

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040178.D
 Acq On : 09 Feb 2024 16:56
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 05:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	21290	17.142	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	34.280%#		
35) Dibromofluoromethane	5.391	113	17042	17.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.760%#		
50) Toluene-d8	8.647	98	64778	17.658	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	35.320%#		
62) 4-Bromofluorobenzene	11.079	95	25940	17.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18063	19.155	ug/l	97
3) Chloromethane	1.294	50	19717	20.276	ug/l	98
4) Vinyl Chloride	1.374	62	21665	21.083	ug/l	98
5) Bromomethane	1.599	94	11903	20.526	ug/l	100
6) Chloroethane	1.679	64	13233	20.418	ug/l	99
7) Trichlorofluoromethane	1.880	101	33750	20.451	ug/l	98
8) Diethyl Ether	2.136	74	12533	20.217	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	18244	20.610	ug/l	98
10) Methyl Iodide	2.453	142	19698	20.043	ug/l	92
11) Tert butyl alcohol	2.965	59	24178	99.945	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	17810	20.896	ug/l	90
13) Acrolein	2.239	56	19635	91.702	ug/l	94
14) Allyl chloride	2.660	41	29840	20.175	ug/l	97
15) Acrylonitrile	3.062	53	56762	104.867	ug/l	98
16) Acetone	2.380	43	52851	103.613	ug/l	94
17) Carbon Disulfide	2.508	76	44846	19.930	ug/l	100
18) Methyl Acetate	2.703	43	29042	21.239	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	62596	20.847	ug/l	100
20) Methylene Chloride	2.788	84	19727	19.662	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	19449	20.036	ug/l	99
22) Diisopropyl ether	3.764	45	62439	20.815	ug/l	93
23) Vinyl Acetate	3.721	43	278463	104.133	ug/l	98
24) 1,1-Dichloroethane	3.605	63	35248	20.172	ug/l	99
25) 2-Butanone	4.562	43	81748	102.528	ug/l	97
26) 2,2-Dichloropropane	4.471	77	26613	19.785	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	22780	20.572	ug/l	93
28) Bromochloromethane	4.897	49	14725	19.849	ug/l	92
29) Tetrahydrofuran	5.007	42	53846	103.659	ug/l	96
30) Chloroform	5.093	83	38399	20.326	ug/l	98
31) Cyclohexane	5.471	56	30800	20.792	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	31407	19.761	ug/l	98
36) 1,1-Dichloropropene	5.690	75	27224	19.817	ug/l	96
37) Ethyl Acetate	4.721	43	30660	20.058	ug/l	98
38) Carbon Tetrachloride	5.678	117	25522	19.540	ug/l	99
39) Methylcyclohexane	7.379	83	32305	20.235	ug/l	96
40) Benzene	6.037	78	78219	20.361	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16647	20.833	ug/l	94
42) 1,2-Dichloroethane	6.086	62	30601	20.379	ug/l	98
43) Isopropyl Acetate	6.342	43	47974	20.105	ug/l	97
44) Trichloroethene	7.129	130	21841	20.611	ug/l	97
45) 1,2-Dichloropropane	7.434	63	21559	21.561	ug/l	92
46) Dibromomethane	7.580	93	15024	20.401	ug/l	93
47) Bromodichloromethane	7.824	83	28594	20.151	ug/l	100
48) Methyl methacrylate	7.696	41	25727	21.071	ug/l	94
49) 1,4-Dioxane	7.659	88	10969	412.966	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	168325	103.322	ug/l	99
52) Toluene	8.720	92	50398	20.028	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	28833	18.205	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	32064	20.163	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21391	19.931	ug/l #	90
56) Ethyl methacrylate	9.116	69	31704	19.732	ug/l	98
57) 1,3-Dichloropropane	9.311	76	35481	20.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	75858	99.805	ug/l	99
59) 2-Hexanone	9.427	43	134783	104.349	ug/l	98
60) Dibromochloromethane	9.519	129	21695	19.841	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23178	20.317	ug/l	99
64) Tetrachloroethene	9.275	164	18966	20.316	ug/l	97
65) Chlorobenzene	10.079	112	56868	20.454	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	19987	20.756	ug/l	99
67) Ethyl Benzene	10.195	91	102980	20.797	ug/l	98
68) m/p-Xylenes	10.299	106	78305	41.871	ug/l	99
69) o-Xylene	10.640	106	37997	20.908	ug/l	99
70) Styrene	10.659	104	64021	21.189	ug/l	98
71) Bromoform	10.799	173	15334	18.244	ug/l #	95
73) Isopropylbenzene	10.963	105	101353	21.246	ug/l	99
74) N-amyl acetate	10.842	43	44120	21.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	36367	21.219	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30647m	22.345	ug/l	
77) Bromobenzene	11.195	156	23952	21.259	ug/l	95
78) n-propylbenzene	11.305	91	122367	21.188	ug/l	99
79) 2-Chlorotoluene	11.366	91	73259	21.006	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86415	21.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8686	20.071	ug/l	99
82) 4-Chlorotoluene	11.457	91	86035	20.821	ug/l	99
83) tert-Butylbenzene	11.713	119	82142	20.862	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86539	21.299	ug/l	99
85) sec-Butylbenzene	11.890	105	106770	21.100	ug/l	99
86) p-Isopropyltoluene	12.006	119	87995	21.214	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47325	21.199	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	48897	20.683	ug/l	99
89) n-Butylbenzene	12.335	91	83947	20.966	ug/l	97
90) Hexachloroethane	12.536	117	13262	20.270	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	45756	21.172	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8216	20.771	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	30239	20.438	ug/l	97
94) Hexachlorobutadiene	13.725	225	11385	19.280	ug/l	97
95) Naphthalene	13.774	128	97763	20.921	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29699	21.059	ug/l	98

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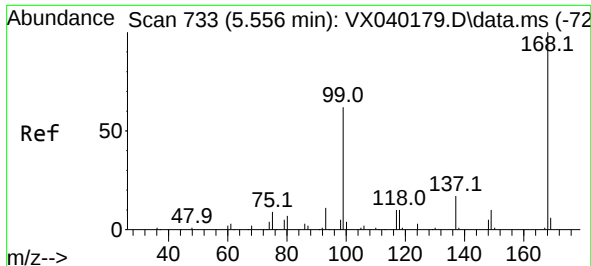
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

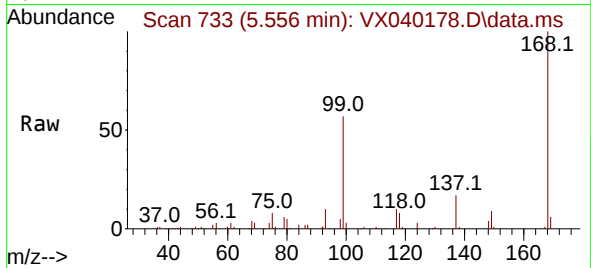
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

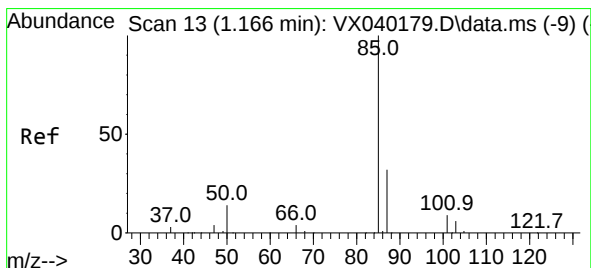
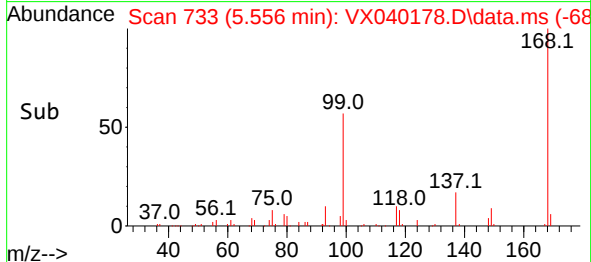
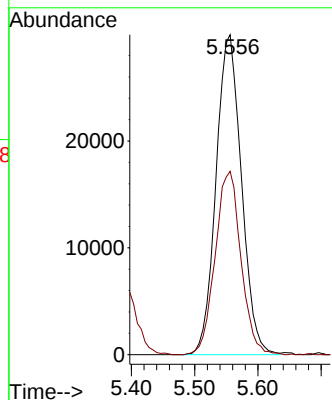
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 8348
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0

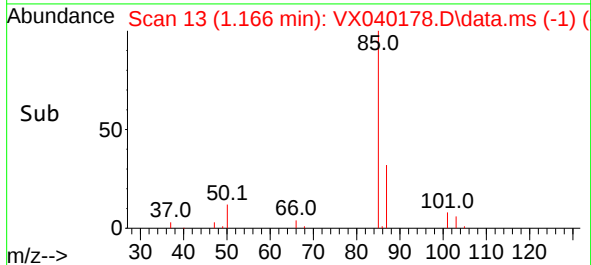
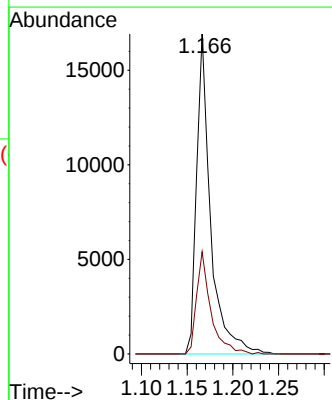
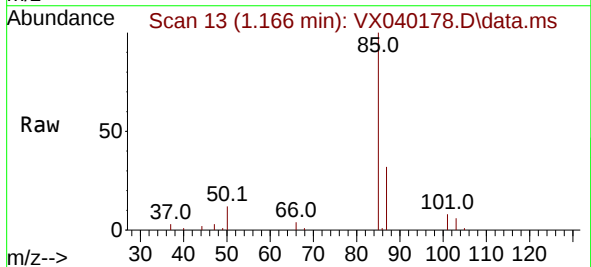
Manual Integrations
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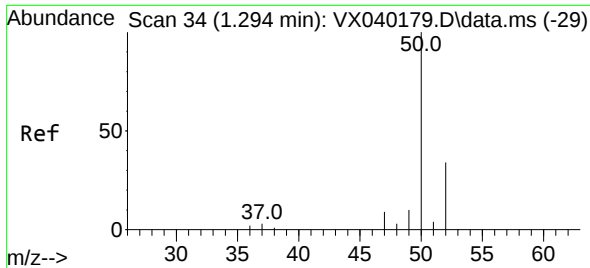
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 19.155 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 85 Resp: 18063
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





