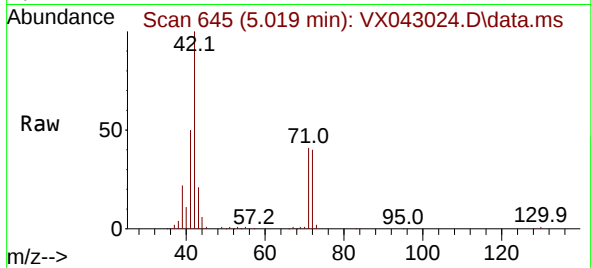
Tgt Ion: 42	Resp: 10385
Ion Ratio	Lower Upper
42 100	
72 43.4	34.2 51.4
71 40.9	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#30

Chloroform

Concen: 21.405 ug/l

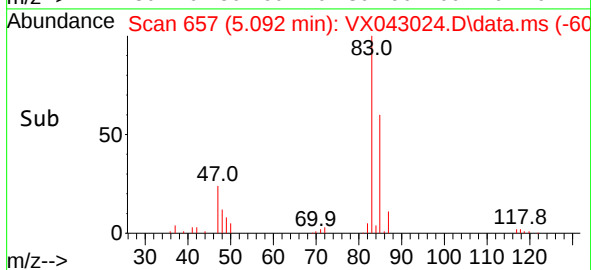
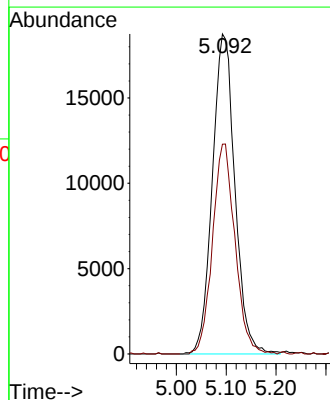
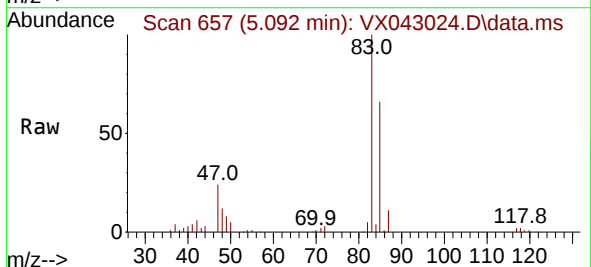
RT: 5.092 min Scan# 657

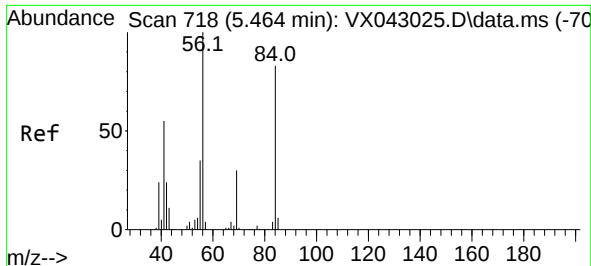
Delta R.T. -0.001 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

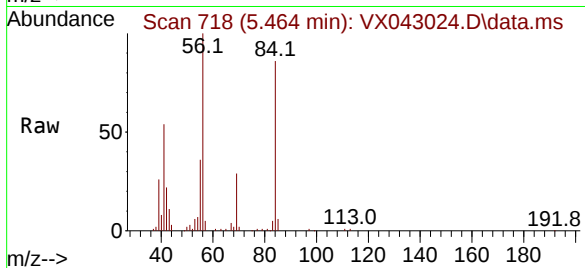
Tgt Ion: 83	Resp: 58837
Ion Ratio	Lower Upper
83 100	
85 65.6	50.3 75.5





#31
Cyclohexane
Concen: 21.315 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

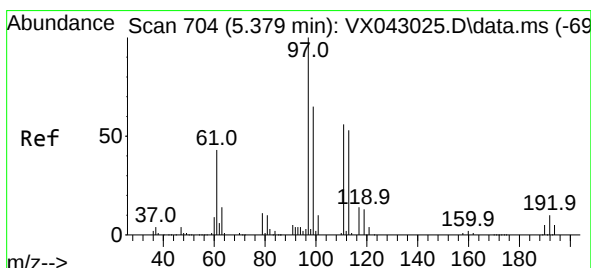
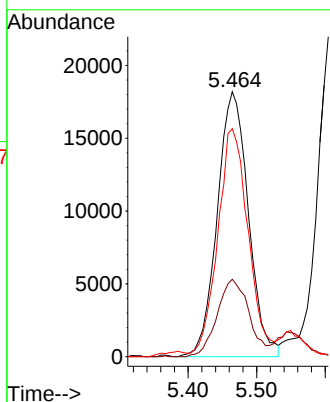
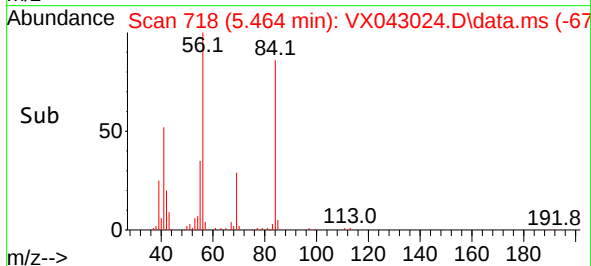
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 5736
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 84.0 65.9 98.9

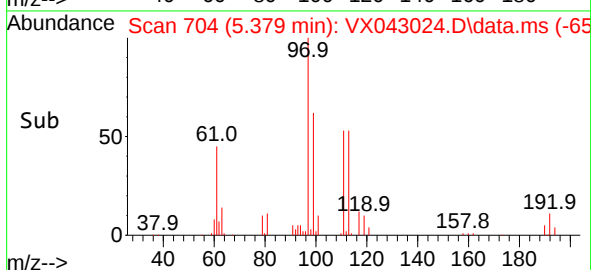
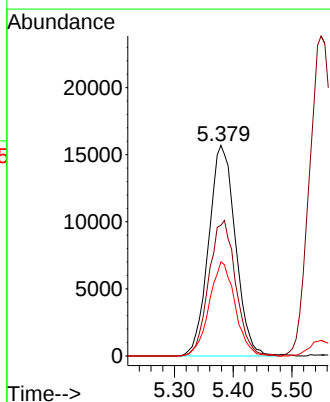
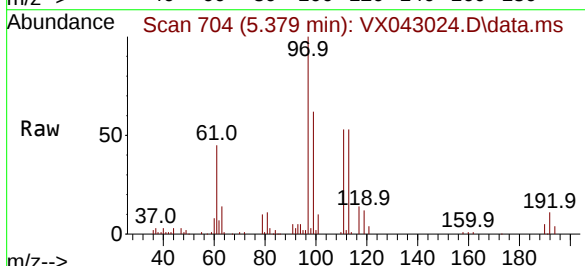
Manual Integrations
APPROVED

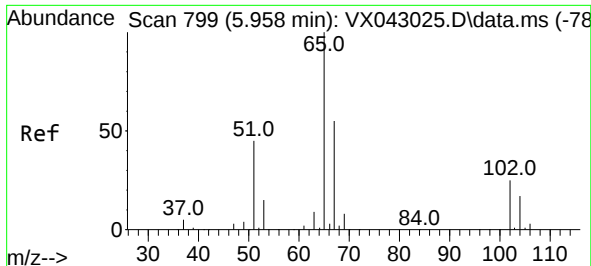
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 21.660 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 97 Resp: 49704
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 43.2 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 20.324 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

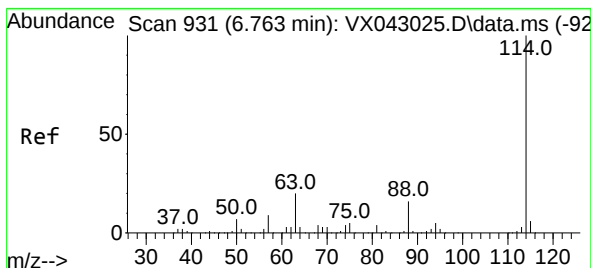
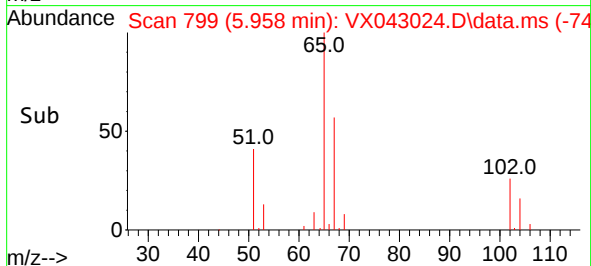
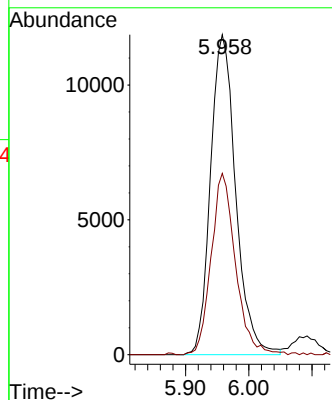
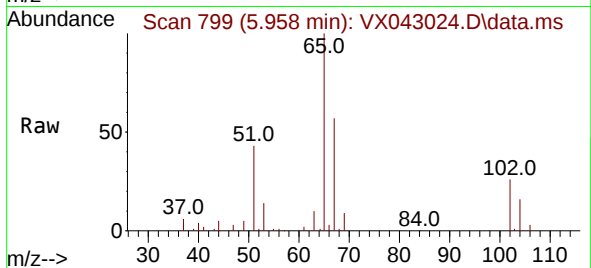
VSTDIC020

Tgt Ion: 65 Resp: 3282
Ion Ratio Lower Upper
65 100
67 54.7 0.0 100.2

Manual Integrations

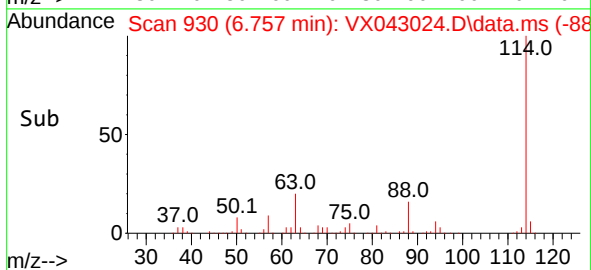
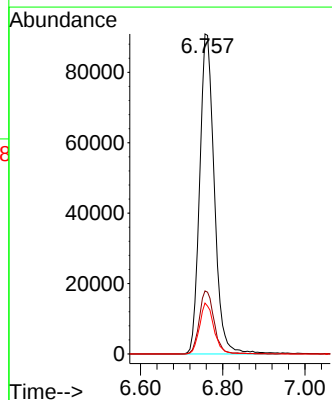
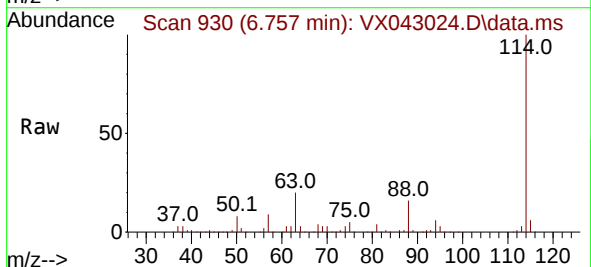
APPROVED

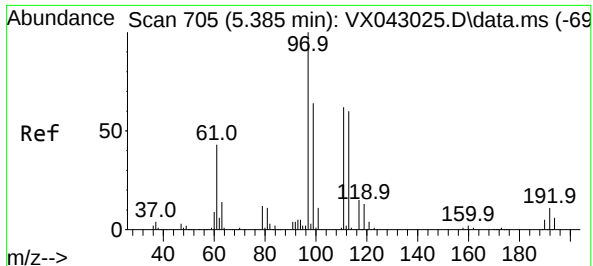
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

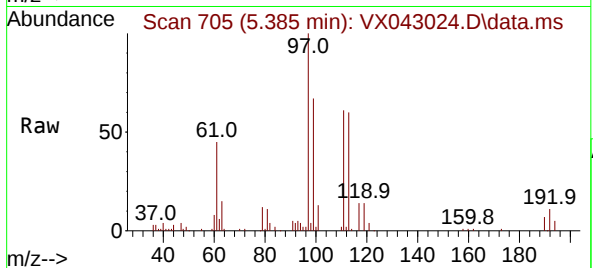
Tgt Ion:114 Resp: 224676
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 19.896 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

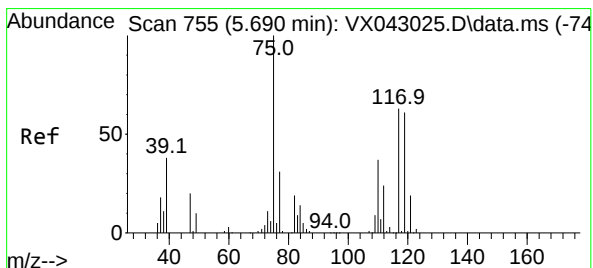
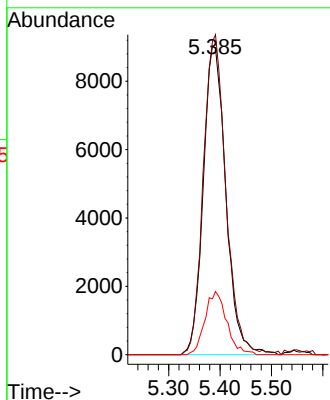
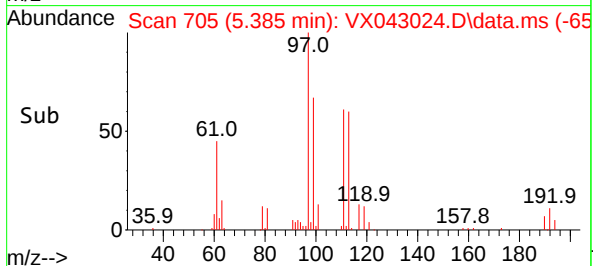
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



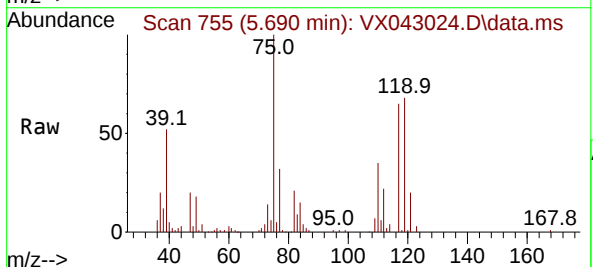
Tgt Ion: 113 Resp: 27654
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.7 13.3 19.9

Manual Integrations
APPROVED

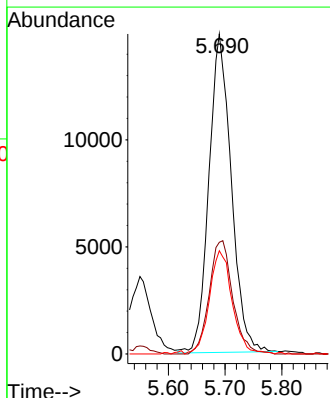
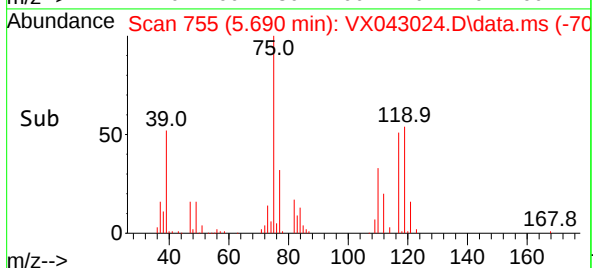
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

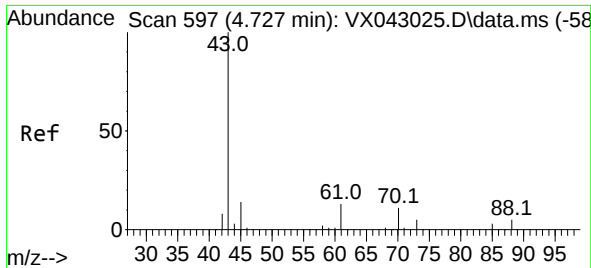


#36
1,1-Dichloropropene
Concen: 21.071 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07



Tgt Ion: 75 Resp: 40687
Ion Ratio Lower Upper
75 100
110 37.4 17.0 50.9
77 33.1 24.7 37.1





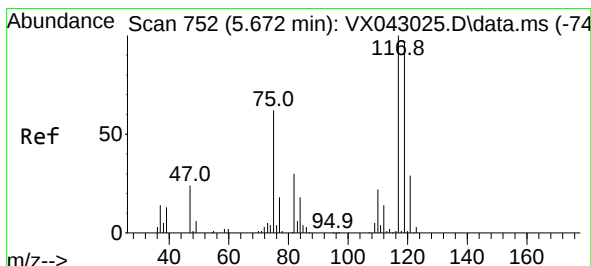
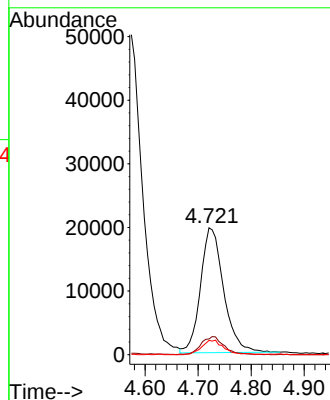
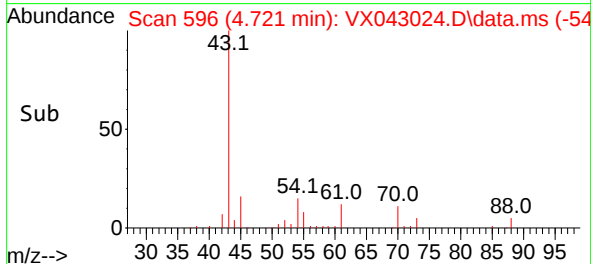
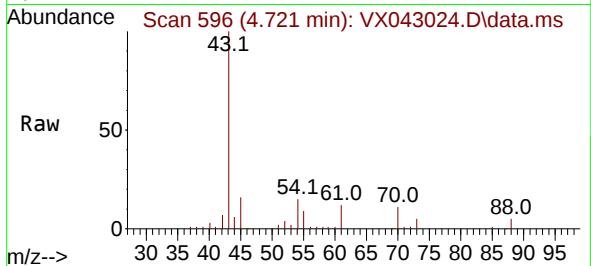
#37
Ethyl Acetate
Concen: 21.906 ug/l
RT: 4.721 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 5958
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 11.1 8.3 12.5