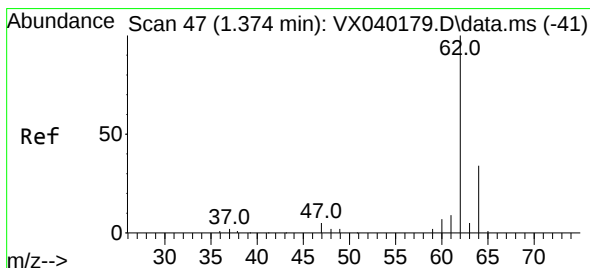
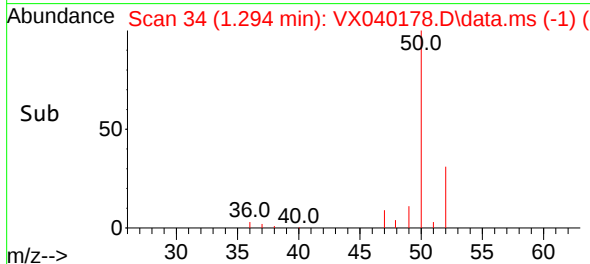
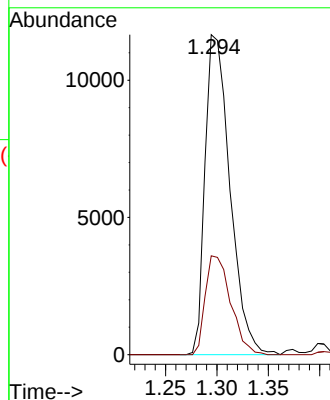
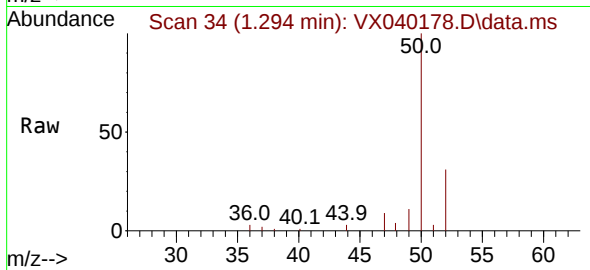
#3
Chloromethane
Concen: 20.276 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 1971
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3

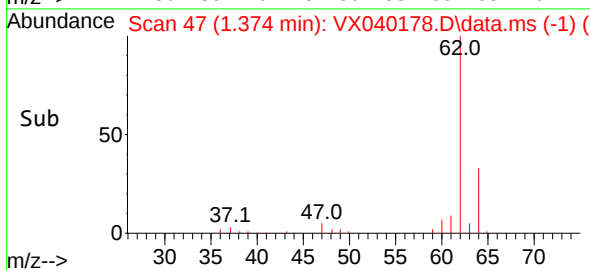
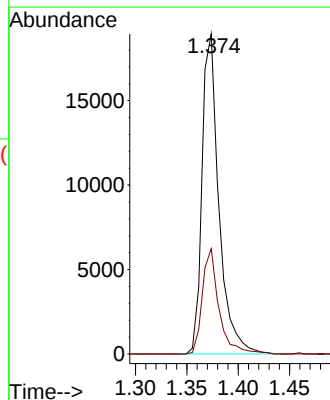
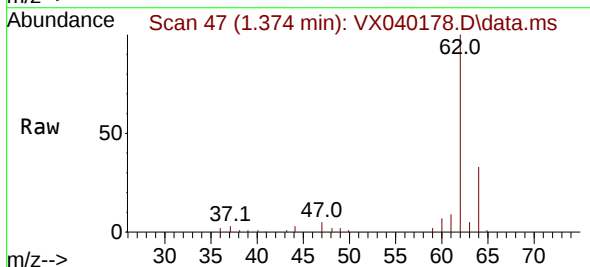
Manual Integrations
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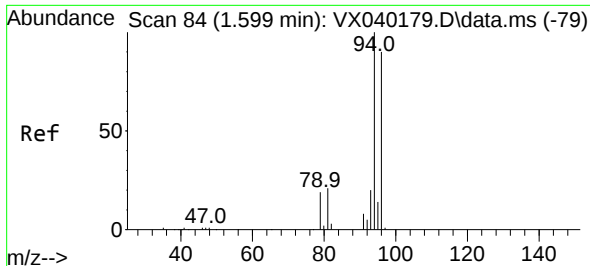
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#4
Vinyl Chloride
Concen: 21.083 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

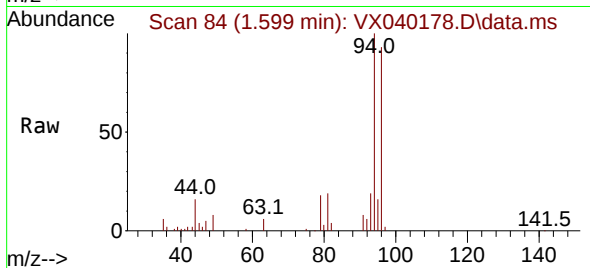
Tgt Ion: 62 Resp: 21665
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 20.526 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

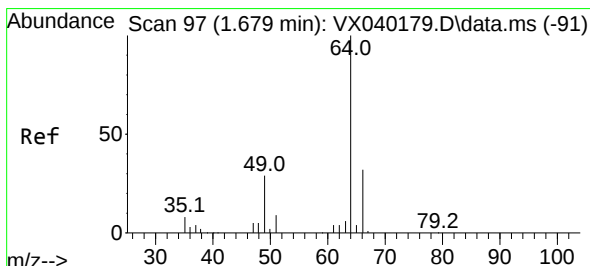
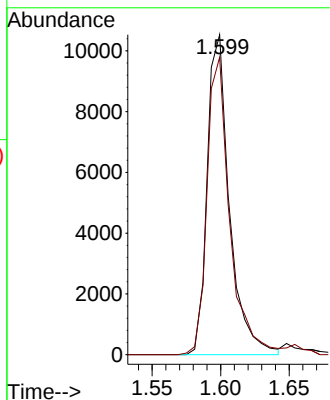
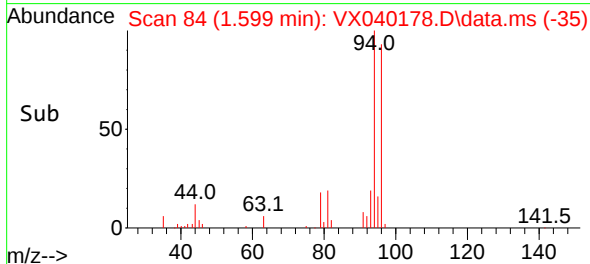
Instrument :
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Tgt Ion: 94 Resp: 1190
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8

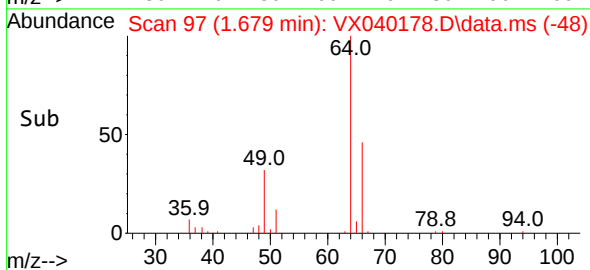
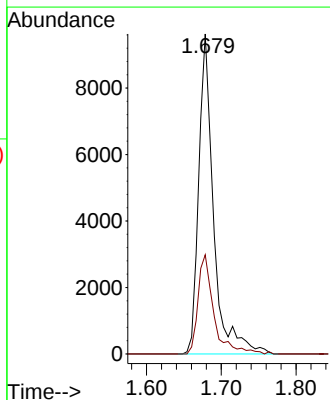
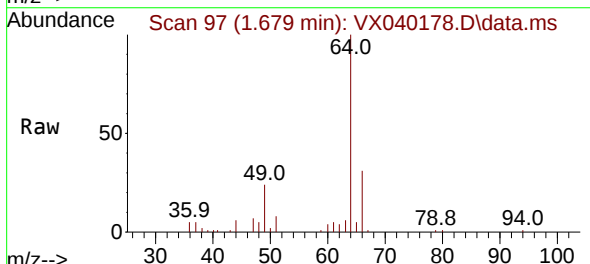
Manual Integrations
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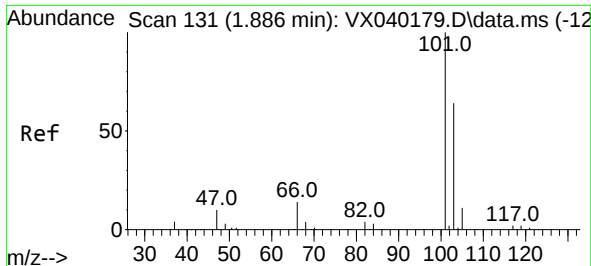
Reviewed By :John Carlone 02/12/2024
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#6
Chloroethane
Concen: 20.418 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 64 Resp: 13233
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 20.451 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040178.D
 Acq: 09 Feb 2024 16:56

Instrument :

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ClientSampleId :

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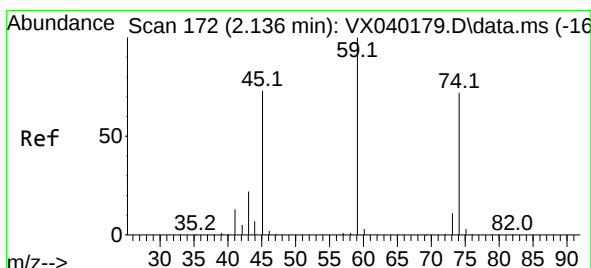
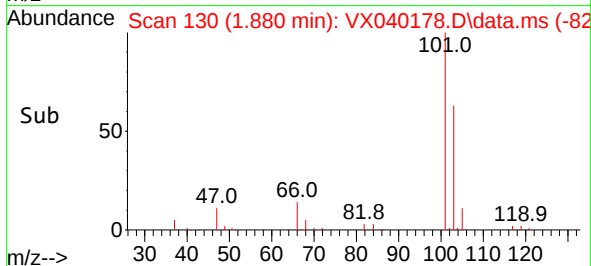
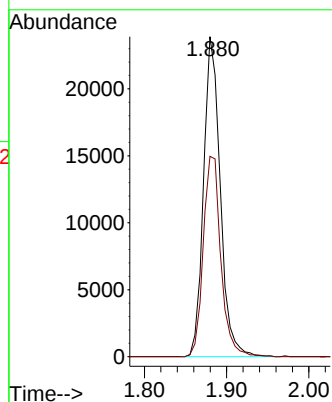
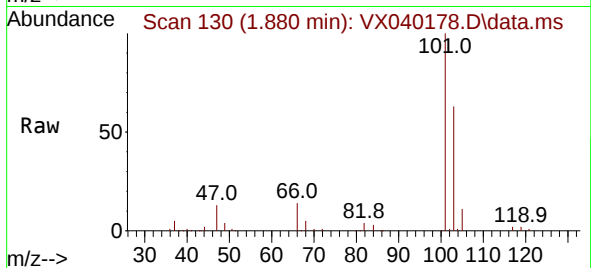
Tgt Ion:101 Resp: 33750
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.2

Manual Integrations

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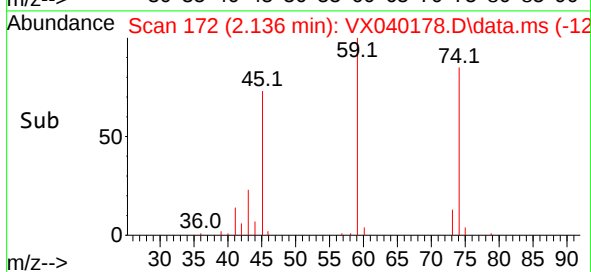
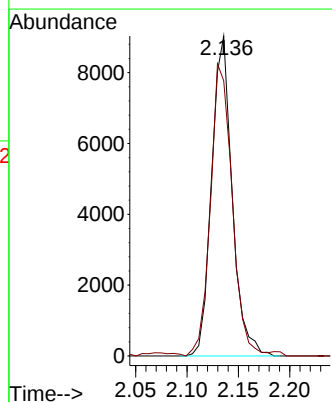
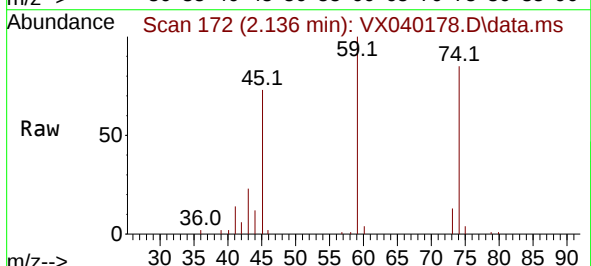
Reviewed By :John Carlone 02/12/2024

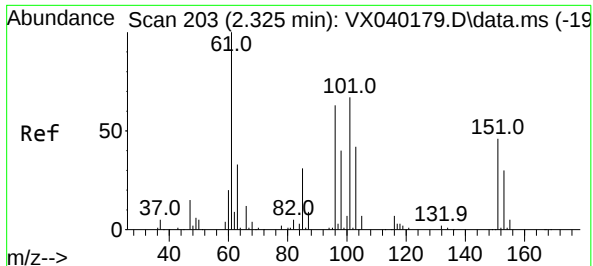
Supervised By :Mahesh Dadoda 02/12/2024



#8
 Diethyl Ether
 Concen: 20.217 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX040178.D
 Acq: 09 Feb 2024 16:56

Tgt Ion: 74 Resp: 12533
 Ion Ratio Lower Upper
 74 100
 45 97.2 53.3 159.8





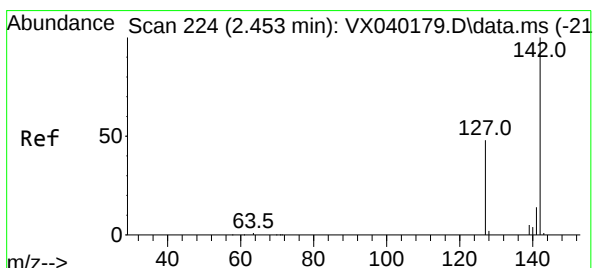
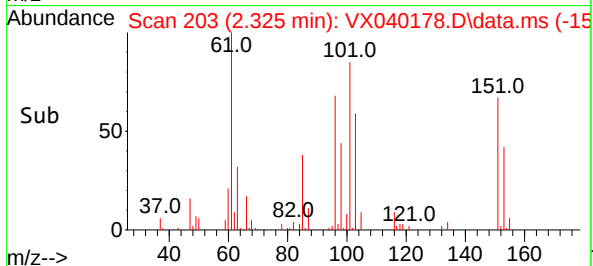
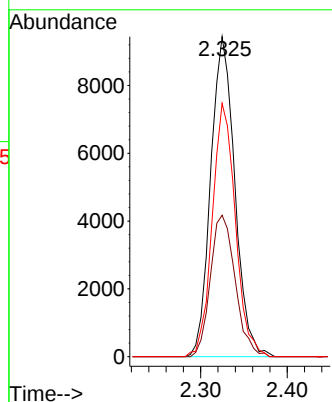
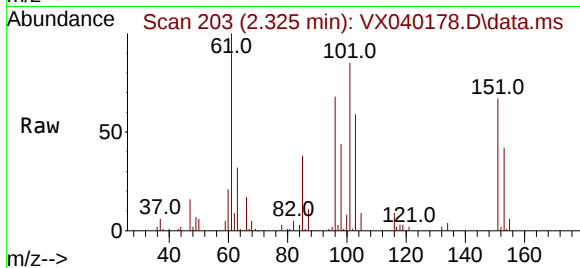
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.610 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1824
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.6
151 76.0 58.6 87.8

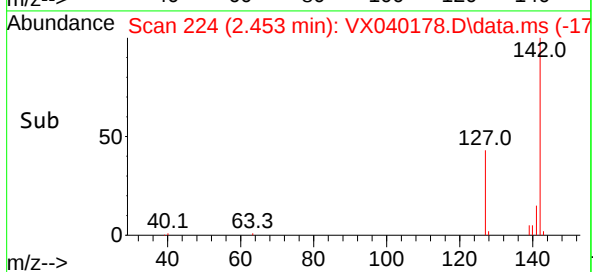
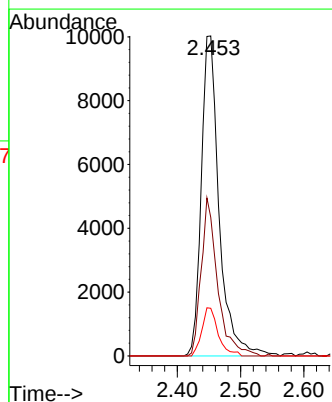
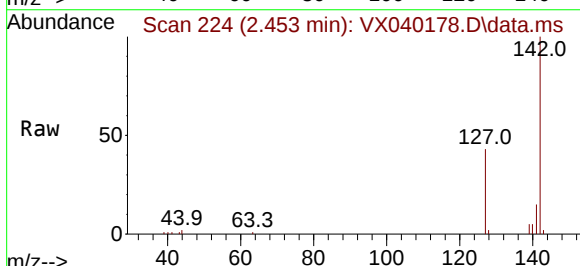
Manual Integrations
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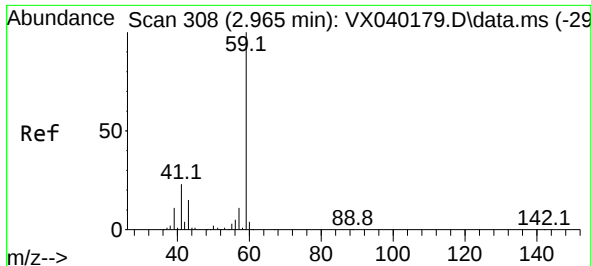
Reviewed By :John Carbone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
Methyl Iodide
Concen: 20.043 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion:142 Resp: 19698
Ion Ratio Lower Upper
142 100
127 45.6 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 99.945 ug/l

RT: 2.965 min Scan# 308

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 24178

Ion Ratio Lower Upper

59 100

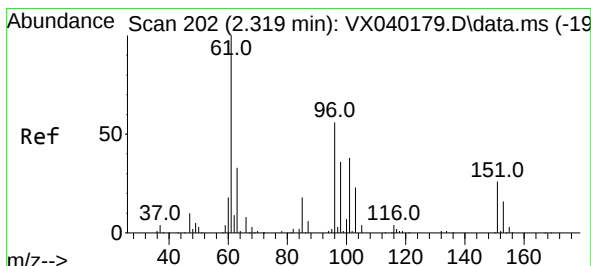
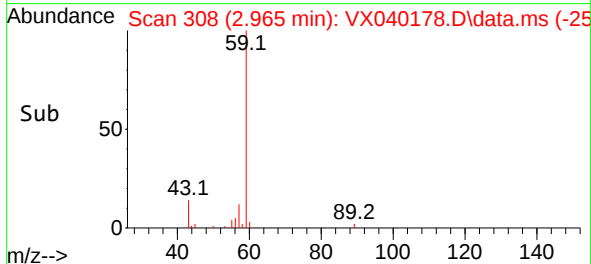
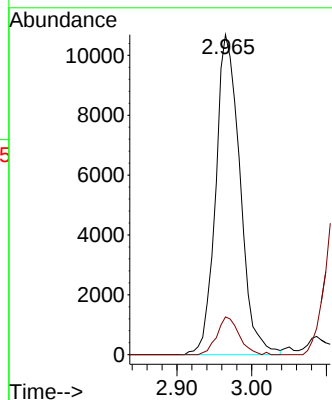
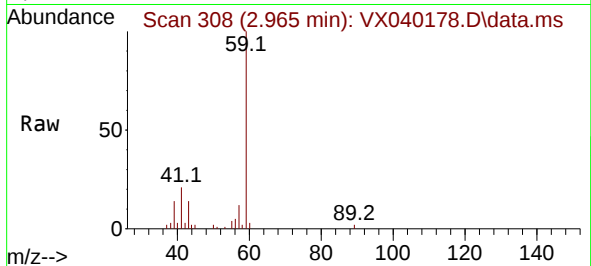
57 10.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#12