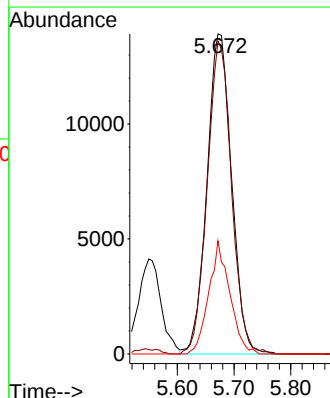
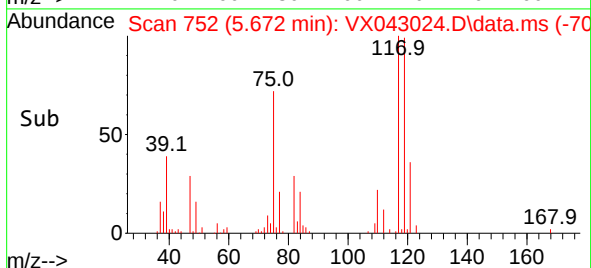
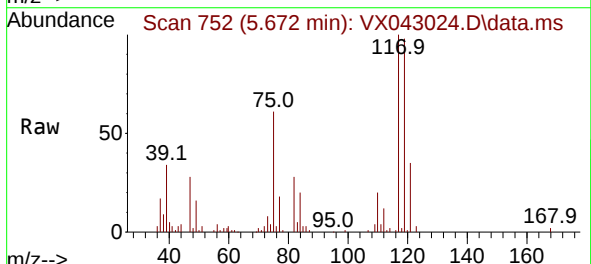
Manual Integrations
APPROVED

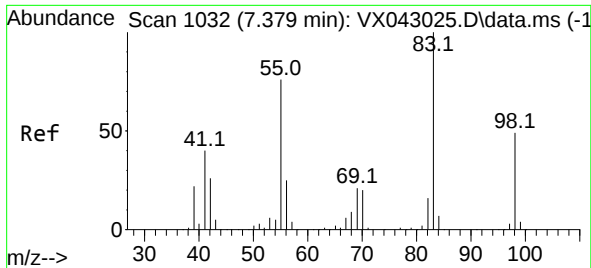
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#38
Carbon Tetrachloride
Concen: 21.526 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion:117 Resp: 42029
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
121 35.3 24.4 36.6





#39
Methylcyclohexane
Concen: 21.582 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

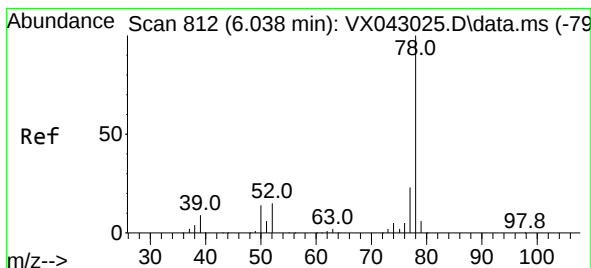
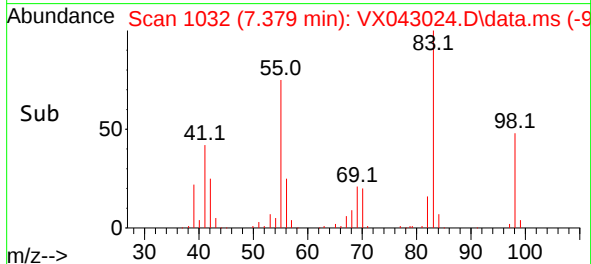
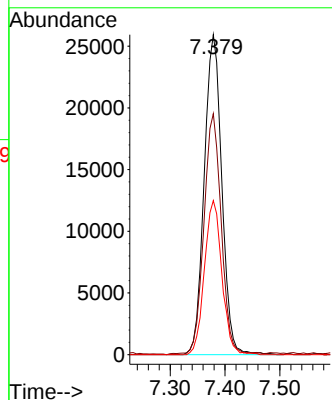
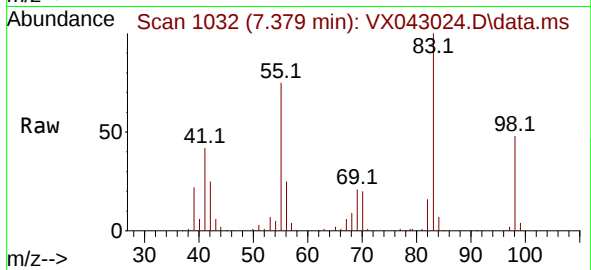
VSTDICC020

Tgt Ion: 83 Resp: 57690
Ion Ratio Lower Upper
83 100
55 74.9 64.6 97.0
98 48.2 36.7 55.1

Manual Integrations

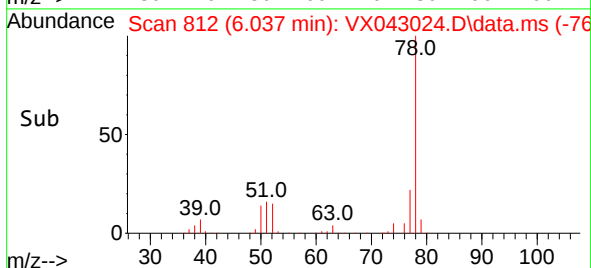
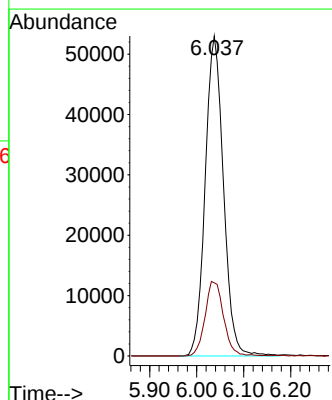
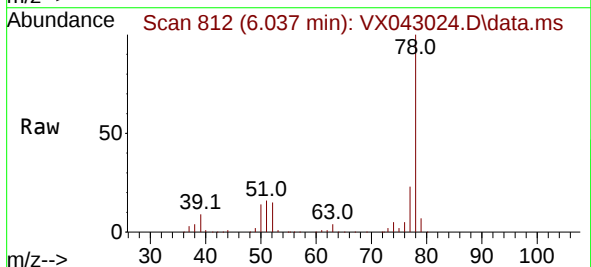
APPROVED

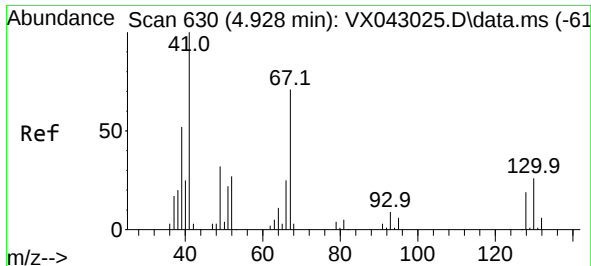
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#40
Benzene
Concen: 21.692 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 78 Resp: 142698
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#41
Methacrylonitrile
Concen: 21.860 ug/l
RT: 4.928 min Scan# 613
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

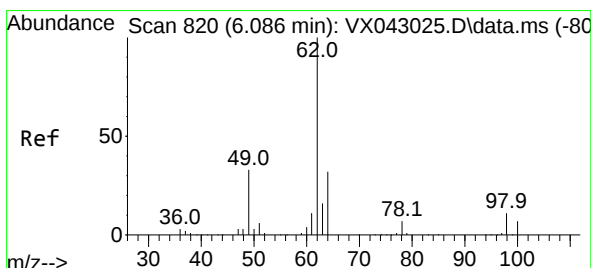
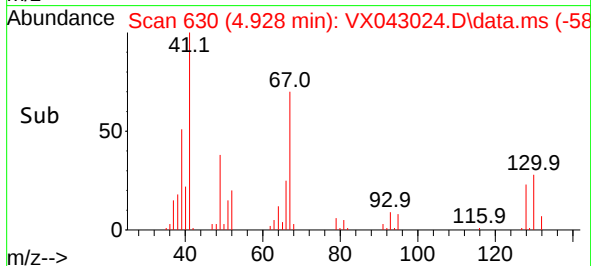
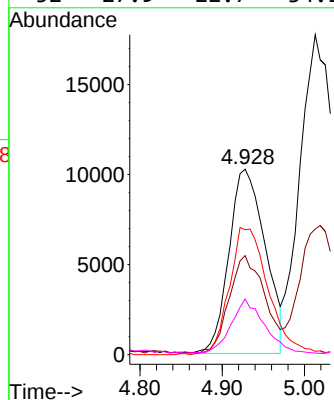
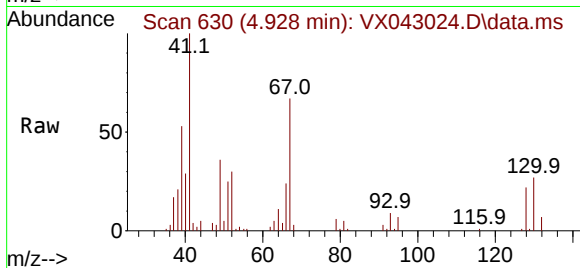
Tgt Ion: 41 Resp: 31338
Ion Ratio Lower Upper
41 100
39 51.0 45.2 67.8
67 75.2 52.6 78.8
52 27.9 22.7 34.1

Manual Integrations

APPROVED

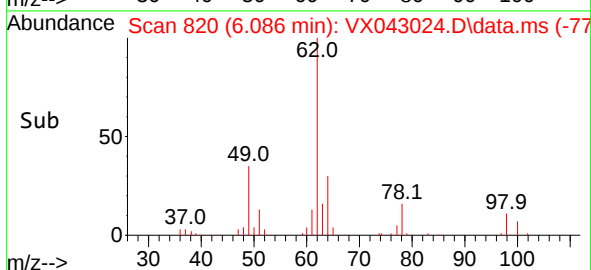
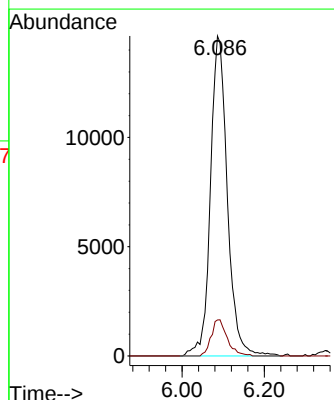
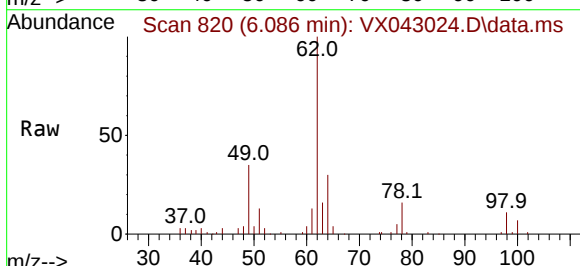
Reviewed By :John Carlone 08/15/2024

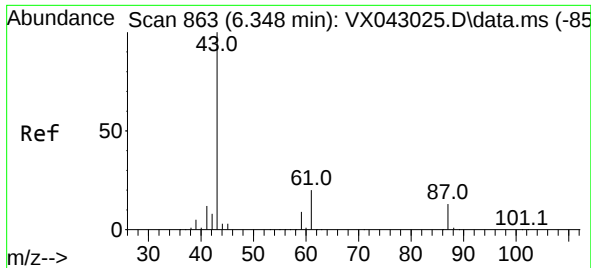
Supervised By :Mahesh Dadoda 08/15/2024



#42
1,2-Dichloroethane
Concen: 21.854 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 62 Resp: 41817
Ion Ratio Lower Upper
62 100
98 10.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 21.572 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.001 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

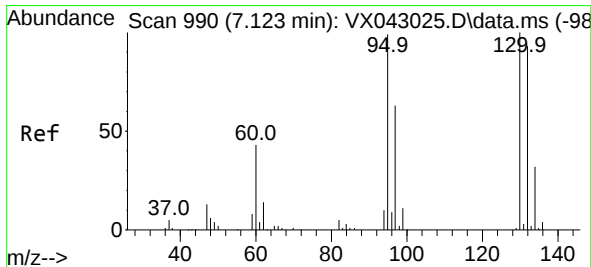
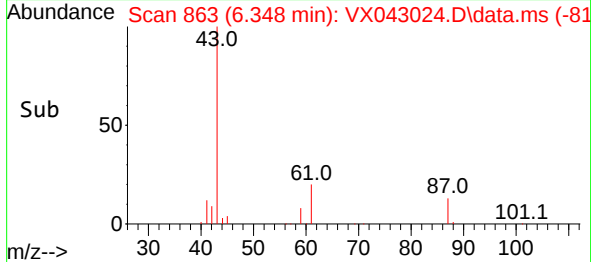
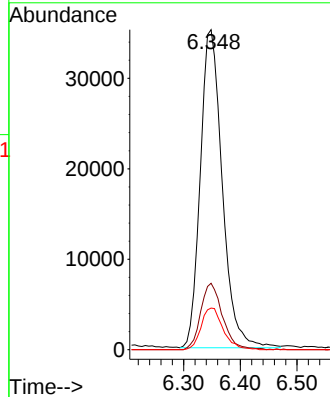
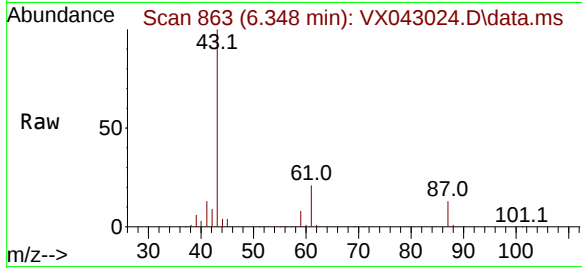
Tgt Ion: 43	Resp: 94670
Ion Ratio	Lower Upper
43 100	
61 20.8	15.2 22.8
87 13.1	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#44

Trichloroethene

Concen: 21.716 ug/l

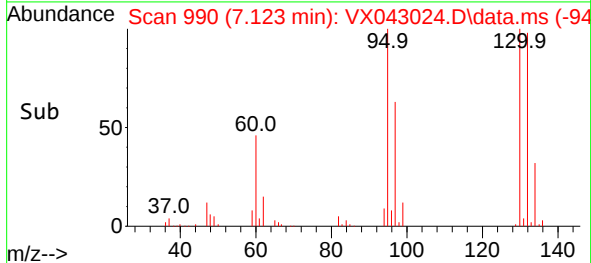
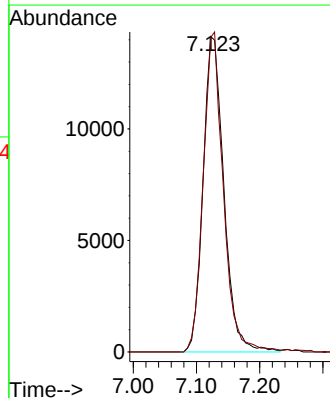
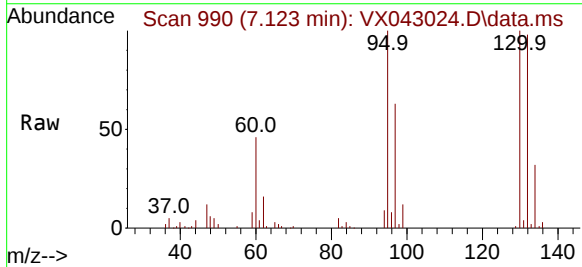
RT: 7.123 min Scan# 990

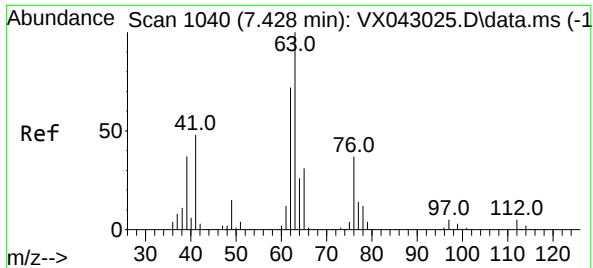
Delta R.T. -0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Tgt Ion:130	Resp: 32350
Ion Ratio	Lower Upper
130 100	
95 99.7	0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.965 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.005 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3555

Ion Ratio Lower Upper

63 100

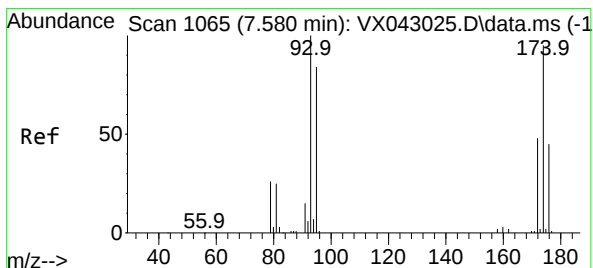
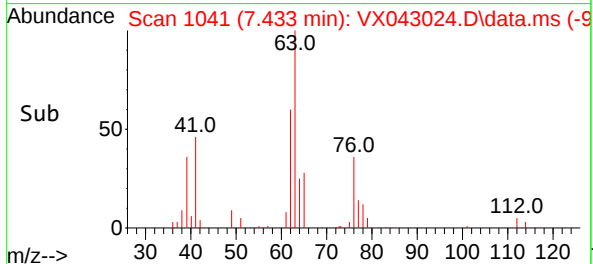
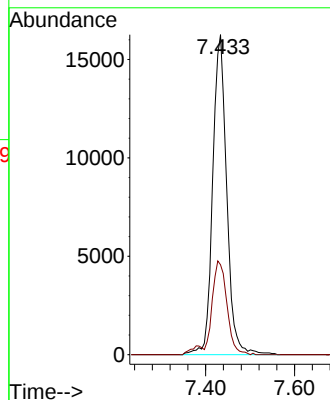
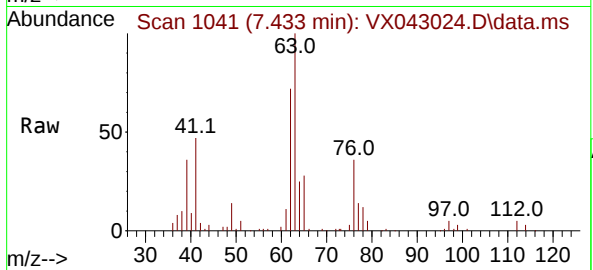
65 28.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#46