1,1-Dichloroethene

Concen: 20.896 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

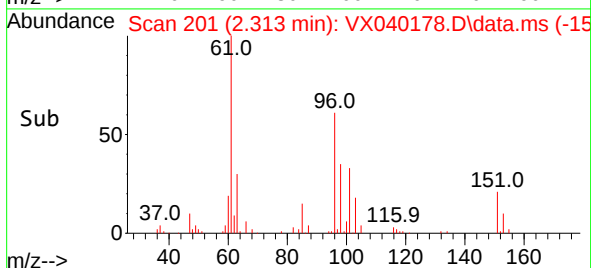
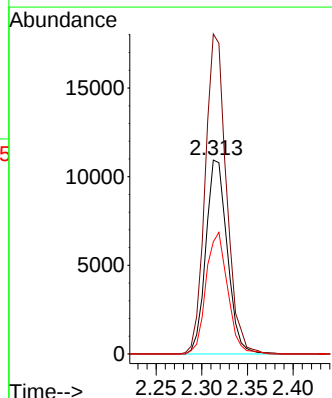
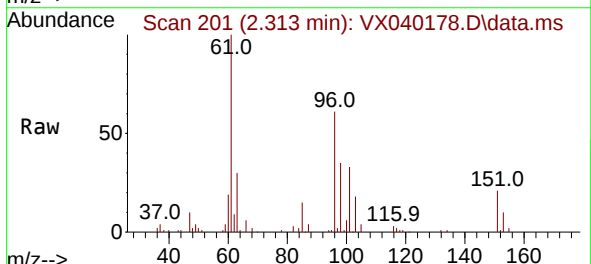
Tgt Ion: 96 Resp: 17810

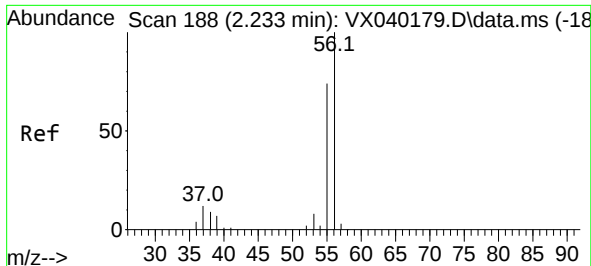
Ion Ratio Lower Upper

96 100

61 165.0 144.6 216.8

98 57.9 50.4 75.6





#13

Acrolein

Concen: 91.702 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 1963

Ion Ratio Lower Upper

56 100

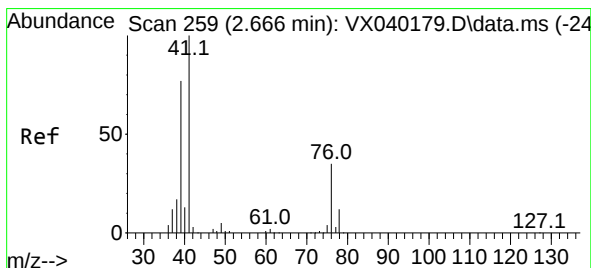
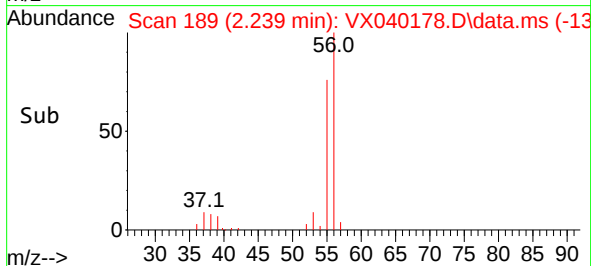
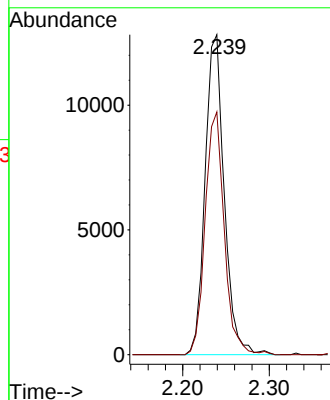
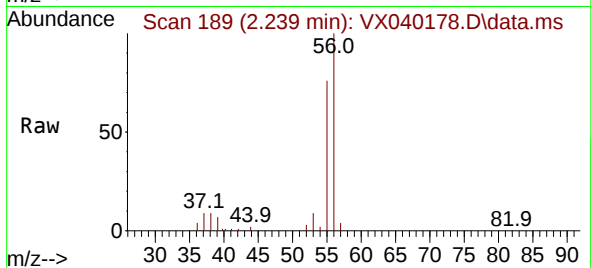
55 76.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#14

Allyl chloride

Concen: 20.175 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

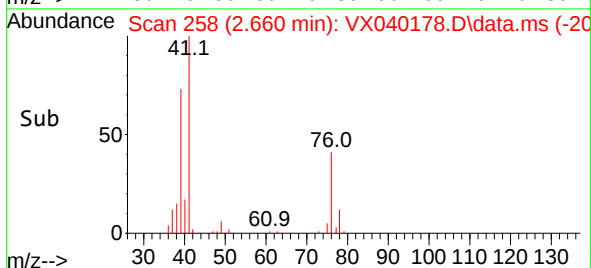
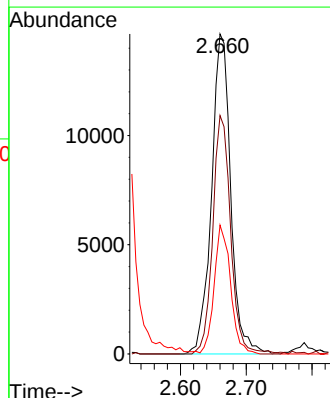
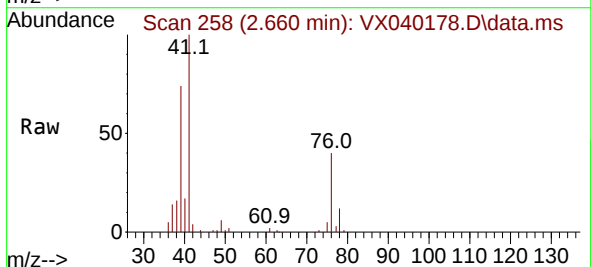
Tgt Ion: 41 Resp: 29840

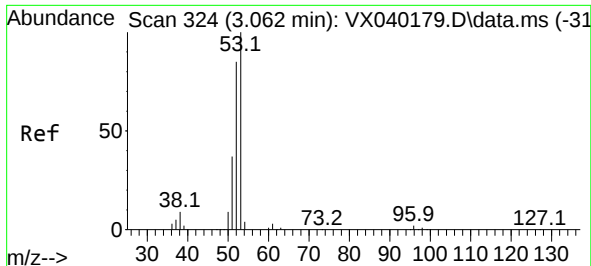
Ion Ratio Lower Upper

41 100

39 69.4 55.8 83.6

76 34.5 24.3 36.5





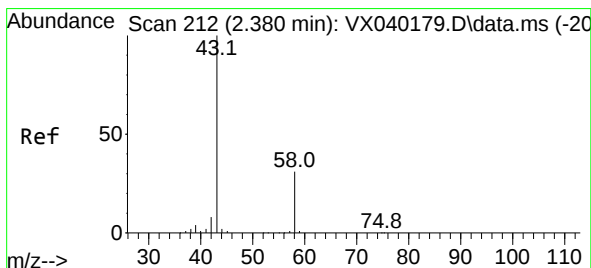
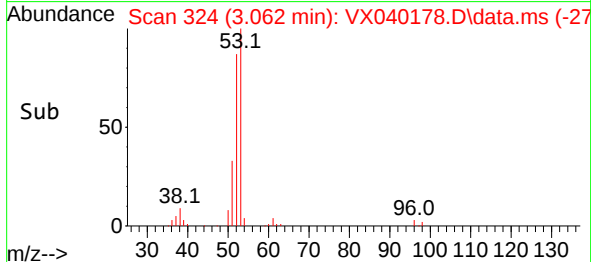
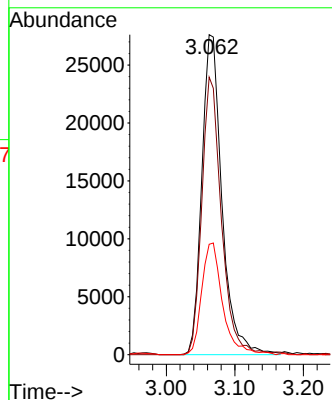
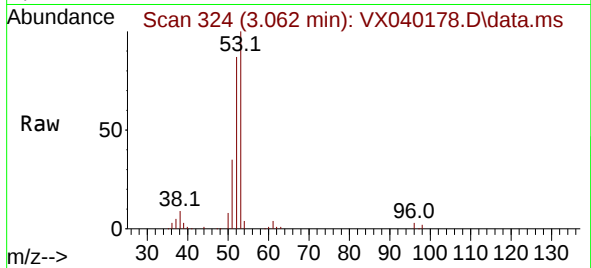
#15
Acrylonitrile
Concen: 104.867 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 56762
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 36.1 29.8 44.6