Dibromomethane

Concen: 21.490 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

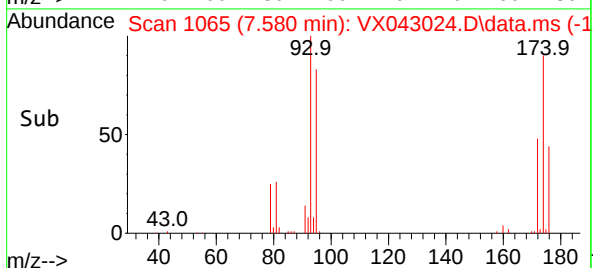
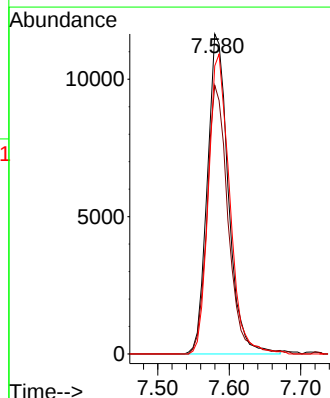
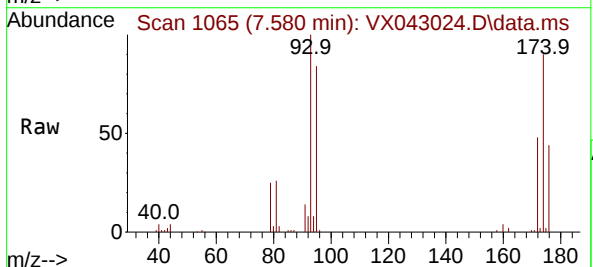
Tgt Ion: 93 Resp: 23788

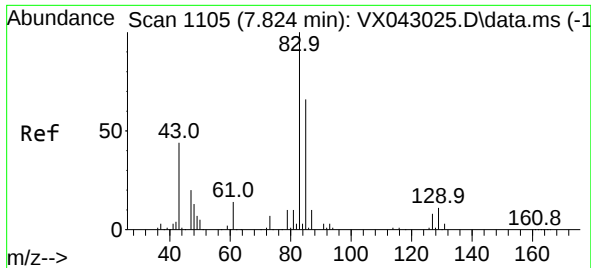
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 94.4 69.4 104.0





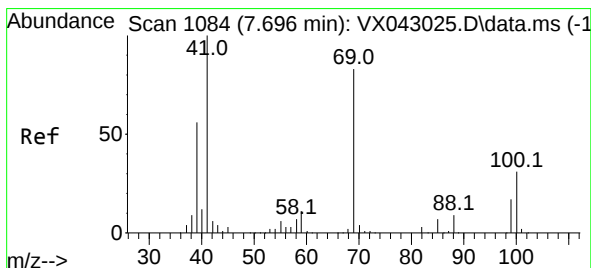
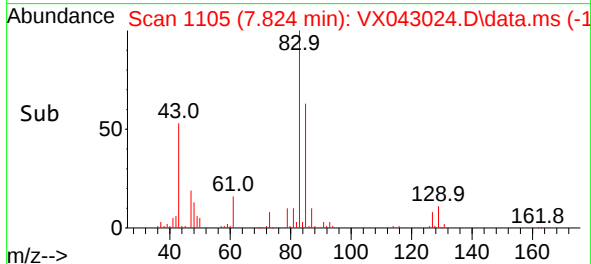
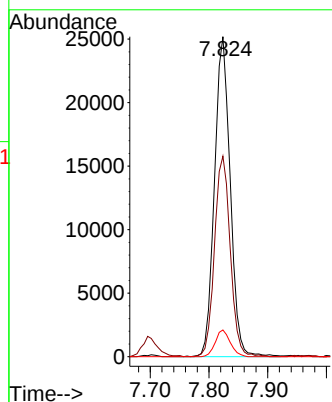
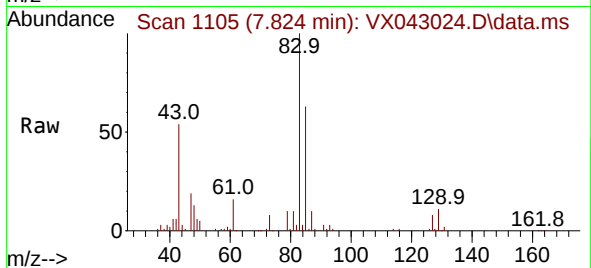
#47
Bromodichloromethane
Concen: 21.786 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4682
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 8.3 7.1 10.7

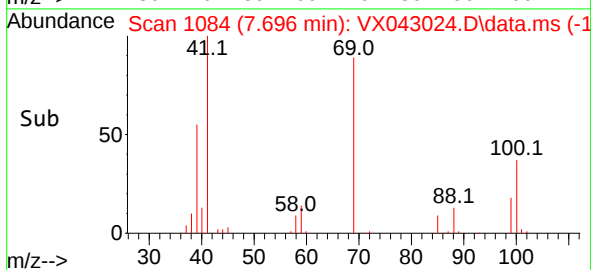
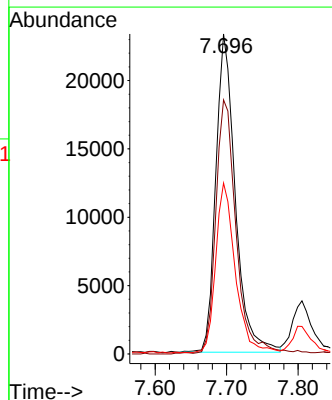
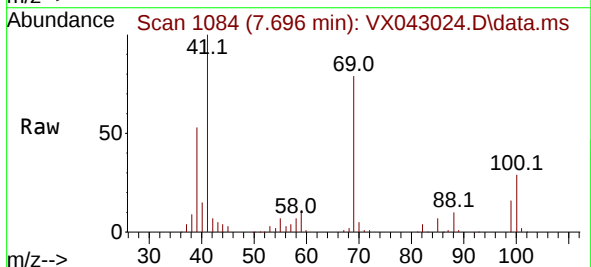
Manual Integrations
APPROVED

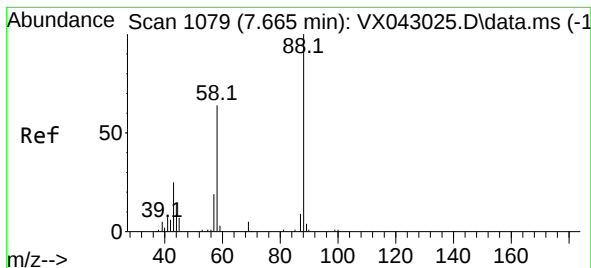
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#48
Methyl methacrylate
Concen: 21.320 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 41 Resp: 44116
Ion Ratio Lower Upper
41 100
69 82.1 59.2 88.8
39 53.4 47.7 71.5





#49

1,4-Dioxane

Concen: 432.918 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

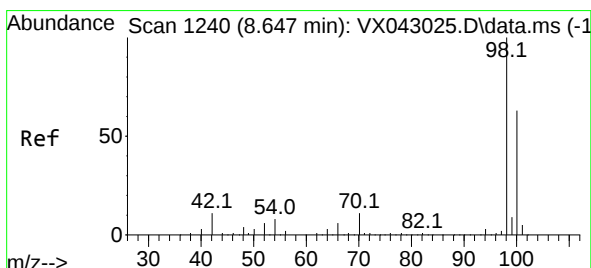
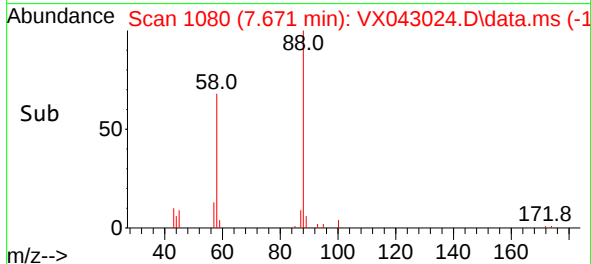
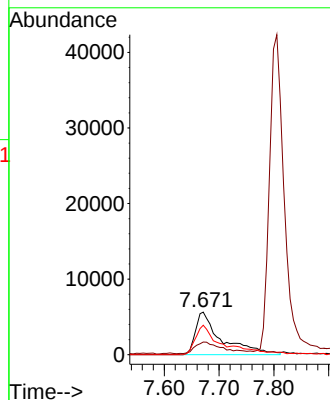
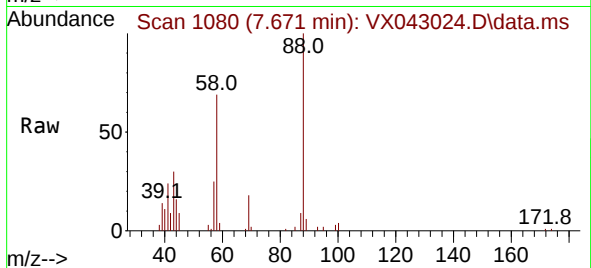
Tgt Ion: 88 Resp: 18582
 Ion Ratio Lower Upper
 88 100
 43 30.2 0.0 0.0
 58 52.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#50

Toluene-d8

Concen: 19.808 ug/l

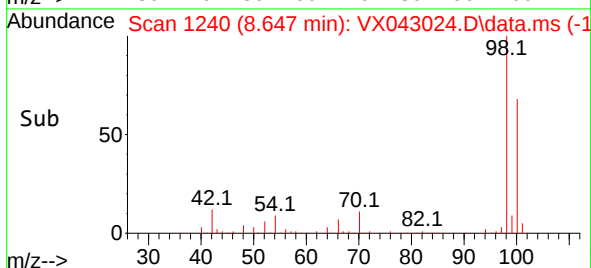
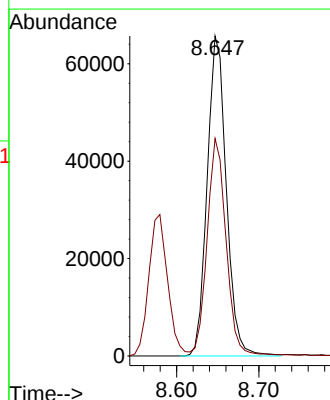
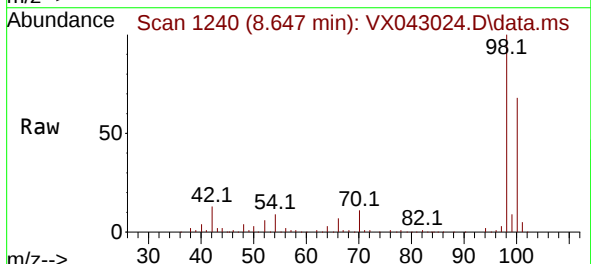
RT: 8.647 min Scan# 1240

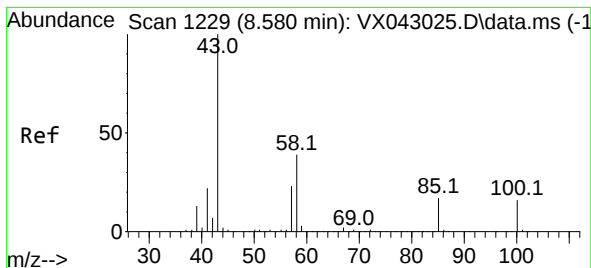
Delta R.T. -0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Tgt Ion: 98 Resp: 106279
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.1 79.7





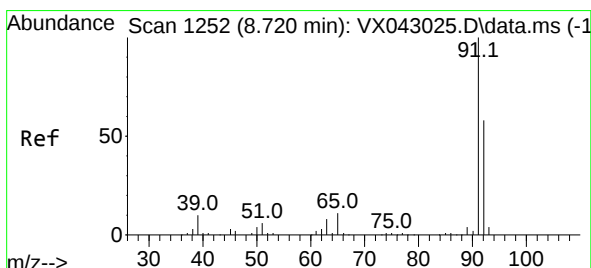
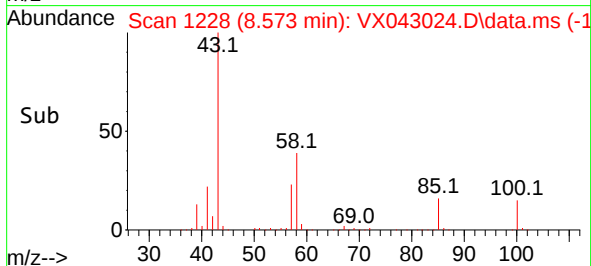
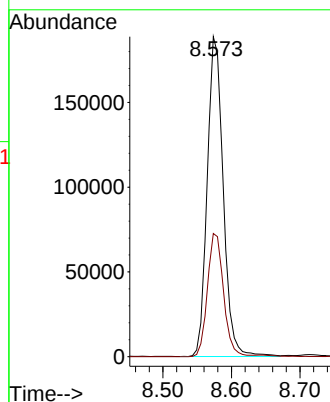
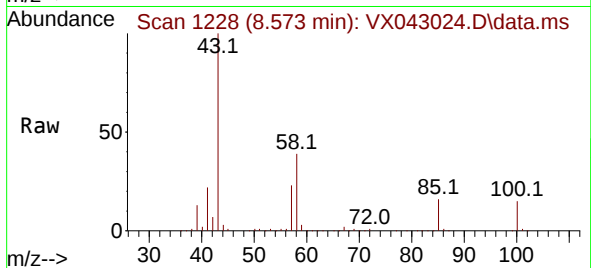
#51
4-Methyl-2-Pentanone
Concen: 110.132 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.007 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 307174
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

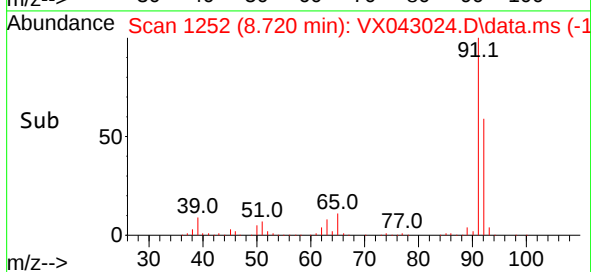
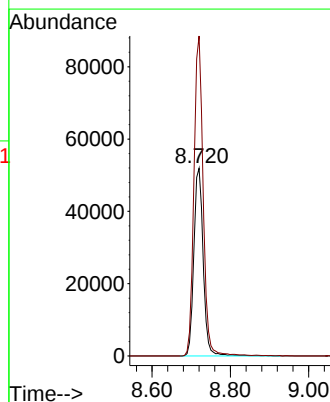
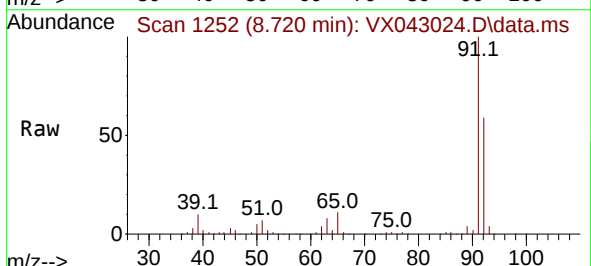
Manual Integrations
APPROVED

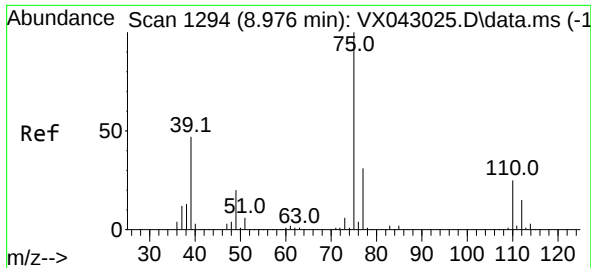
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#52
Toluene
Concen: 21.724 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 92 Resp: 86328
Ion Ratio Lower Upper
92 100
91 168.4 134.2 201.2





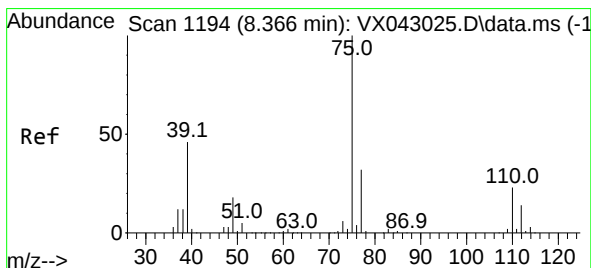
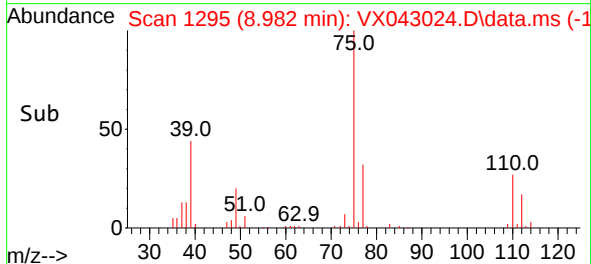
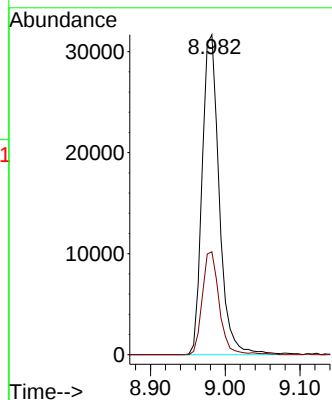
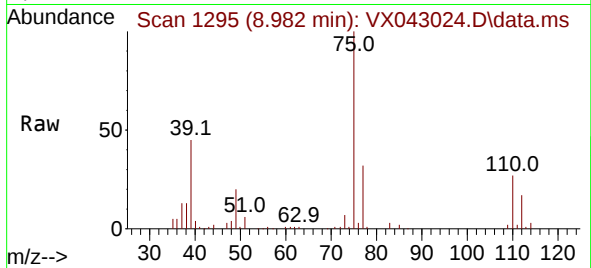
#53
t-1,3-Dichloropropene
Concen: 21.407 ug/l
RT: 8.982 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 5024
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

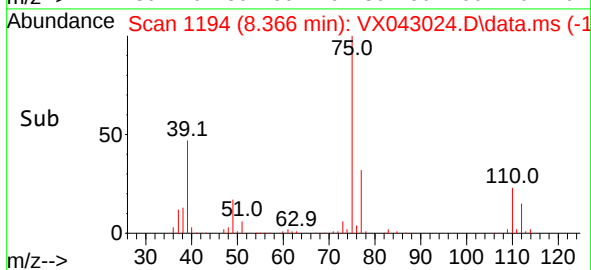
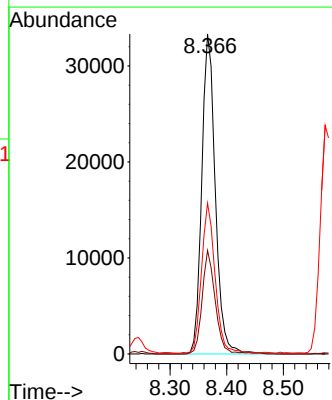
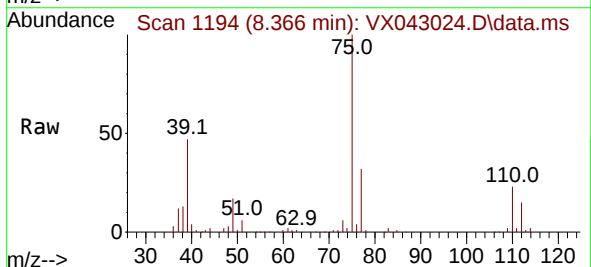
Manual Integrations
APPROVED

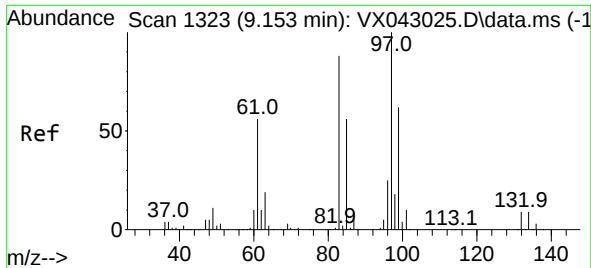
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#54
cis-1,3-Dichloropropene
Concen: 21.448 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 75 Resp: 55364
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 46.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.418 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

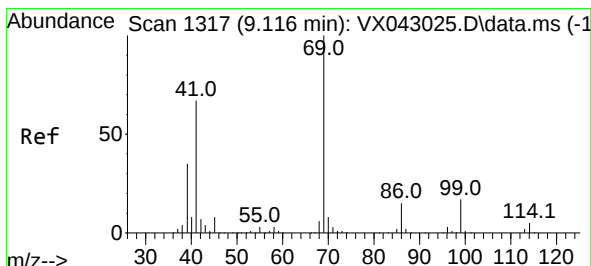
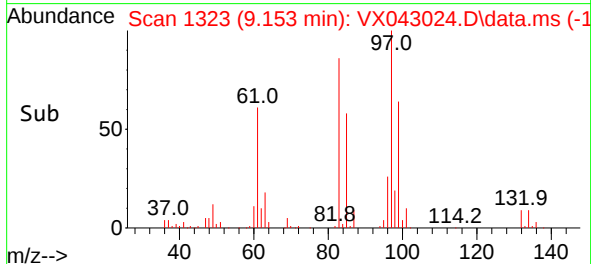
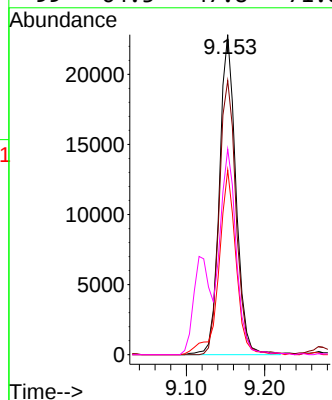
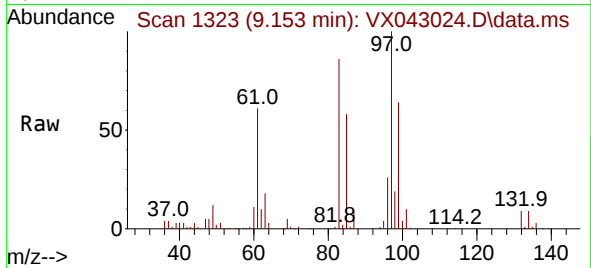
VSTDICC020

Tgt Ion: 97 Resp: 33430
Ion Ratio Lower Upper
97 100
83 85.7 65.8 98.8
85 57.7 41.6 62.4
99 64.3 47.8 71.8

Manual Integrations

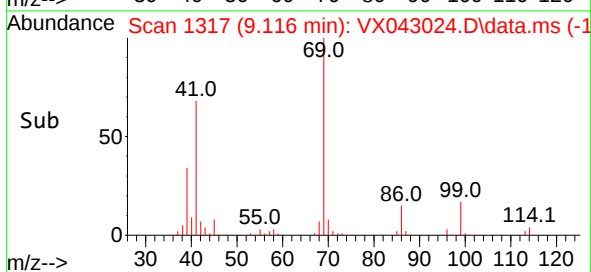
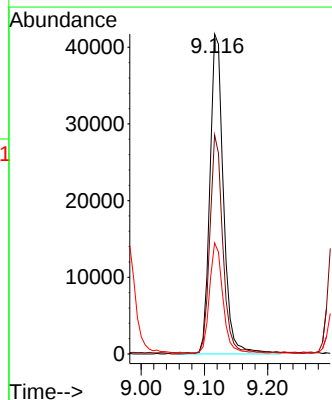
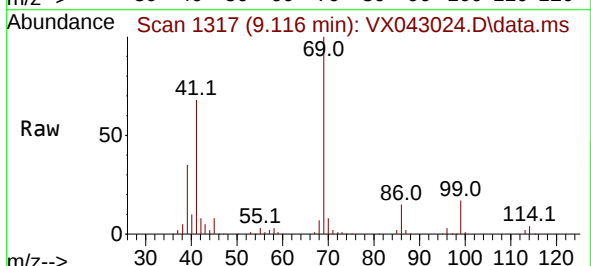
APPROVED

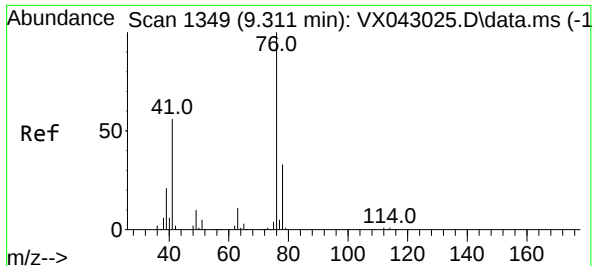
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#56
Ethyl methacrylate
Concen: 21.981 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 69 Resp: 62126
Ion Ratio Lower Upper
69 100
41 64.9 56.8 85.2
39 34.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 21.807 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 5768

Ion Ratio Lower Upper

76 100

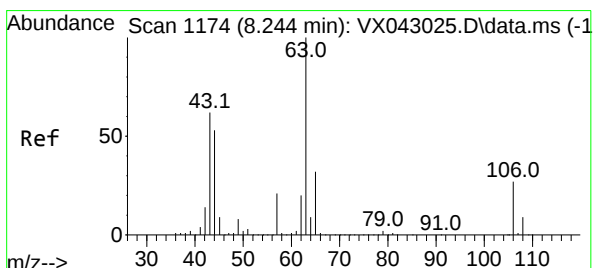
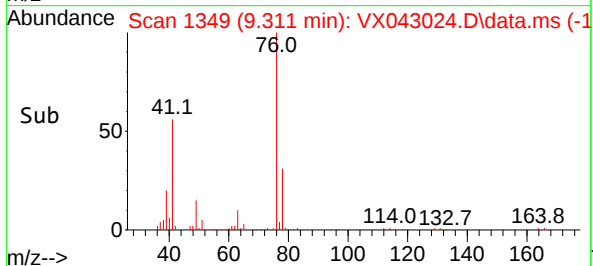
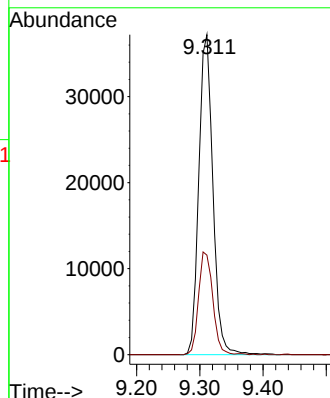
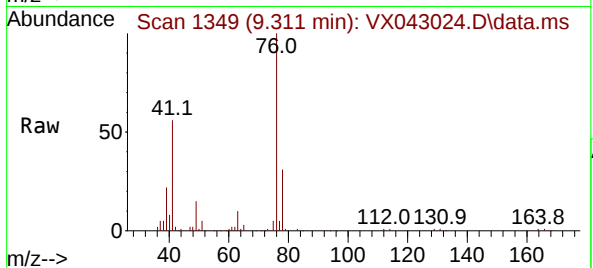
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 103.651 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX043024.D

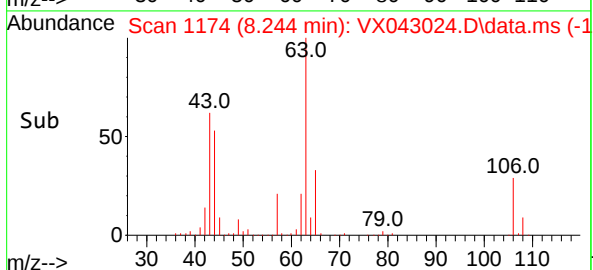
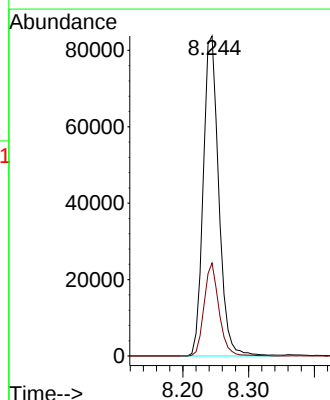
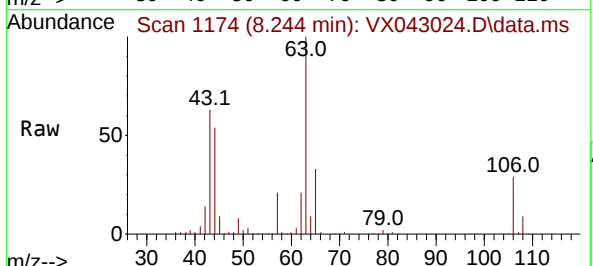
Acq: 14 Aug 2024 12:07

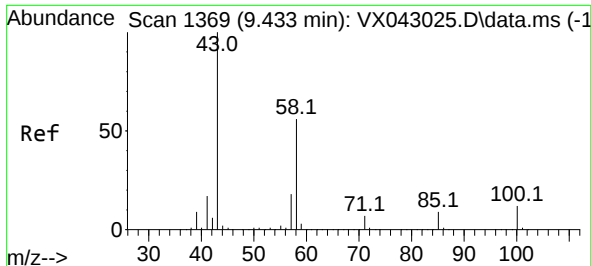
Tgt Ion: 63 Resp: 137475

Ion Ratio Lower Upper

63 100

106 27.7 22.5 33.7





#59

2-Hexanone

Concen: 109.954 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 23566

Ion Ratio Lower Upper

43 100

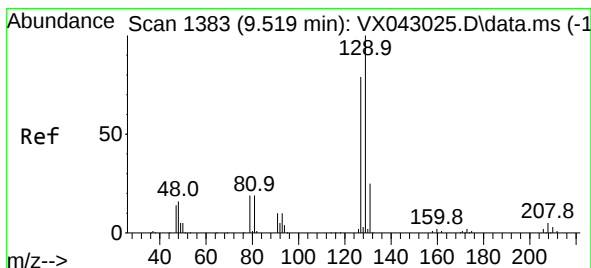
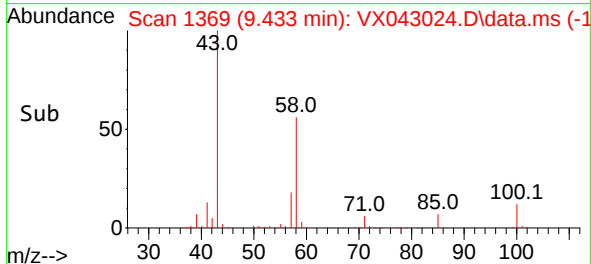
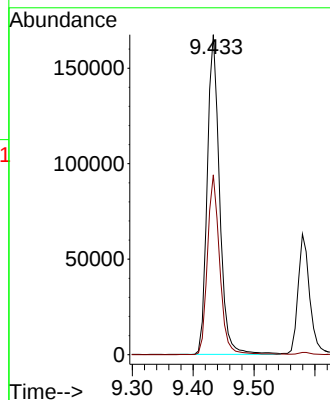
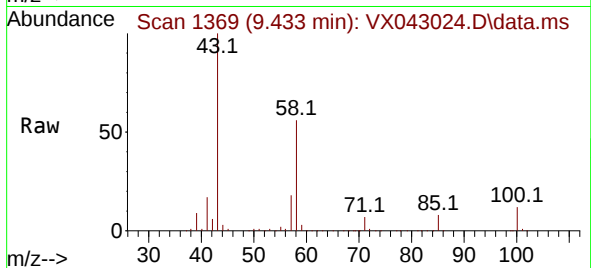
58 56.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#60

Dibromochloromethane

Concen: 21.709 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX043024.D

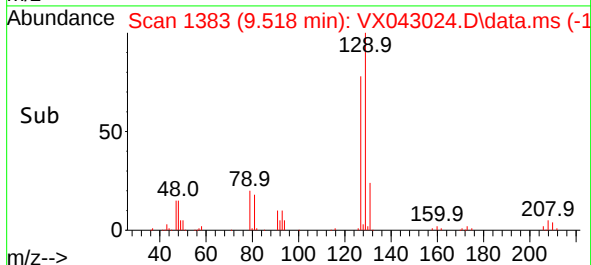
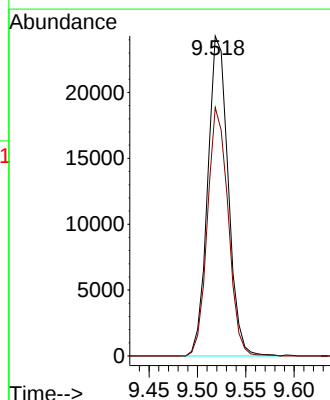
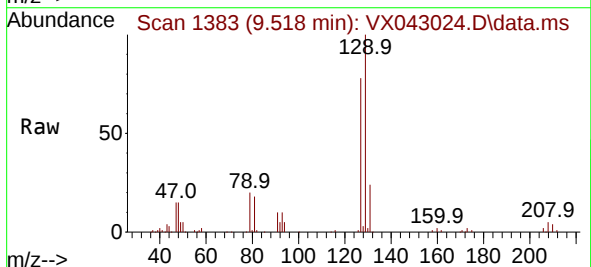
Acq: 14 Aug 2024 12:07

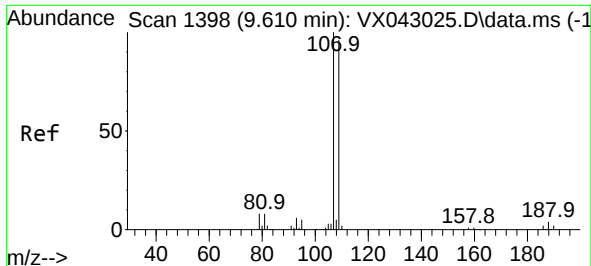
Tgt Ion:129 Resp: 35729

Ion Ratio Lower Upper

129 100

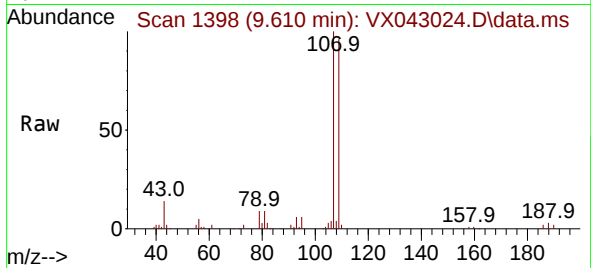
127 78.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.959 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

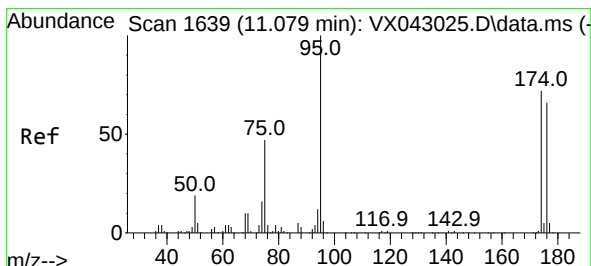
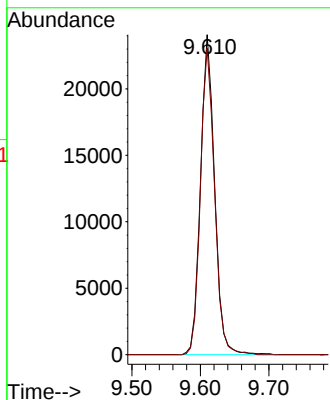
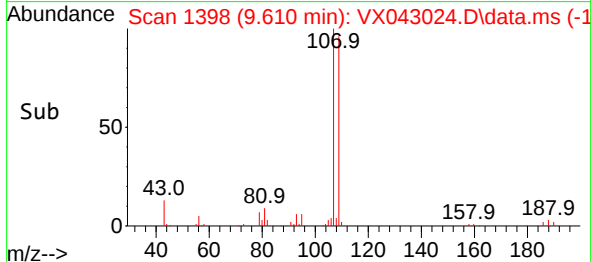
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



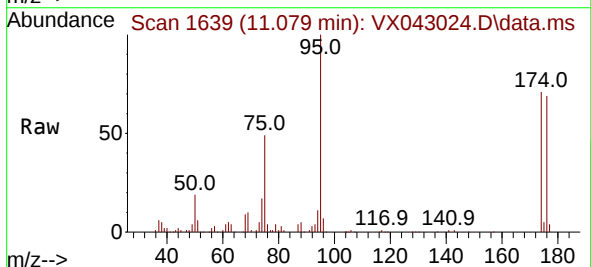
Tgt Ion:107 Resp: 3456
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8

Manual Integrations
APPROVED

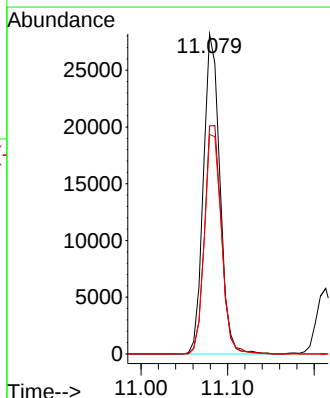
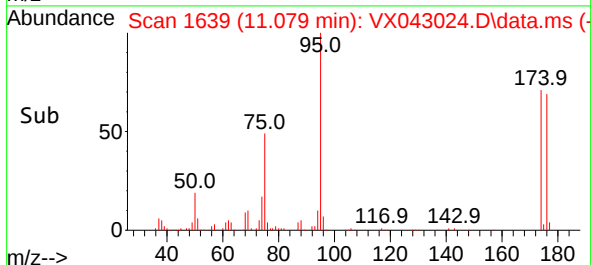
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

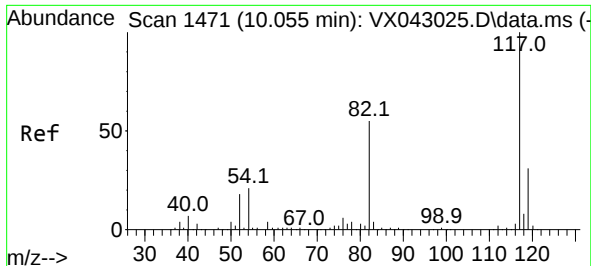


#62
4-Bromofluorobenzene
Concen: 19.109 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07