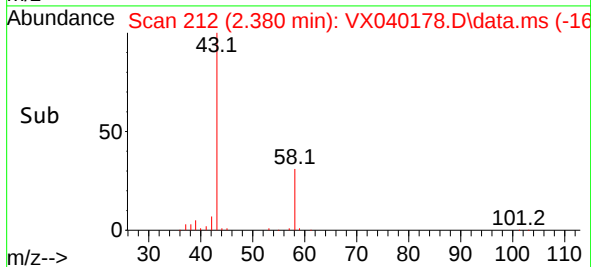
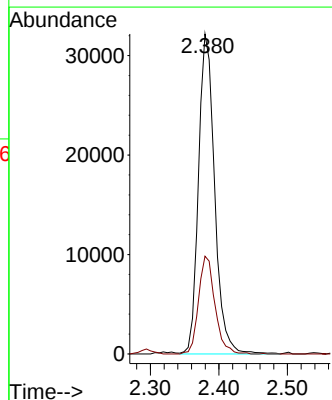
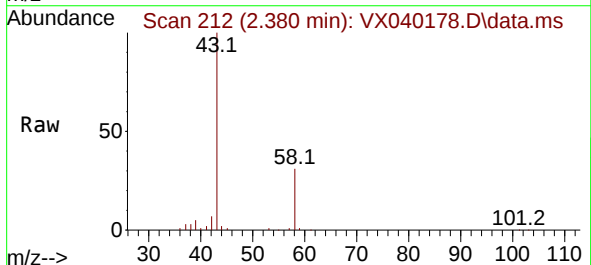
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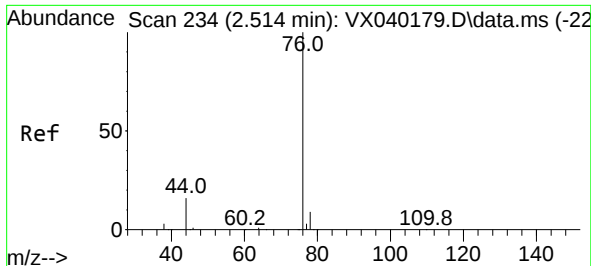
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#16
Acetone
Concen: 103.613 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 43 Resp: 52851
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9





#17

Carbon Disulfide

Concen: 19.930 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 4484

Ion Ratio Lower Upper

76 100

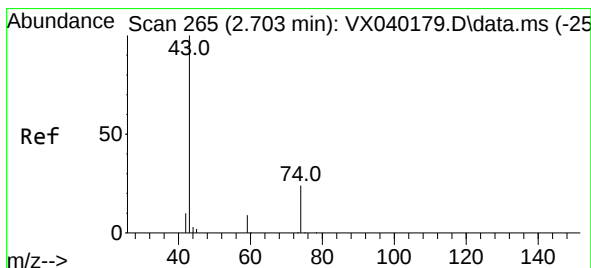
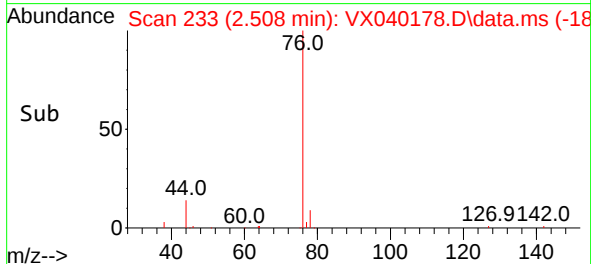
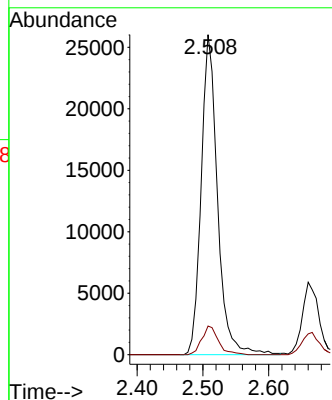
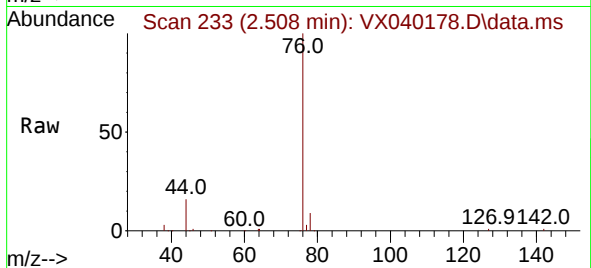
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#18

Methyl Acetate

Concen: 21.239 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040178.D

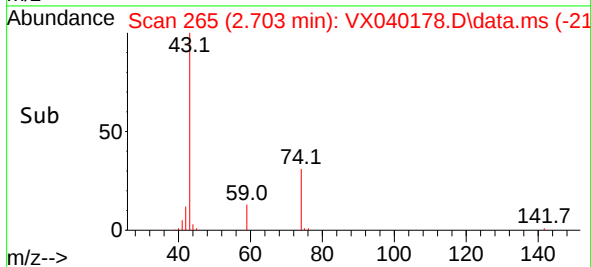
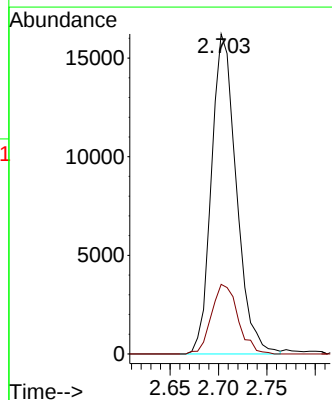
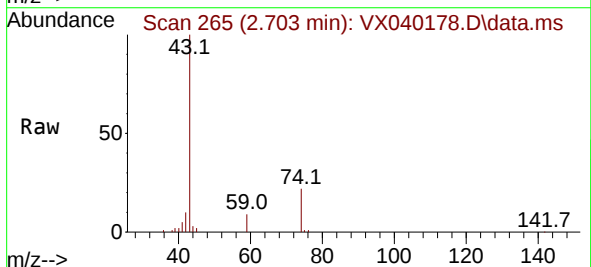
Acq: 09 Feb 2024 16:56

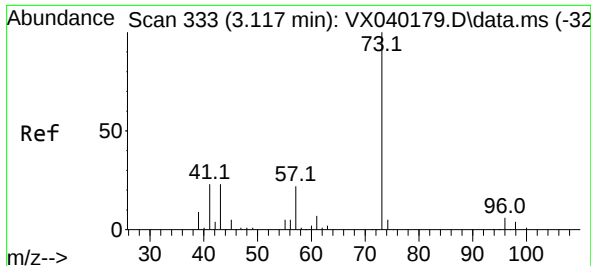
Tgt Ion: 43 Resp: 29042

Ion Ratio Lower Upper

43 100

74 23.2 17.8 26.8





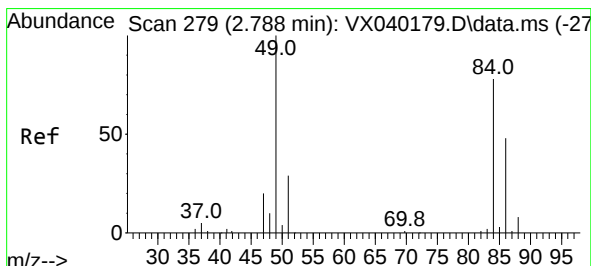
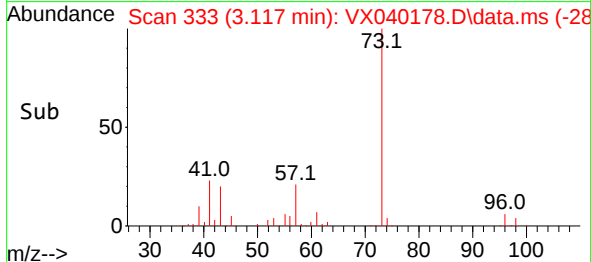
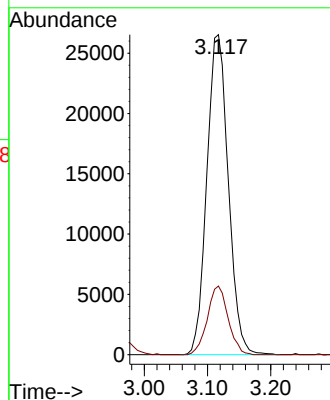
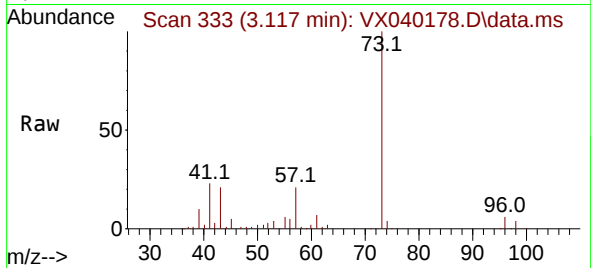
#19
Methyl tert-butyl Ether
Concen: 20.847 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 62590
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

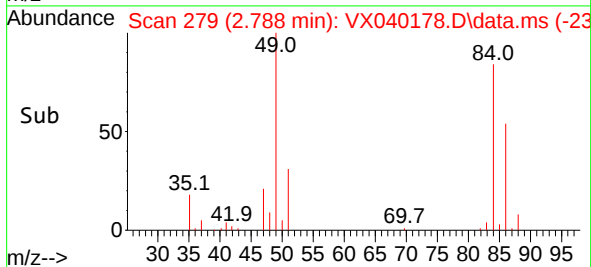
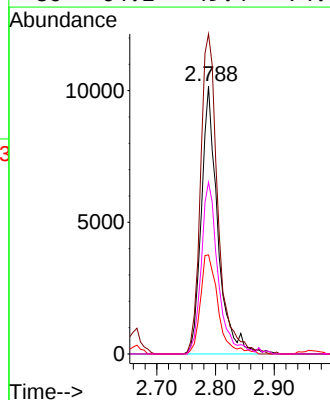
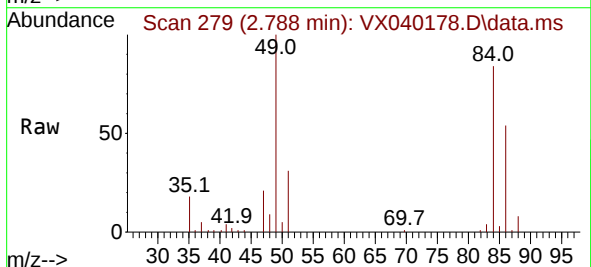
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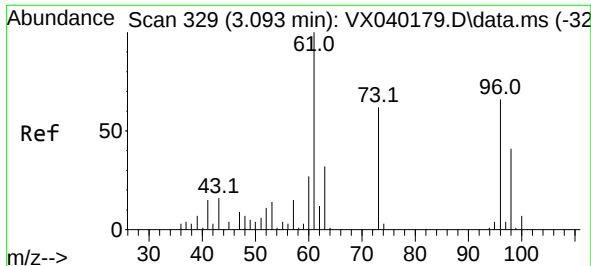
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Methylene Chloride
Concen: 19.662 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 84 Resp: 19727
Ion Ratio Lower Upper
84 100
49 119.6 103.6 155.4
51 37.0 33.8 50.6
86 64.2 49.4 74.0





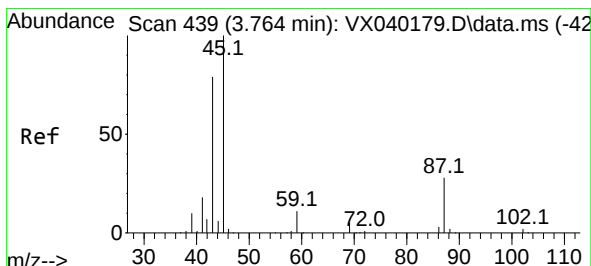
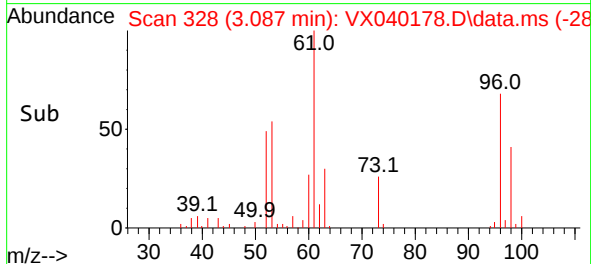
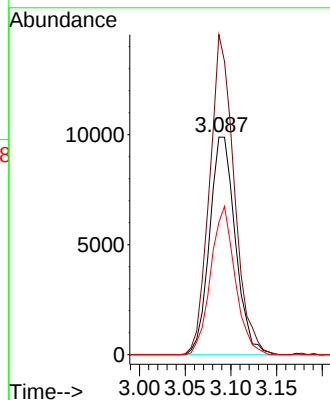
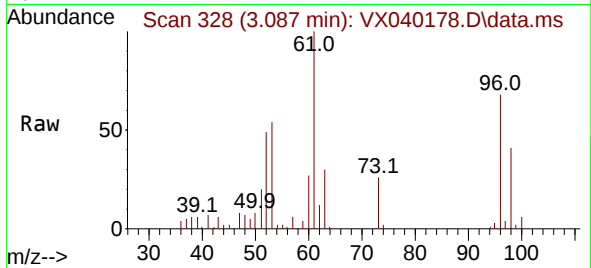
#21
trans-1,2-Dichloroethene
Concen: 20.036 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 19449
Ion Ratio Lower Upper
96 100
61 147.0 119.2 178.8
98 60.9 48.7 73.1

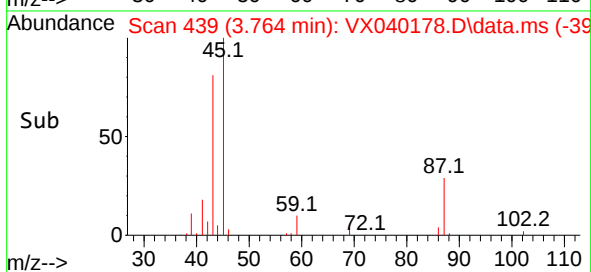
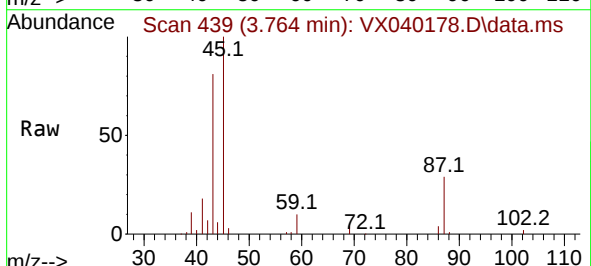
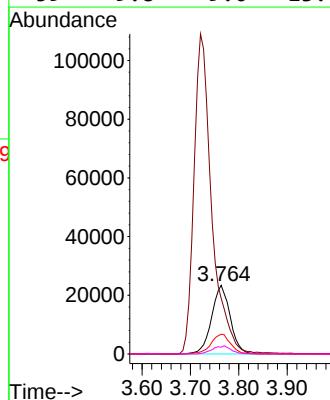
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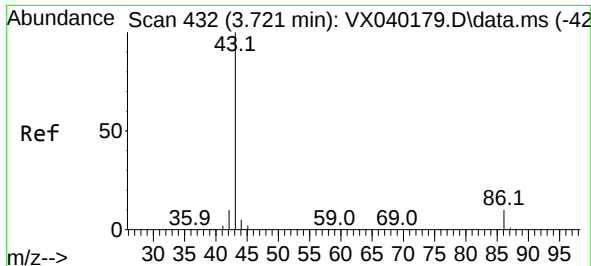
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
Diisopropyl ether
Concen: 20.815 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 45 Resp: 62439
Ion Ratio Lower Upper
45 100
43 80.2 69.7 104.5
87 28.6 20.8 31.2
59 9.8 9.0 13.4





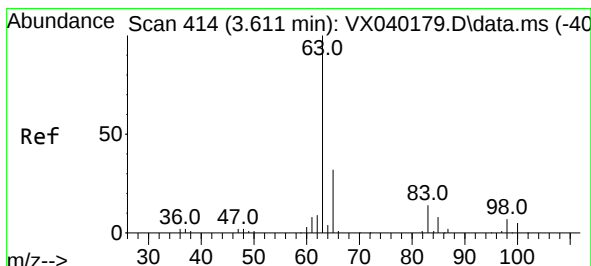
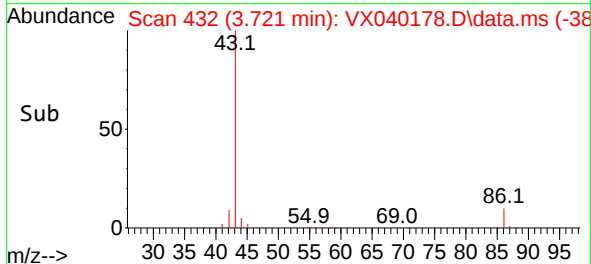
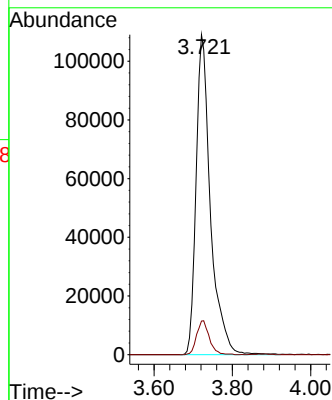
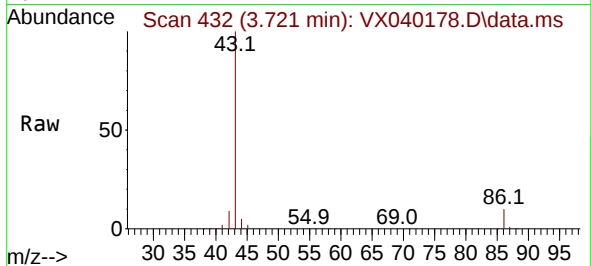
#23
 Vinyl Acetate
 Concen: 104.133 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040178.D
 Acq: 09 Feb 2024 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 27846
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

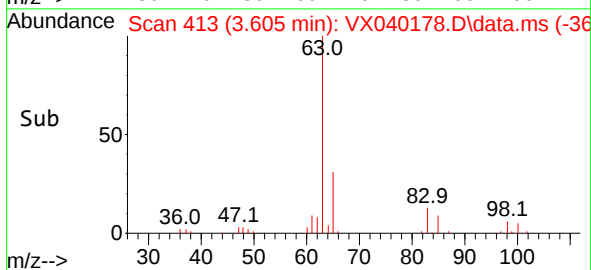
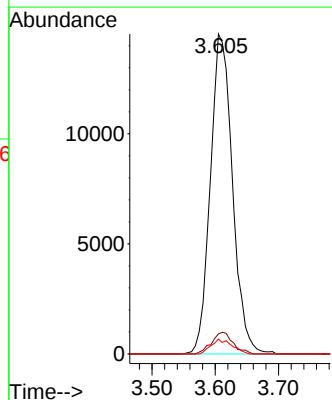
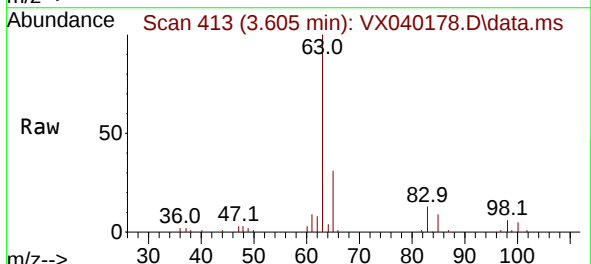
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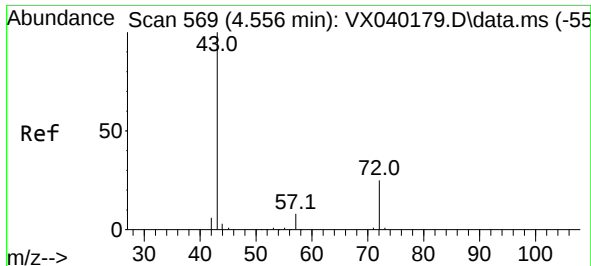
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#24
 1,1-Dichloroethane
 Concen: 20.172 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040178.D
 Acq: 09 Feb 2024 16:56

Tgt Ion: 63 Resp: 35248
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 102.528 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 81748