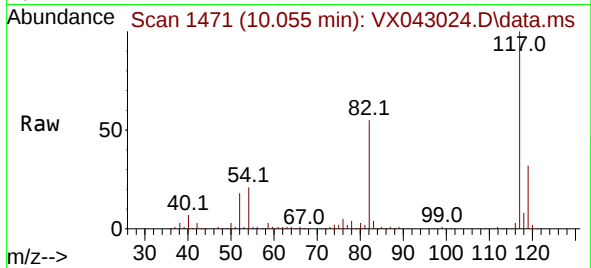
Tgt Ion: 95 Resp: 37177
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

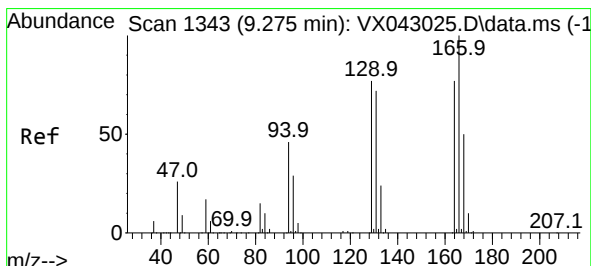
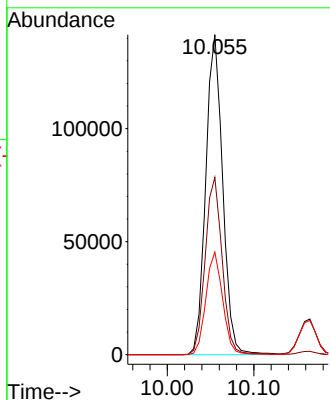
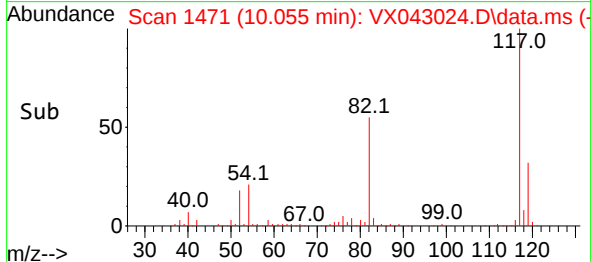
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



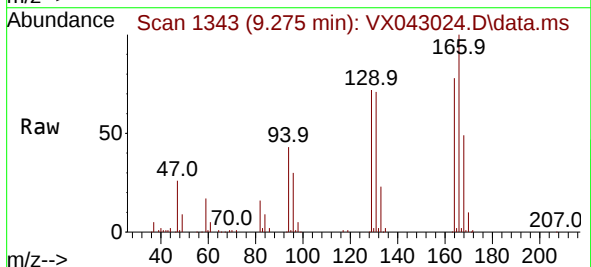
Tgt Ion:117 Resp: 19224
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.1 25.5 38.3

Manual Integrations
APPROVED

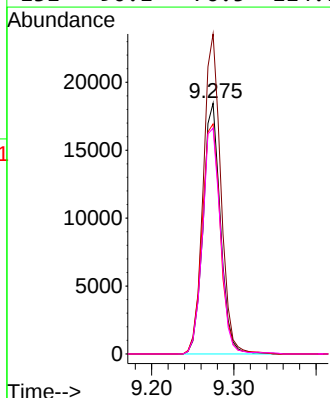
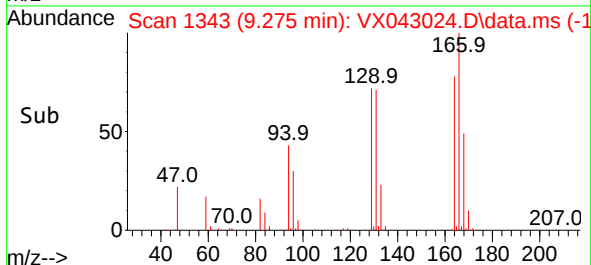
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

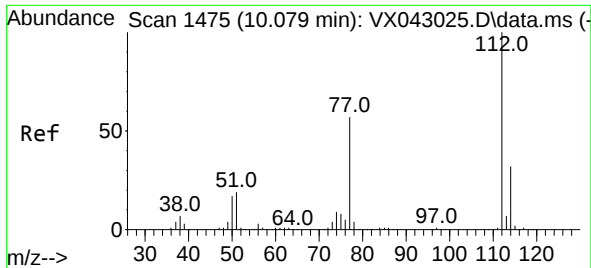


#64
Tetrachloroethene
Concen: 21.658 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07



Tgt Ion:164 Resp: 26871
Ion Ratio Lower Upper
164 100
166 127.7 102.7 154.1
129 91.8 80.4 120.6
131 90.1 76.5 114.7





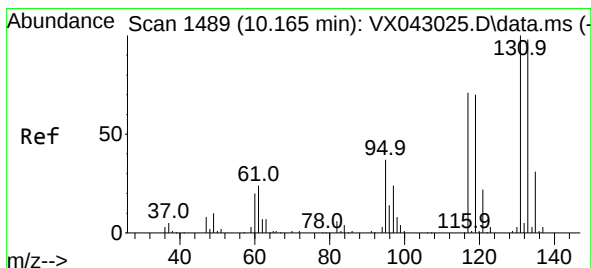
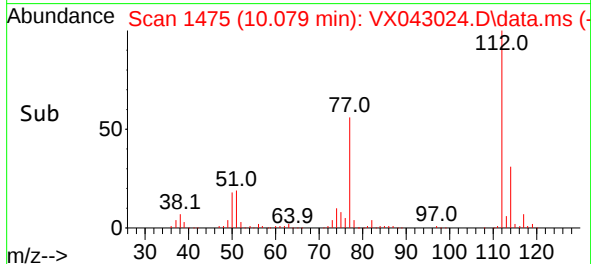
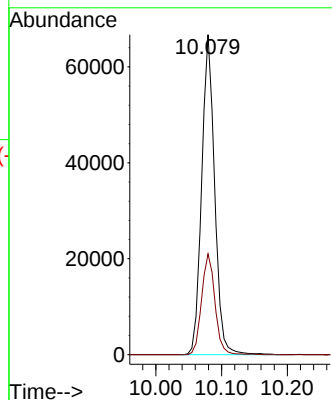
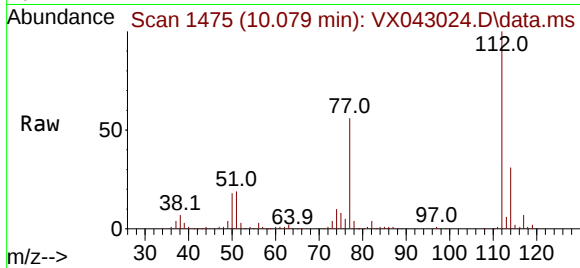
#65
Chlorobenzene
Concen: 22.058 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 91485
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

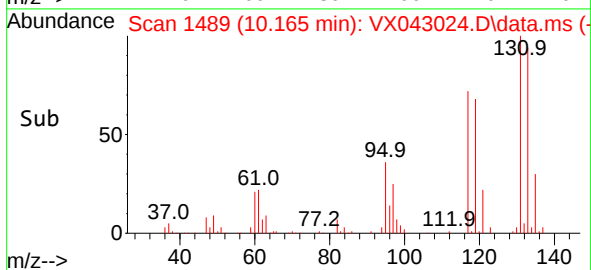
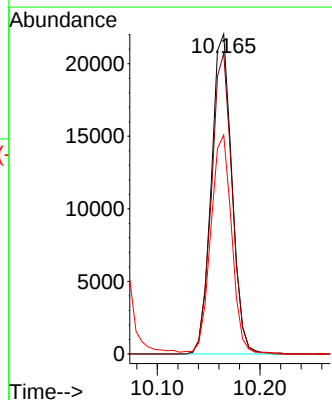
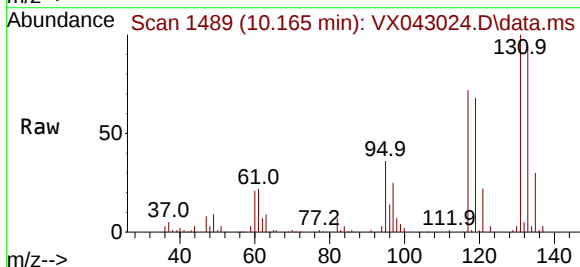
Manual Integrations
APPROVED

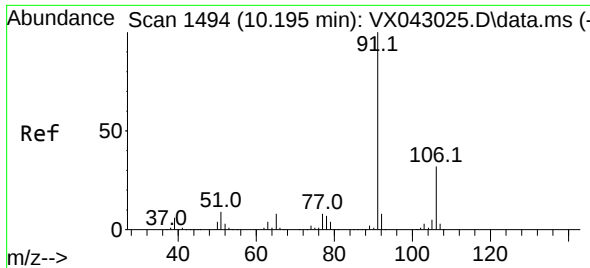
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.919 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion:131 Resp: 30633
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 69.8 32.2 96.6





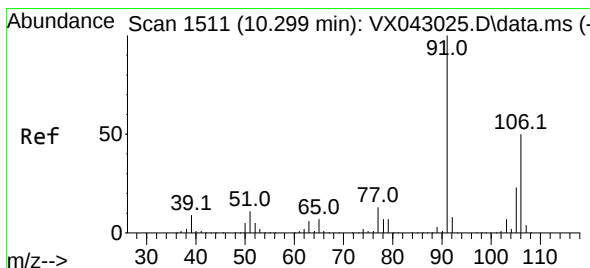
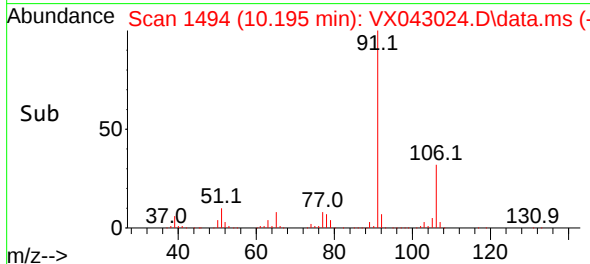
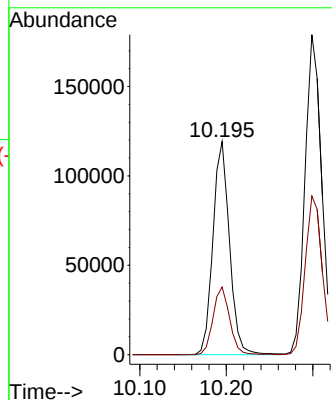
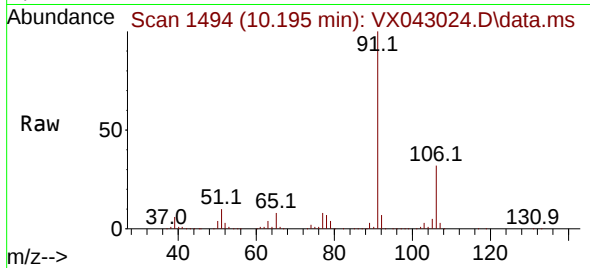
#67
Ethyl Benzene
Concen: 21.979 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 158409
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

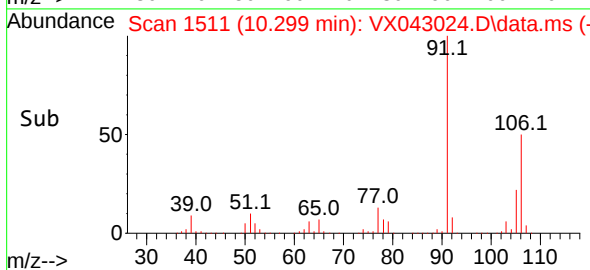
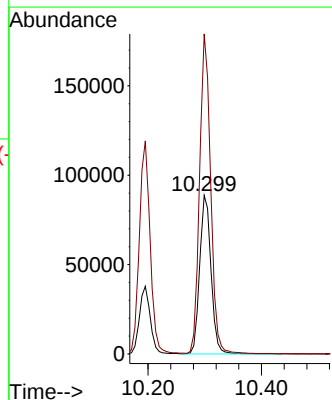
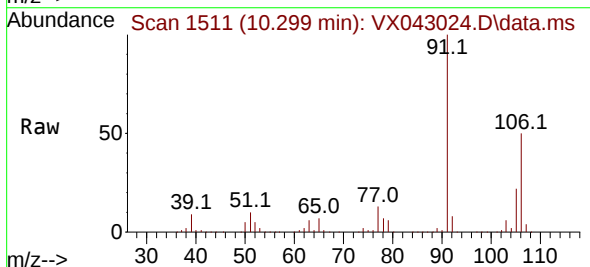
Manual Integrations
APPROVED

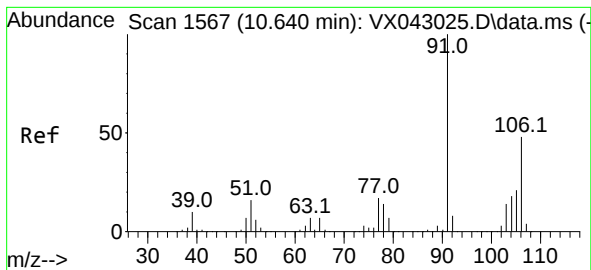
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#68
m/p-Xylenes
Concen: 44.444 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion:106 Resp: 123176
Ion Ratio Lower Upper
106 100
91 197.5 165.5 248.3





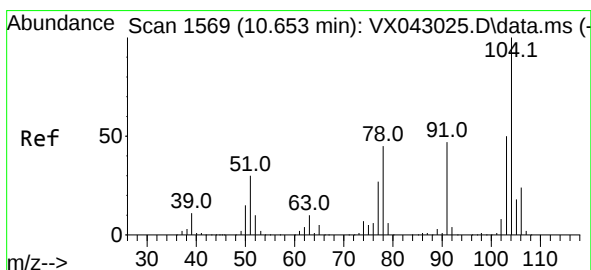
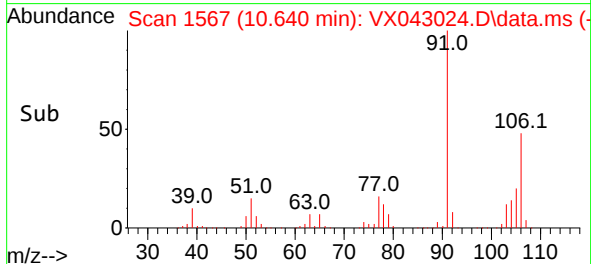
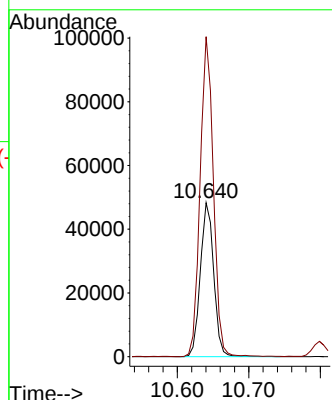
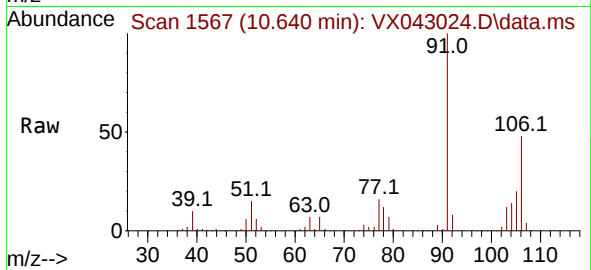
#69
o-Xylene
Concen: 22.492 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 62624
Ion Ratio Lower Upper
106 100
91 206.3 108.9 326.8

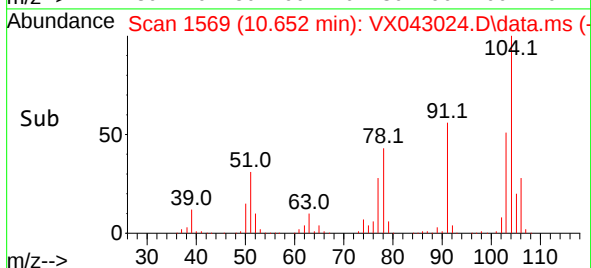
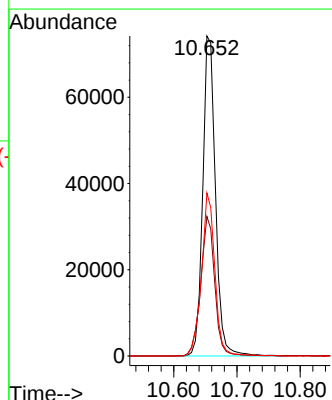
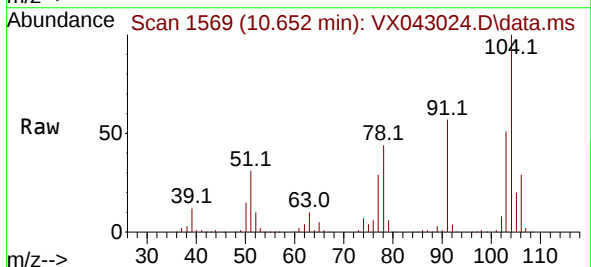
Manual Integrations
APPROVED

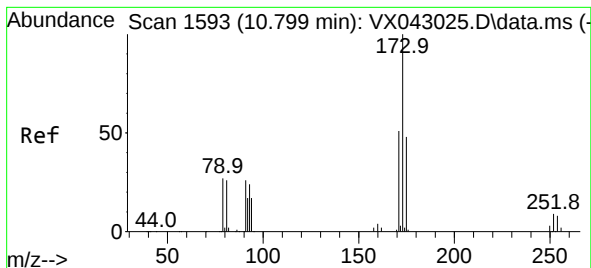
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#70
Styrene
Concen: 22.322 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion:104 Resp: 104203
Ion Ratio Lower Upper
104 100
78 47.9 43.6 65.4
103 53.7 43.6 65.4