Ion Ratio Lower Upper

43 100

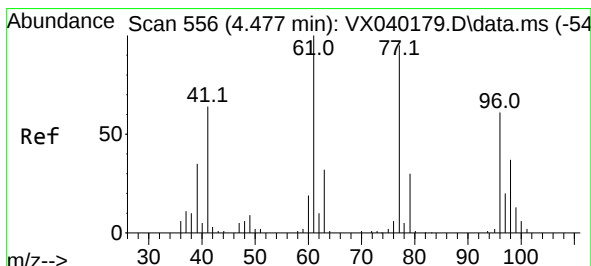
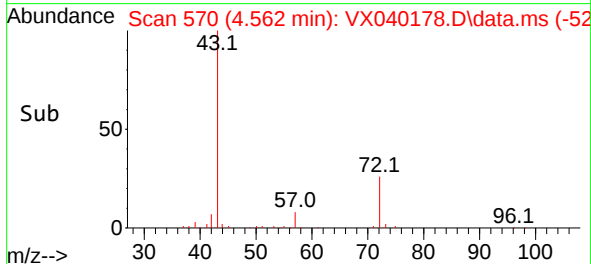
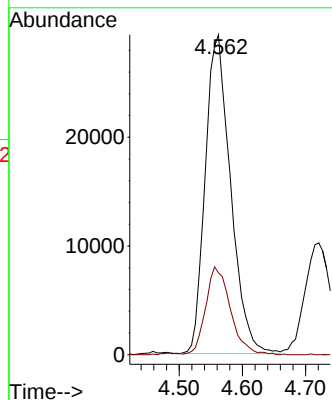
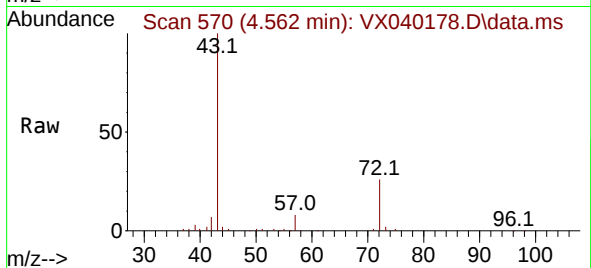
72 25.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#26

2,2-Dichloropropane

Concen: 19.785 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX040178.D

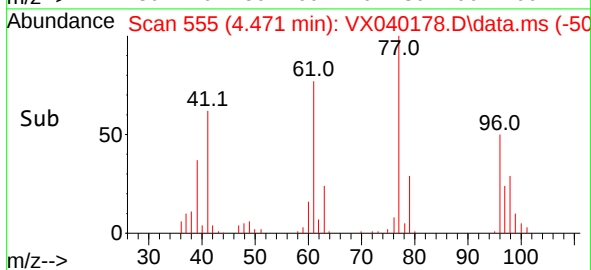
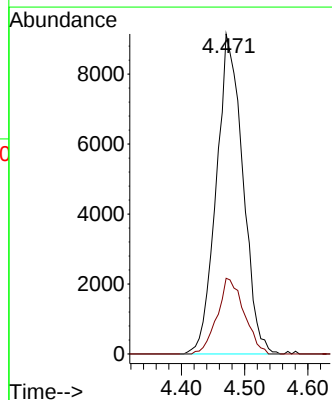
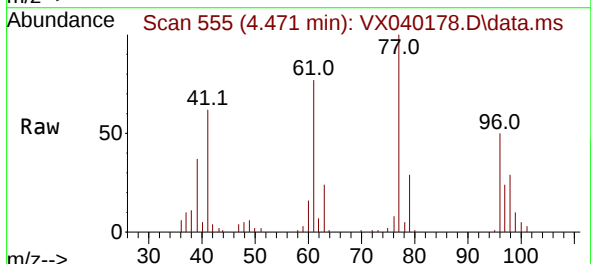
Acq: 09 Feb 2024 16:56

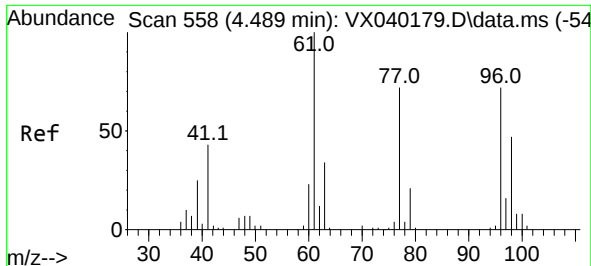
Tgt Ion: 77 Resp: 26613

Ion Ratio Lower Upper

77 100

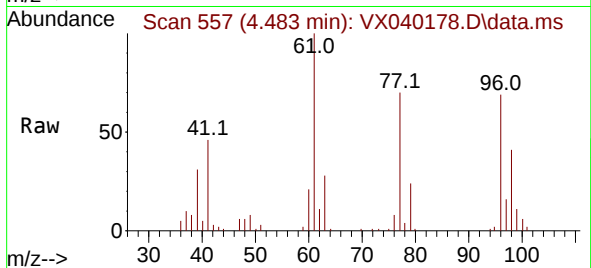
97 23.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 20.572 ug/l
RT: 4.483 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

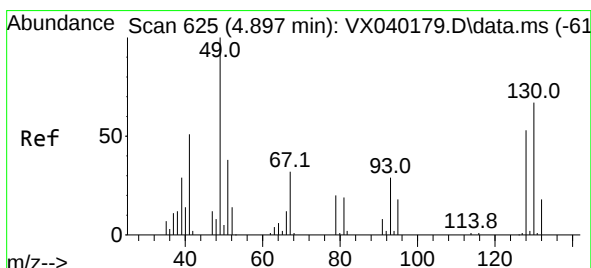
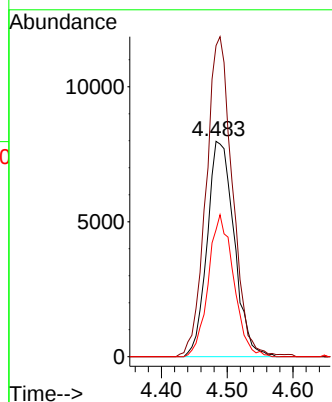
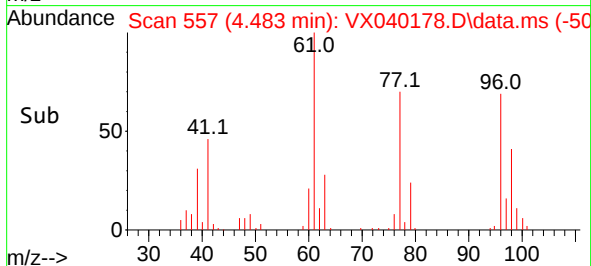
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 22780
Ion Ratio Lower Upper
96 100
61 145.6 0.0 312.2
98 61.8 0.0 129.0

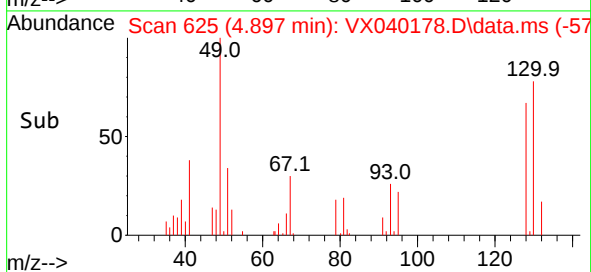
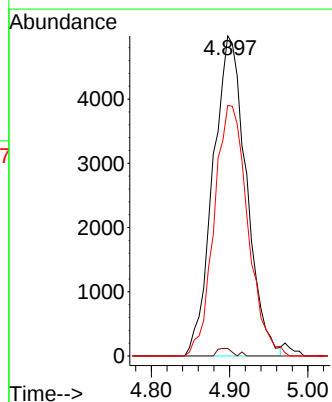
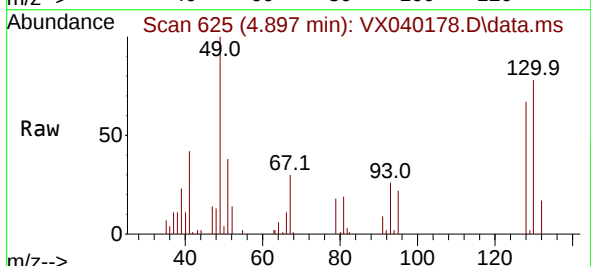
Manual Integrations
APPROVED

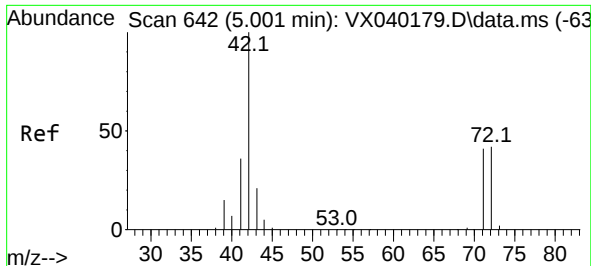
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#28
Bromochloromethane
Concen: 19.849 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 49 Resp: 14725
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 78.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 103.659 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

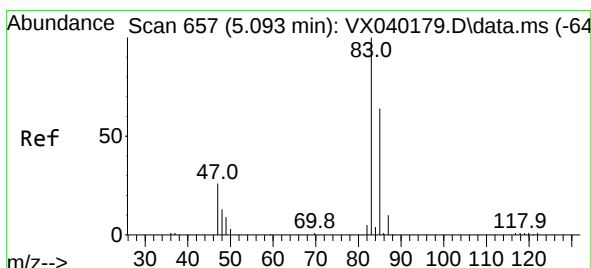
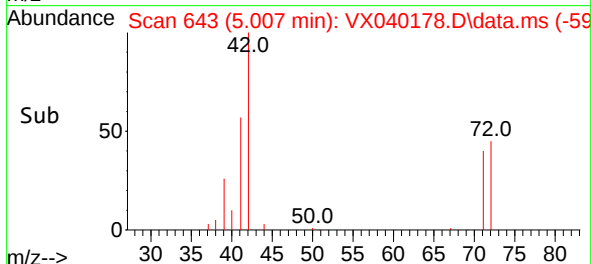
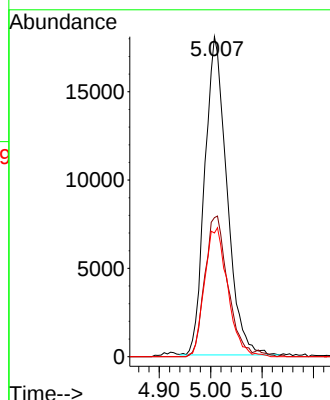
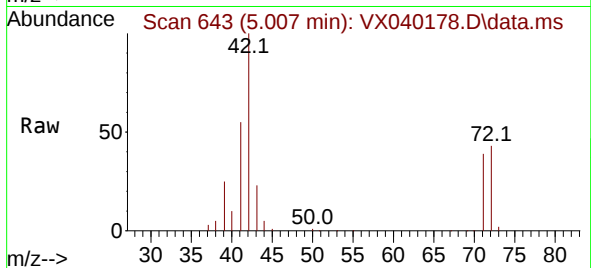
Tgt Ion: 42	Resp: 5384
Ion Ratio	Lower Upper
42 100	
72 45.9	34.2 51.4
71 42.7	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#30