#71

Bromoform

Concen: 21.673 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

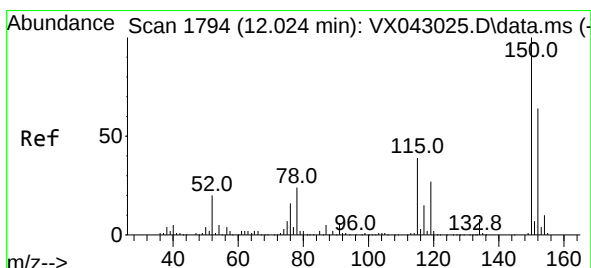
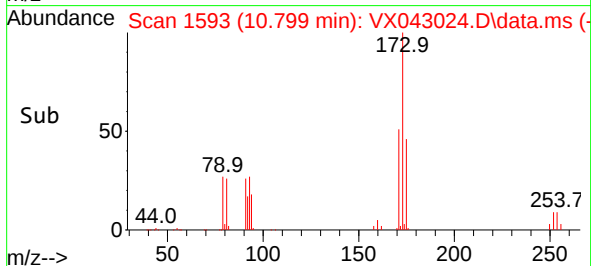
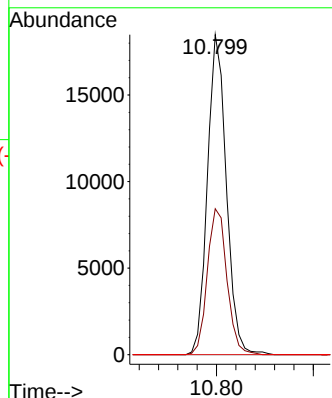
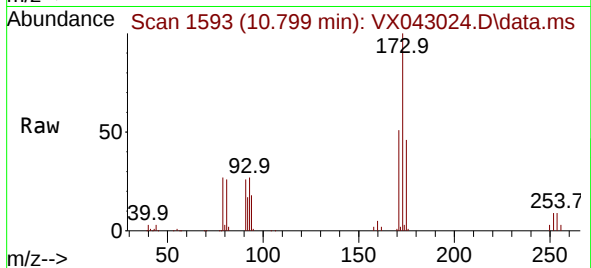
Tgt Ion:173	Resp:	2515
Ion Ratio	Lower	Upper
173	100	
175	47.3	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

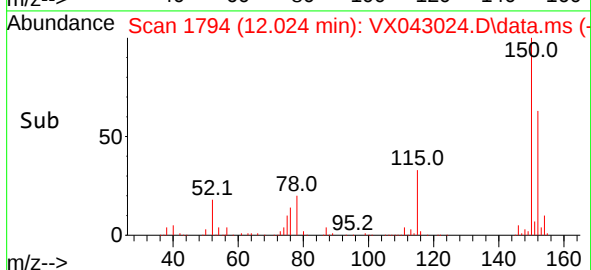
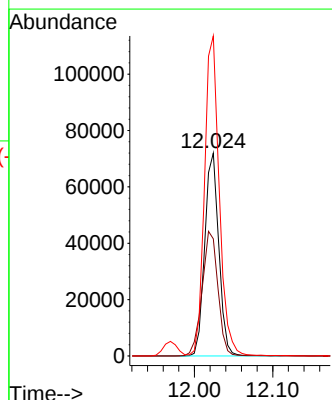
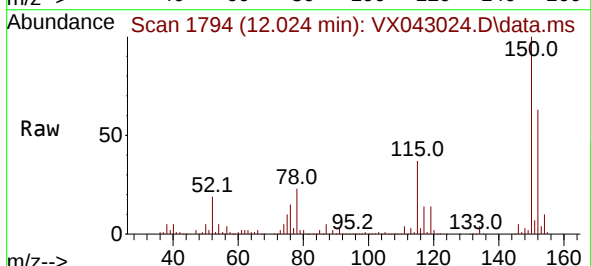
RT: 12.024 min Scan# 1794

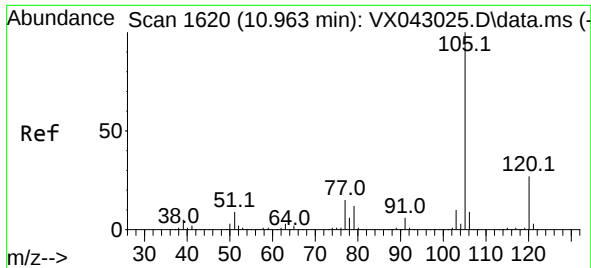
Delta R.T. 0.006 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

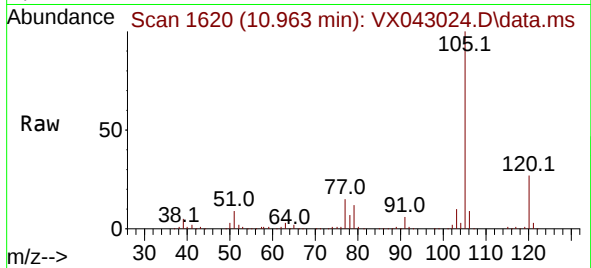
Tgt Ion:152	Resp:	89759
Ion Ratio	Lower	Upper
152	100	
115	69.3	43.3 129.9
150	164.5	0.0 345.0





#73
Isopropylbenzene
Concen: 22.310 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

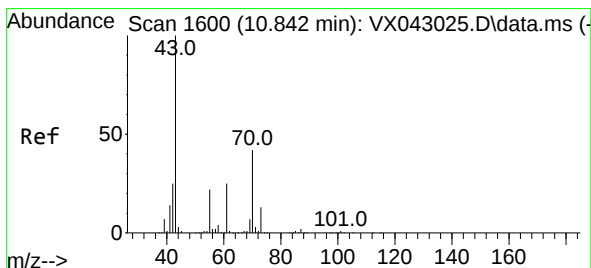
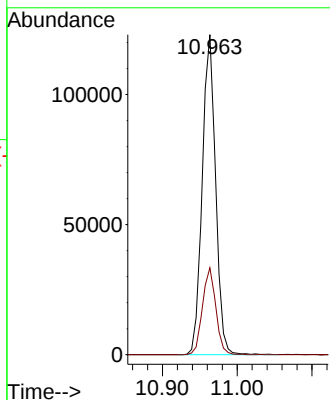
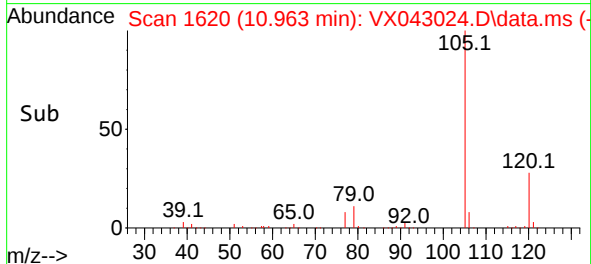
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



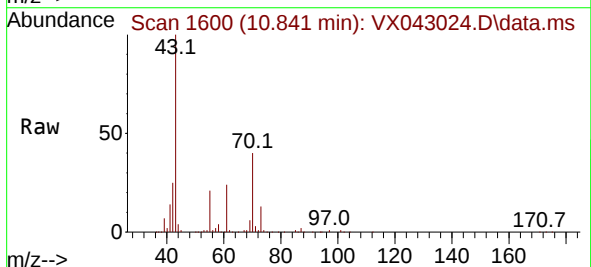
Tgt Ion:105 Resp: 15275
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.6

Manual Integrations
APPROVED

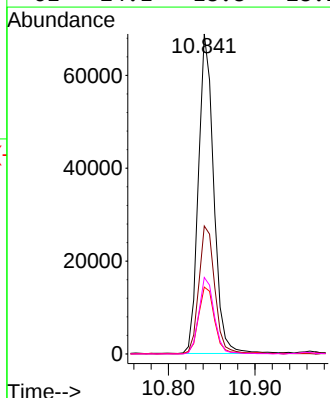
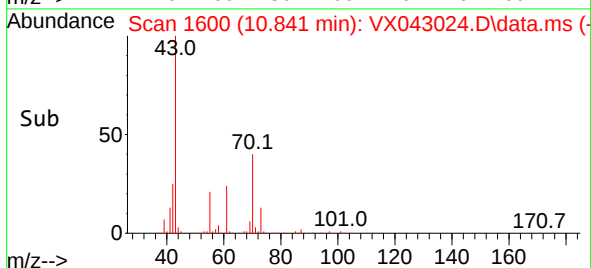
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

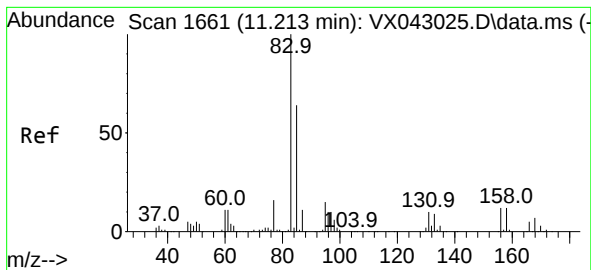


#74
N-ethyl acetate
Concen: 21.652 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07



Tgt Ion: 43 Resp: 84442
Ion Ratio Lower Upper
43 100
70 42.1 32.9 49.3
55 21.7 19.3 28.9
61 24.1 18.8 28.2





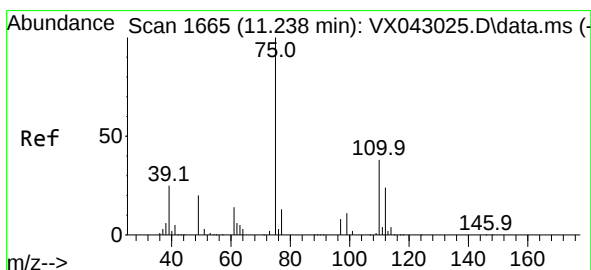
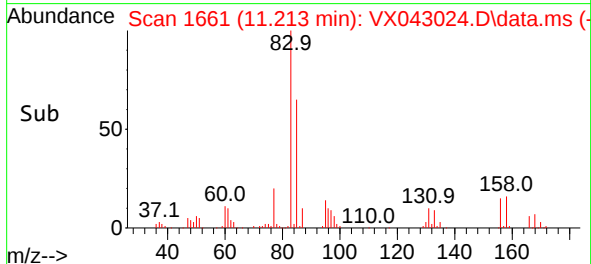
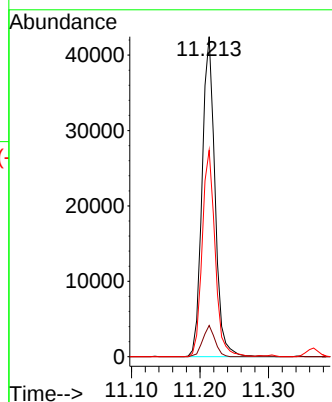
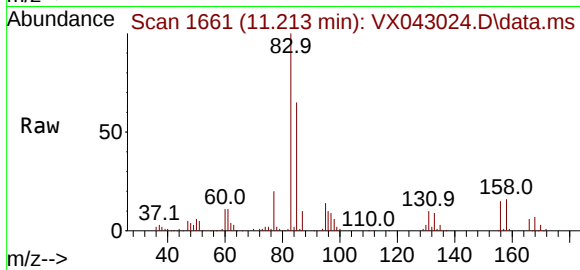
#75
1,1,2,2-Tetrachloroethane
Concen: 21.160 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 55769
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 64.6 32.0 96.2

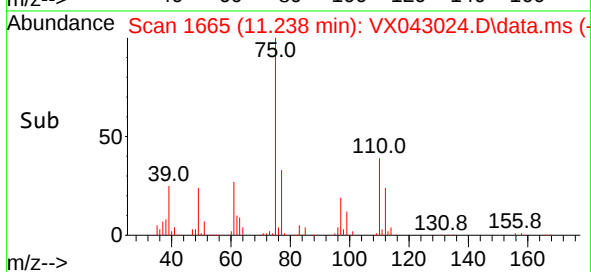
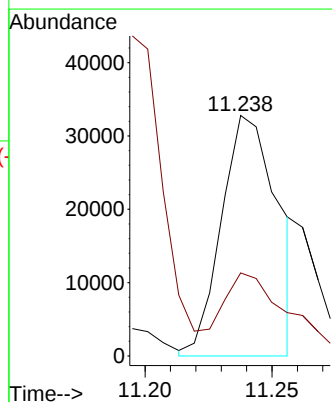
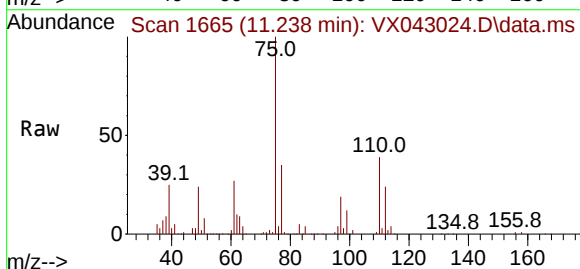
Manual Integrations
APPROVED

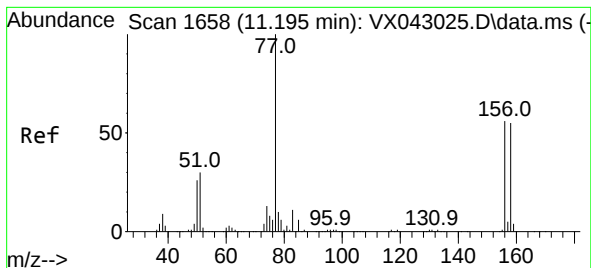
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#76
1,2,3-Trichloropropane
Concen: 19.211 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 75 Resp: 50390
Ion Ratio Lower Upper
75 100
77 41.2 19.1 57.5





#77

Bromobenzene

Concen: 21.795 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

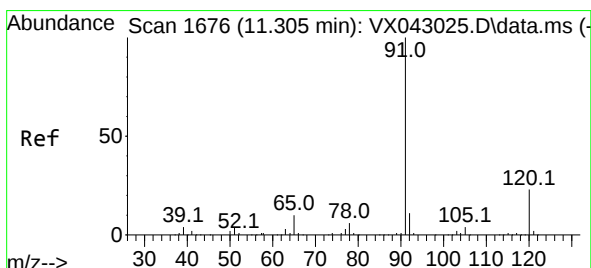
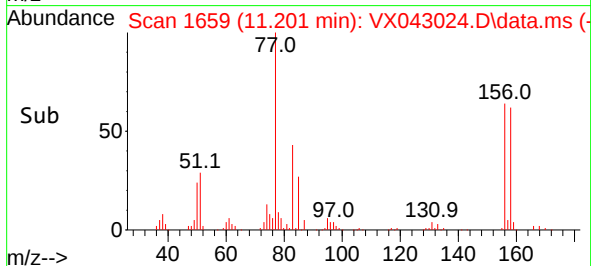
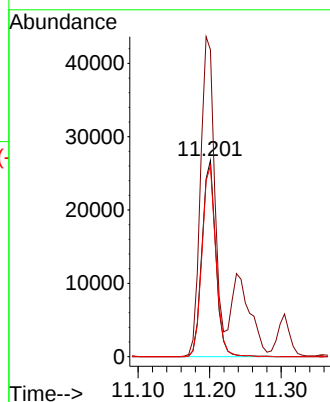
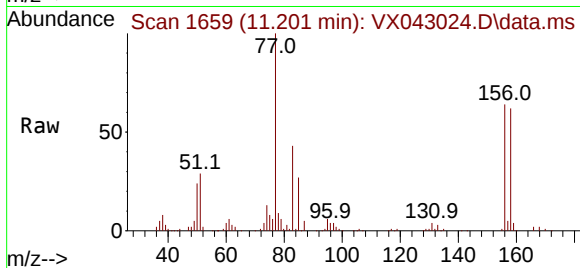
Tgt Ion:	156	Resp:	35850
Ion Ratio	Lower	Upper	
156	100		
77	166.5	88.4	265.3
158	98.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#78

n-propylbenzene

Concen: 22.160 ug/l

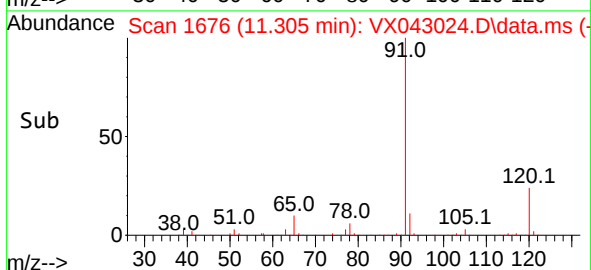
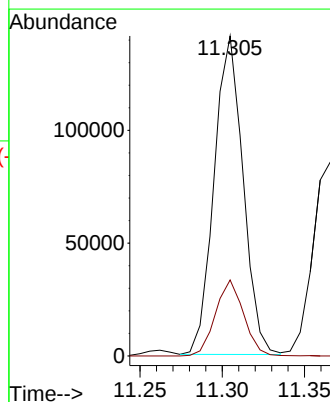
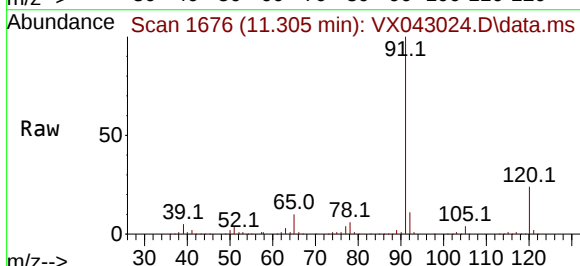
RT: 11.305 min Scan# 1676

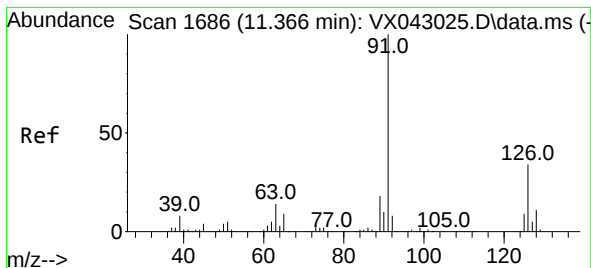
Delta R.T. -0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Tgt Ion:	91	Resp:	172918
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





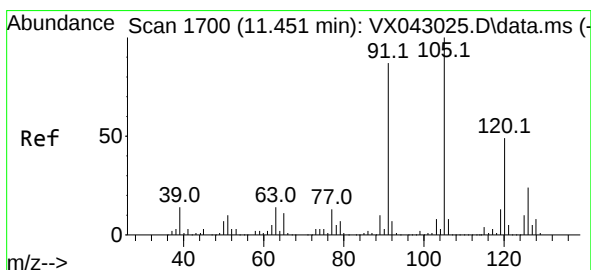
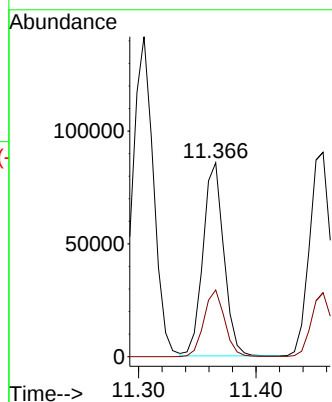
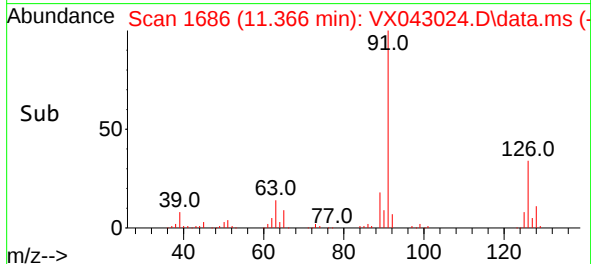
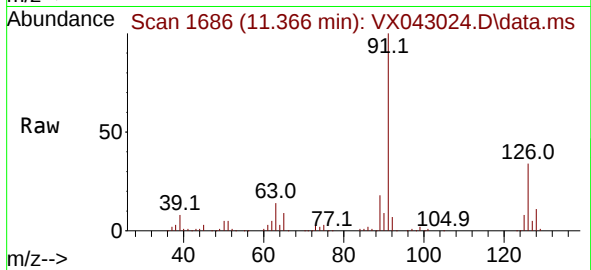
#79
2-Chlorotoluene
Concen: 21.669 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 105233
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

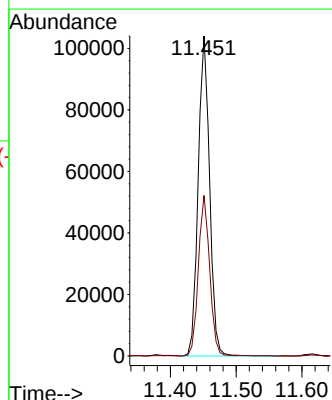
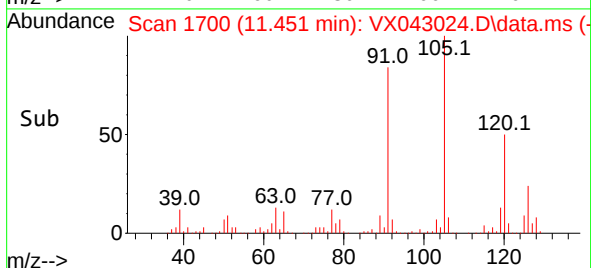
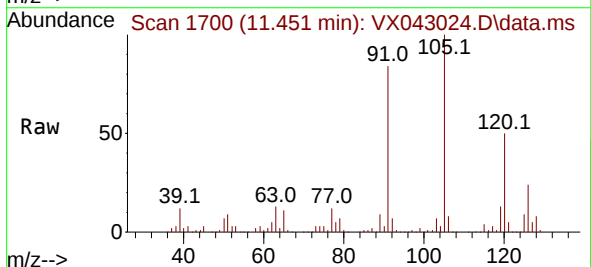
Manual Integrations
APPROVED

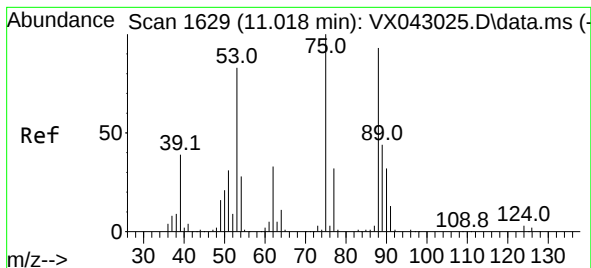
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 22.196 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion:105 Resp: 125197
Ion Ratio Lower Upper
105 100
120 49.9 24.1 72.3





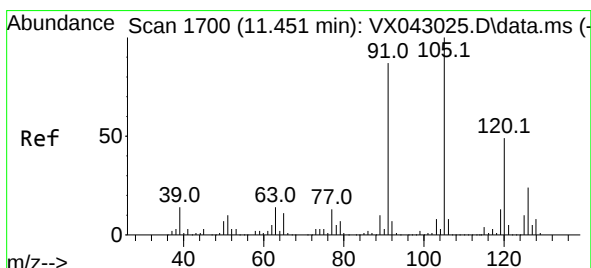
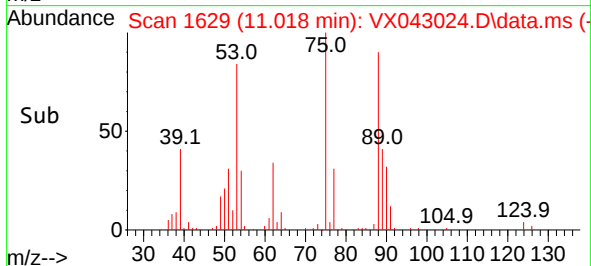
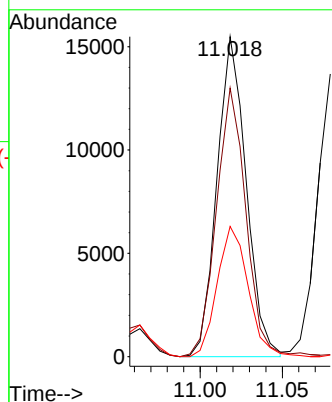
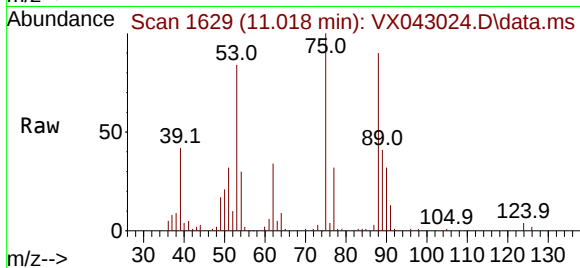
#81
trans-1,4-Dichloro-2-butene
Concen: 20.290 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 19130
Ion Ratio Lower Upper
75 100
53 85.1 90.5 135.7
89 43.2 36.9 55.3

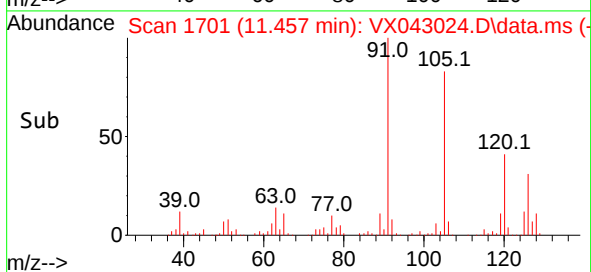
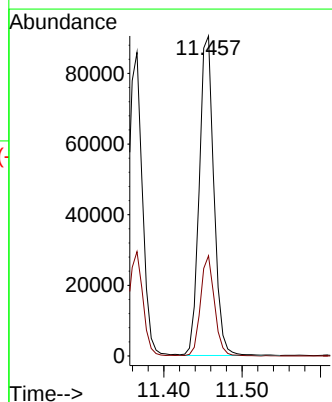
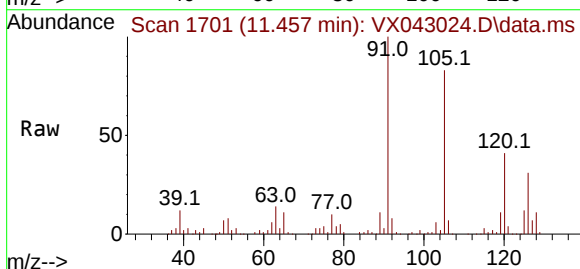
Manual Integrations
APPROVED

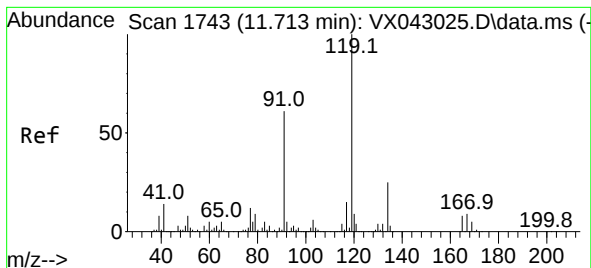
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#82
4-Chlorotoluene
Concen: 21.704 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion: 91 Resp: 117457
Ion Ratio Lower Upper
91 100
126 30.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 21.790 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 127200

Ion Ratio Lower Upper

119 100

91 57.4 31.2 93.6

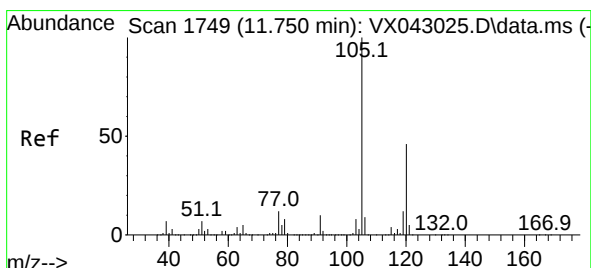
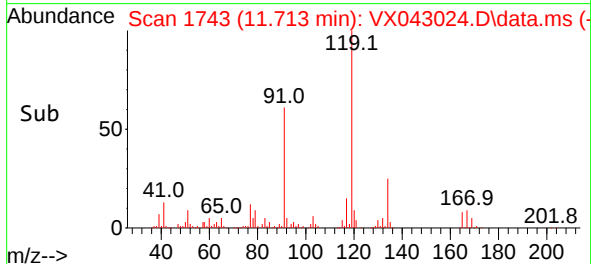
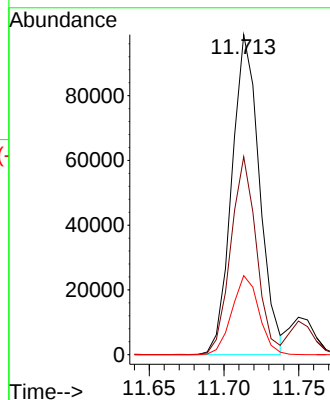
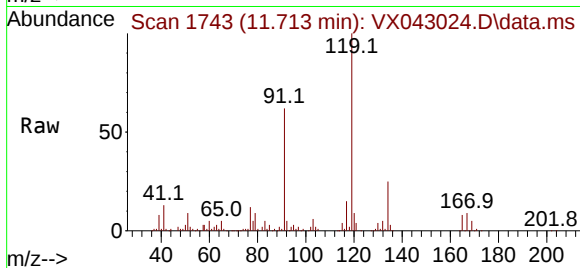
134 24.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.062 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043024.D

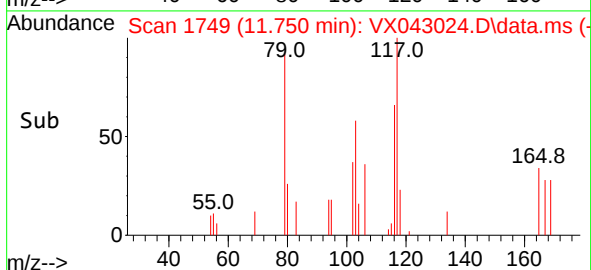
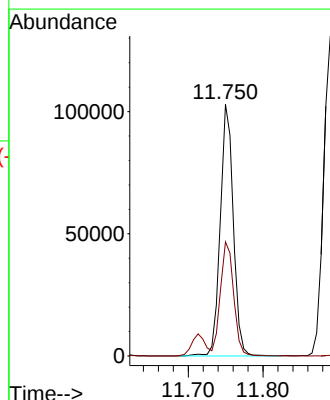
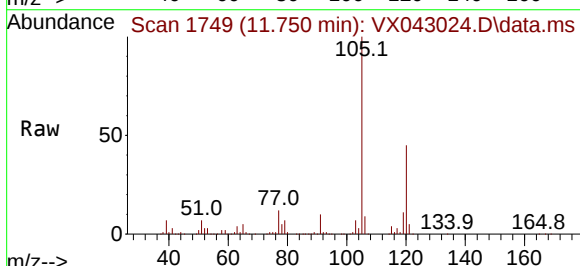
Acq: 14 Aug 2024 12:07

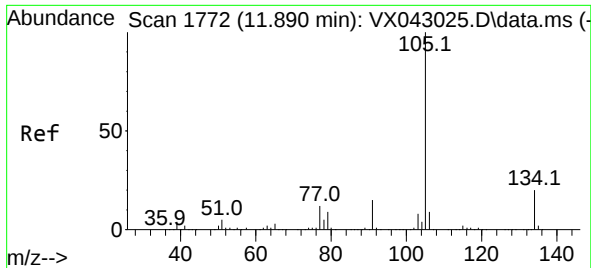
Tgt Ion:105 Resp: 125541

Ion Ratio Lower Upper

105 100

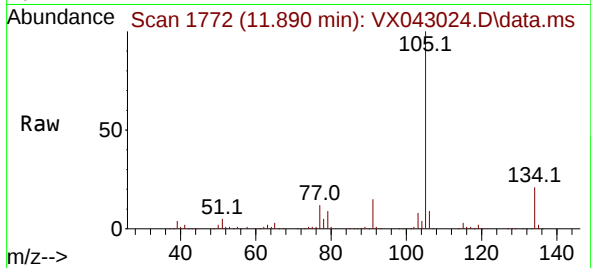
120 45.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 22.303 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043024.D
 Acq: 14 Aug 2024 12:07

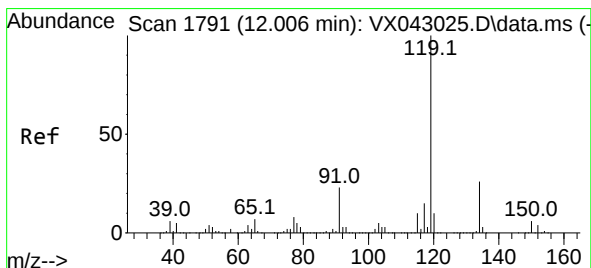
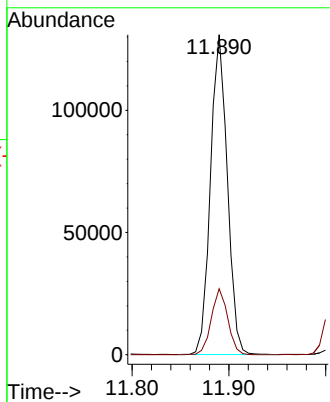
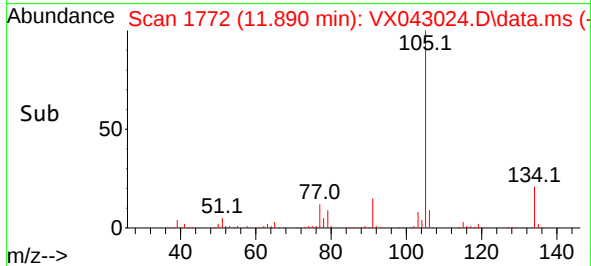
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



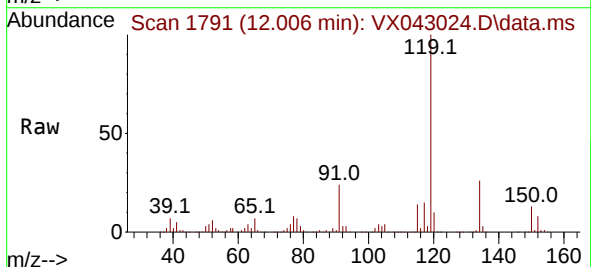
Tgt Ion:105 Resp: 15804
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
 APPROVED

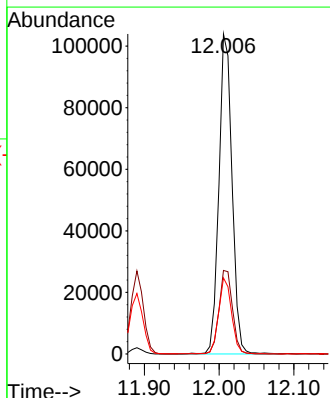
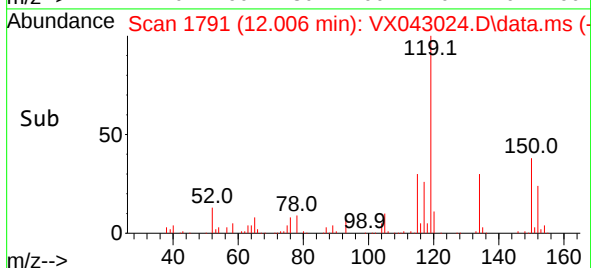
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

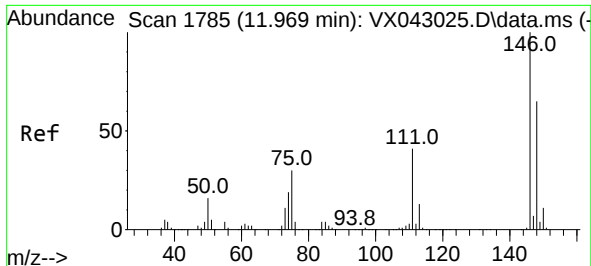


#86
 p-Isopropyltoluene
 Concen: 22.010 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043024.D
 Acq: 14 Aug 2024 12:07



Tgt Ion:119 Resp: 127430
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 23.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 21.686 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 6414

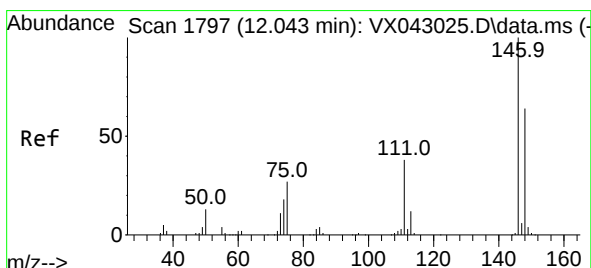
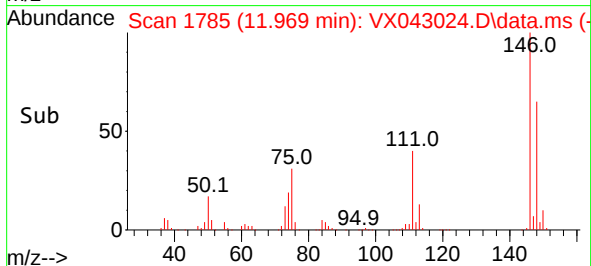
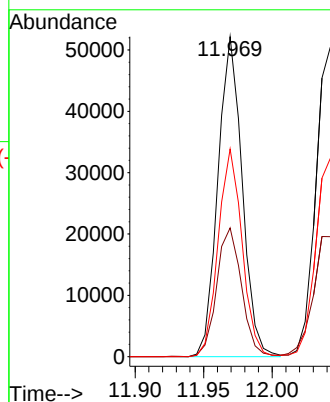
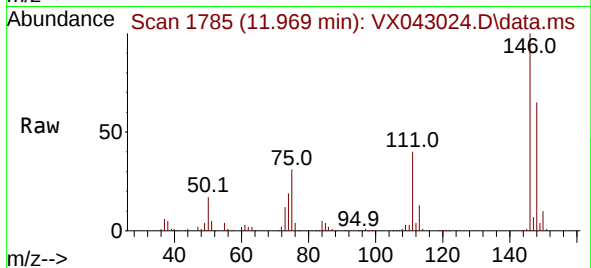
Ion	Ratio	Lower	Upper
146	100		
111	41.3	22.1	66.1
148	64.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#88

1,4-Dichlorobenzene

Concen: 21.545 ug/l

RT: 12.042 min Scan# 1797

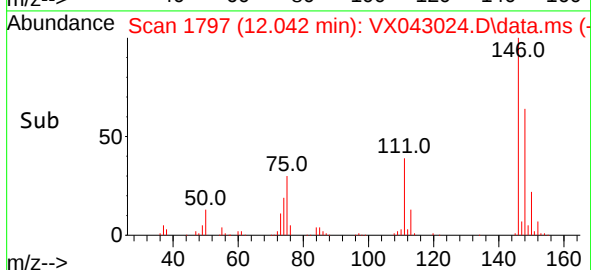
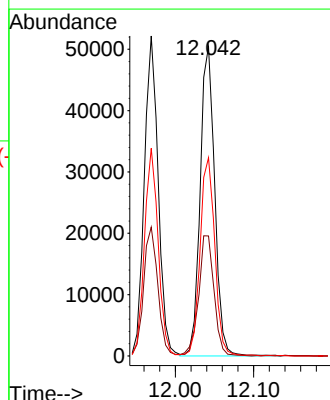
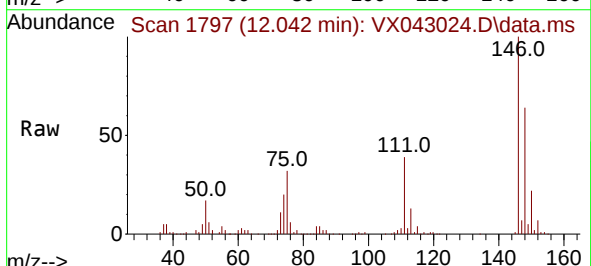
Delta R.T. -0.001 min

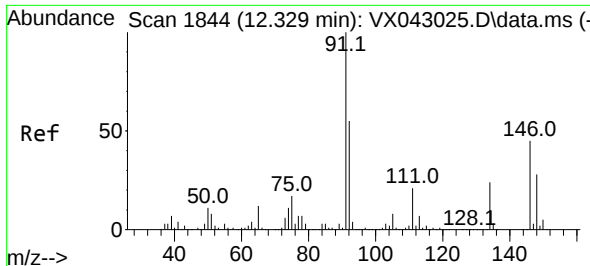
Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Tgt Ion:146 Resp: 65200

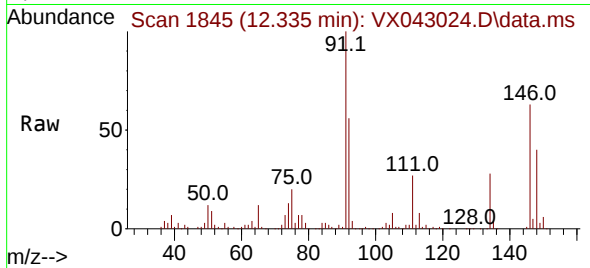
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	64.6	31.8	95.4





#89
n-Butylbenzene
Concen: 21.114 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

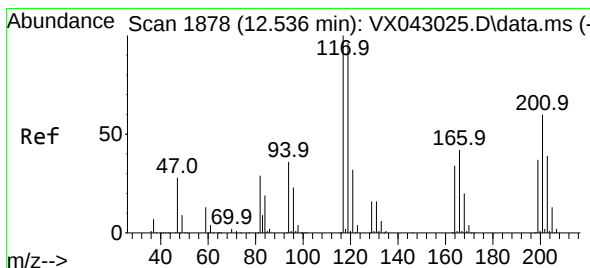
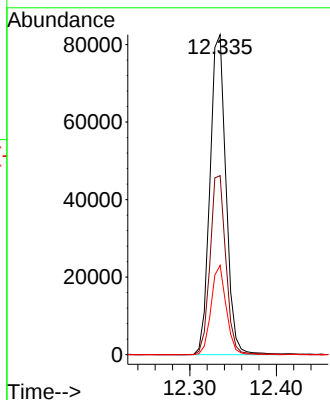
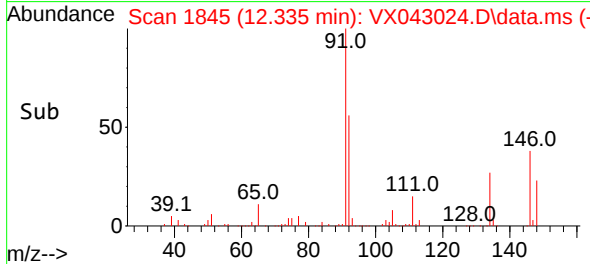
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 10582
Ion Ratio Lower Upper
91 100
92 55.5 27.4 82.0
134 26.5 12.6 37.8

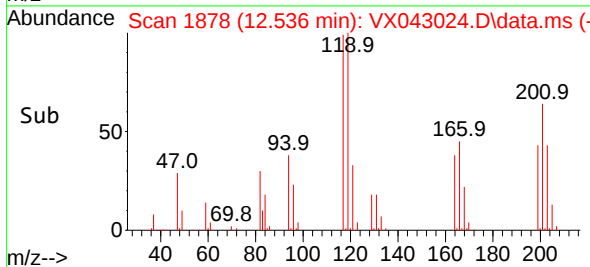
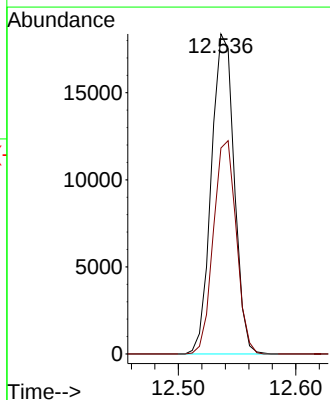
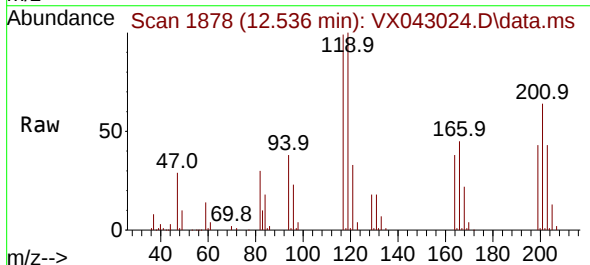
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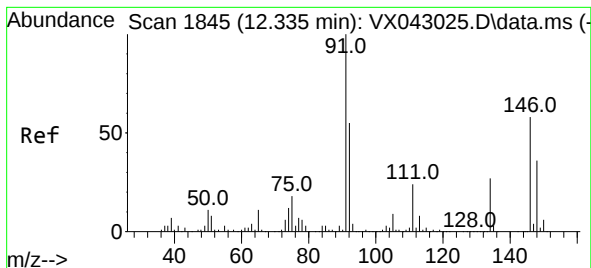
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#90
Hexachloroethane
Concen: 21.373 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion:117 Resp: 24853
Ion Ratio Lower Upper
117 100
201 66.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 22.163 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

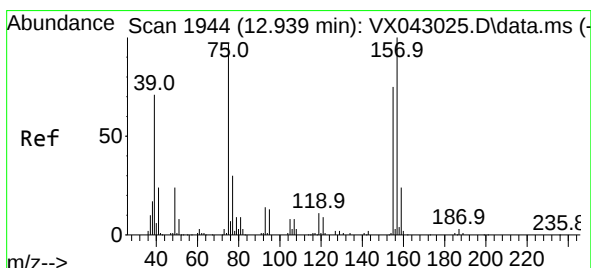
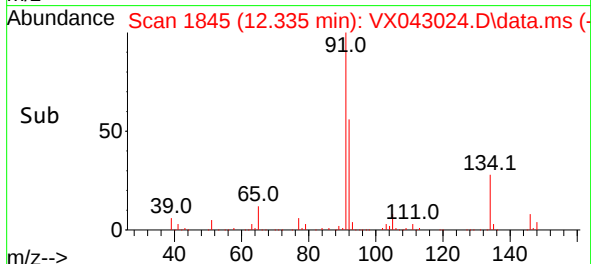
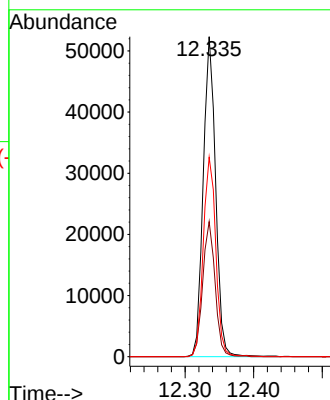
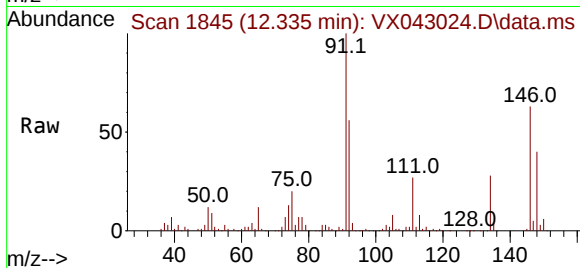
Tgt Ion:146	Resp:	6609
Ion Ratio	Lower	Upper
146	100	
111	42.2	22.4 67.0
148	63.3	31.6 95.0

Manual Integrations

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.095 ug/l

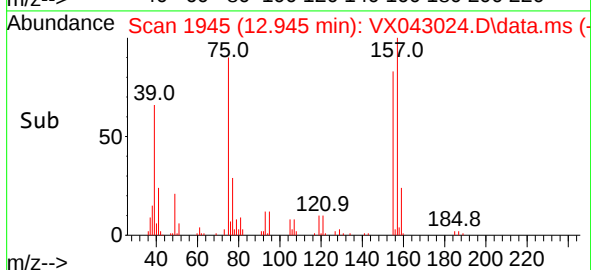
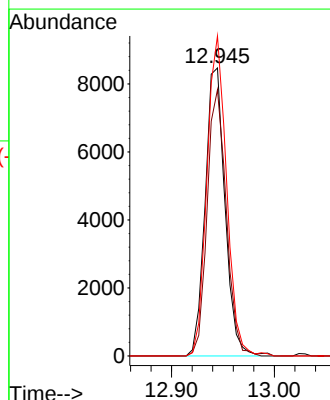
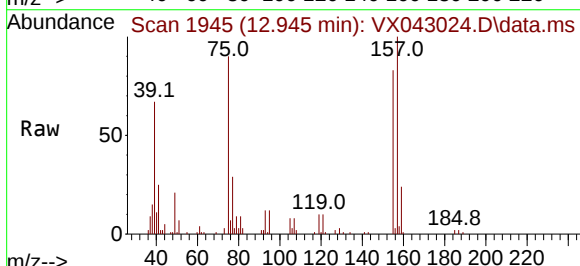
RT: 12.945 min Scan# 1945

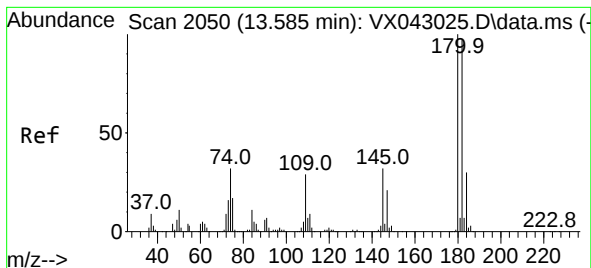
Delta R.T. 0.006 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Tgt Ion: 75	Resp:	11392
Ion Ratio	Lower	Upper
75	100	
155	89.2	36.1 108.5
157	110.1	44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.942 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

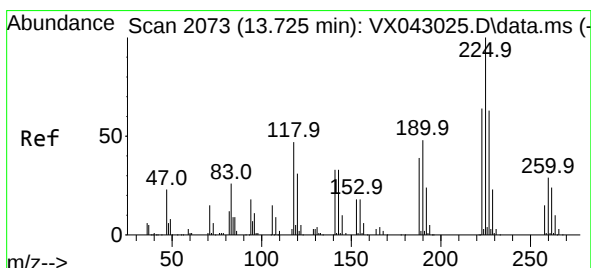
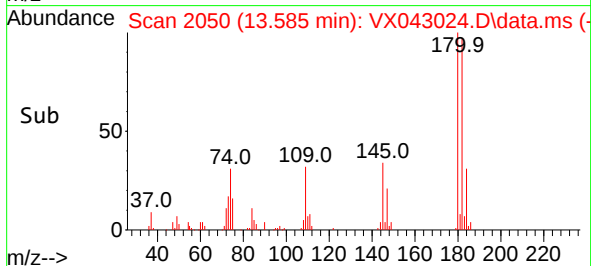
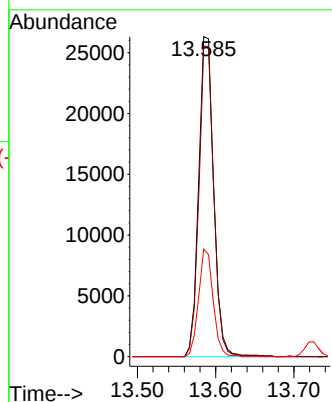
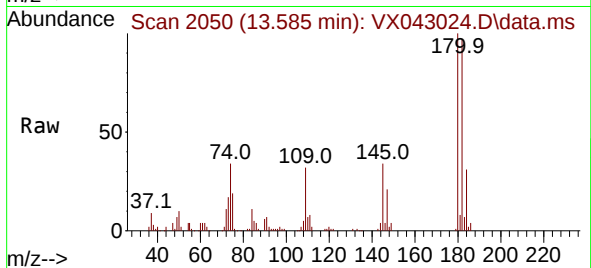
Tgt Ion:	180	Resp:	3515
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.3	144.8
145	32.6	18.0	54.0

Manual Integrations

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#94

Hexachlorobutadiene

Concen: 21.991 ug/l

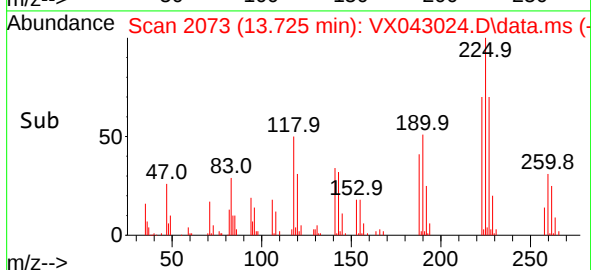
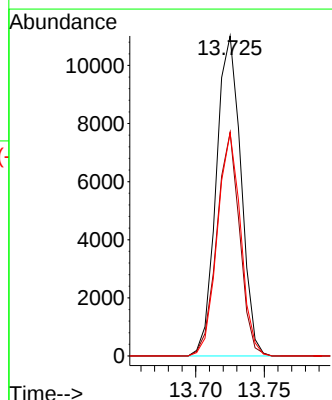
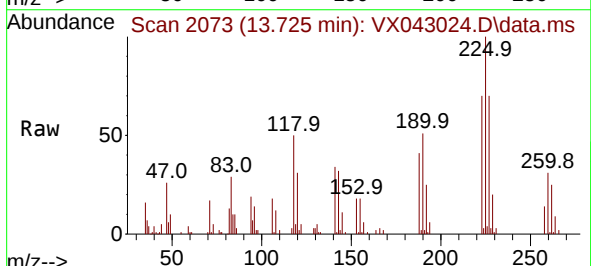
RT: 13.725 min Scan# 2073

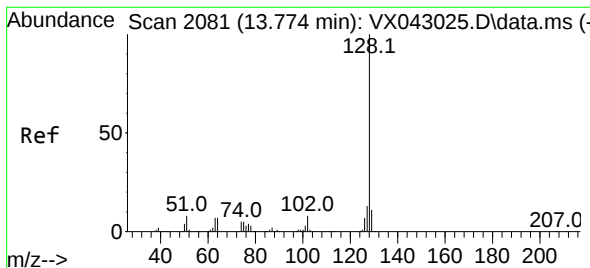
Delta R.T. 0.000 min

Lab File: VX043024.D

Acq: 14 Aug 2024 12:07

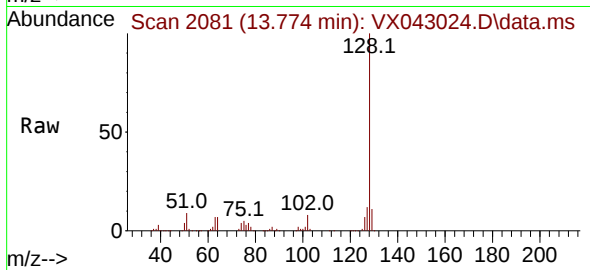
Tgt Ion:	225	Resp:	13774
Ion Ratio	Lower	Upper	
225	100		
223	64.6	31.1	93.2
227	65.8	32.5	97.5





#95
Naphthalene
Concen: 21.684 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

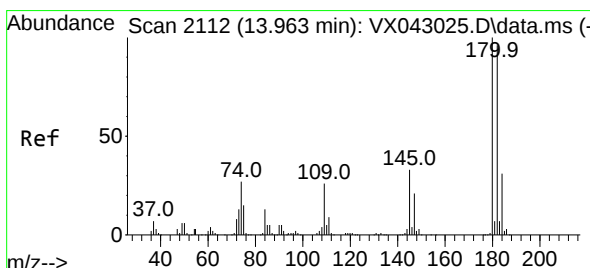
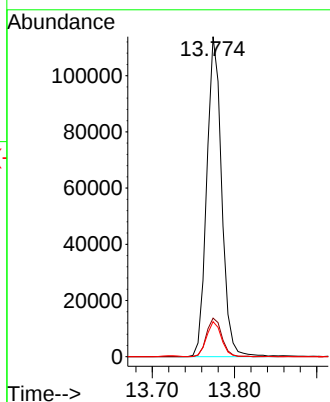
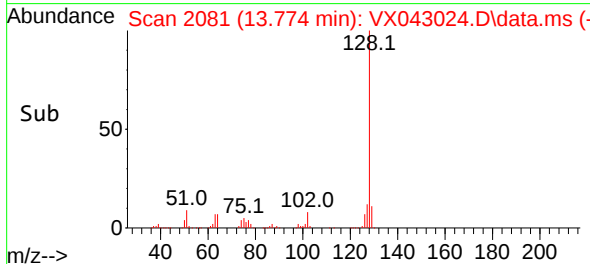
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 14374
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 21.835 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX043024.D
Acq: 14 Aug 2024 12:07

Tgt Ion:180 Resp: 37486
Ion Ratio Lower Upper
180 100
182 97.1 46.9 140.6
145 33.8 17.8 53.5