Chloroform

Concen: 20.326 ug/l

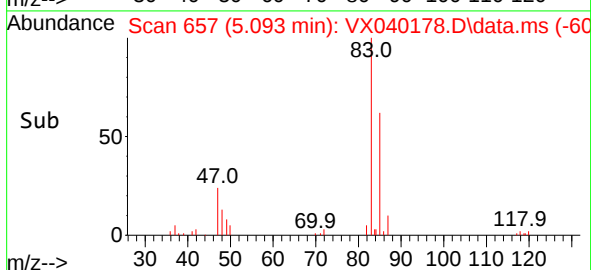
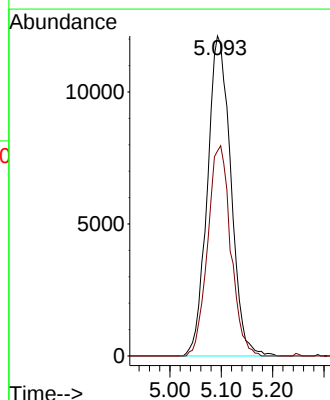
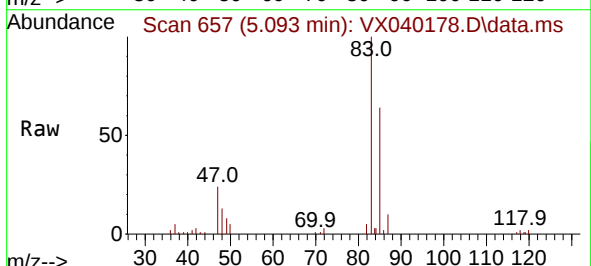
RT: 5.093 min Scan# 657

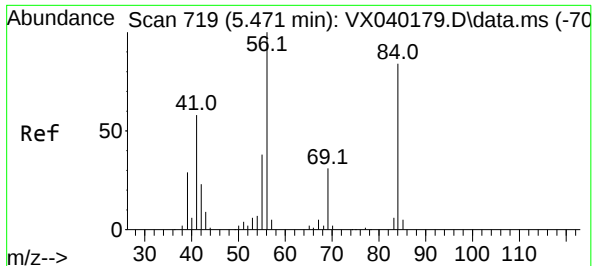
Delta R.T. -0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

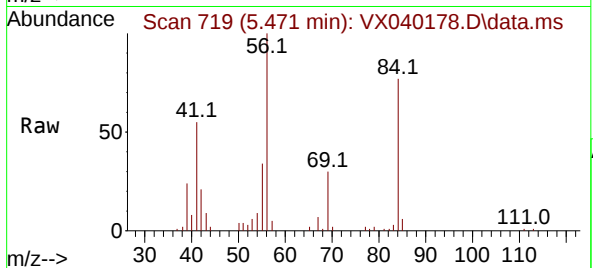
Tgt Ion: 83	Resp: 38399
Ion Ratio	Lower Upper
83 100	
85 64.1	50.3 75.5





#31
Cyclohexane
Concen: 20.792 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

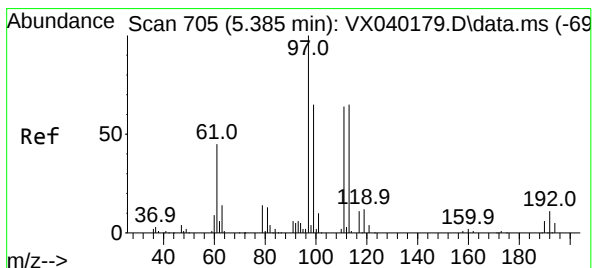
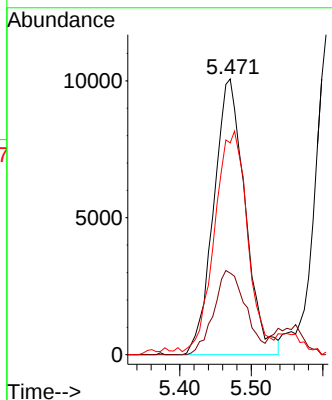
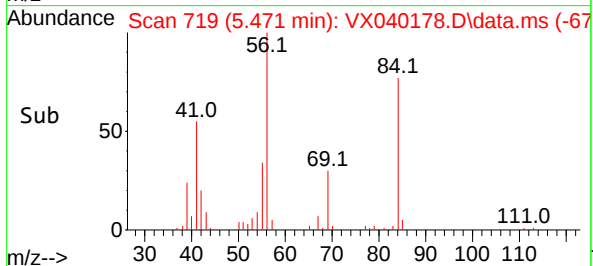
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 30800
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 74.3 65.9 98.9

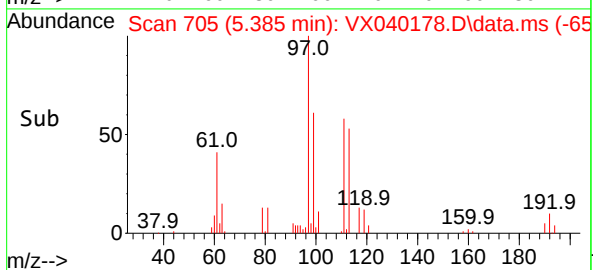
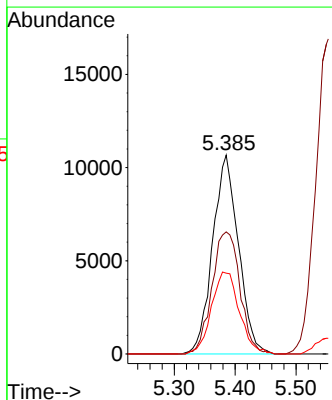
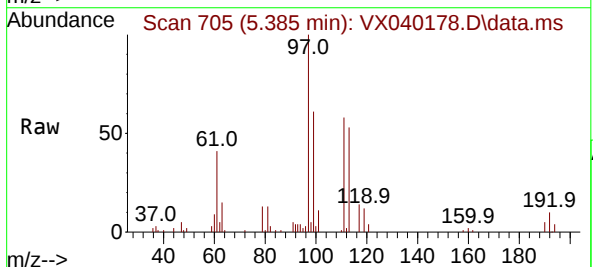
Manual Integrations
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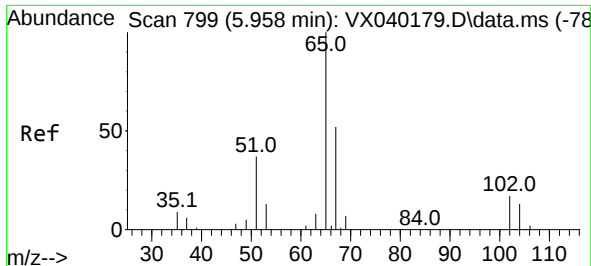
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#32
1,1,1-Trichloroethane
Concen: 19.761 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 97 Resp: 31407
Ion Ratio Lower Upper
97 100
99 66.5 51.1 76.7
61 44.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 17.142 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 21290

Ion Ratio Lower Upper

65 100

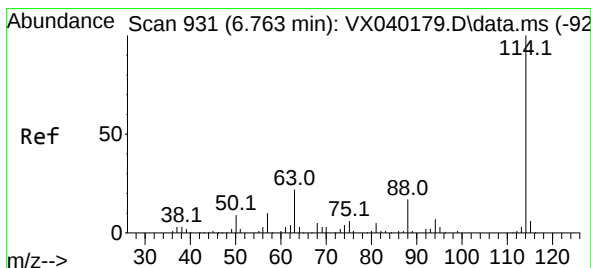
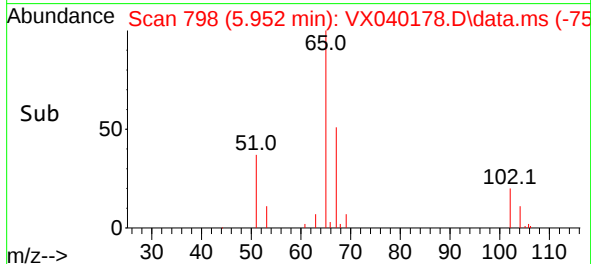
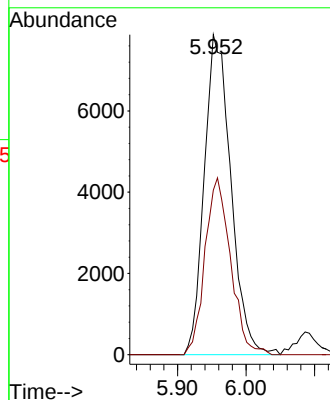
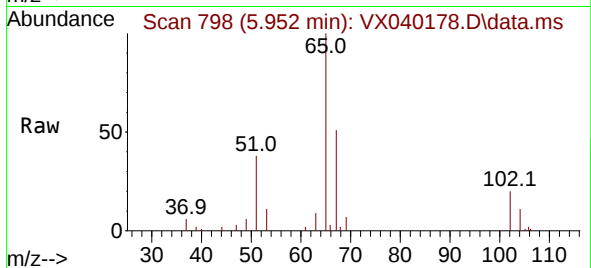
67 53.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

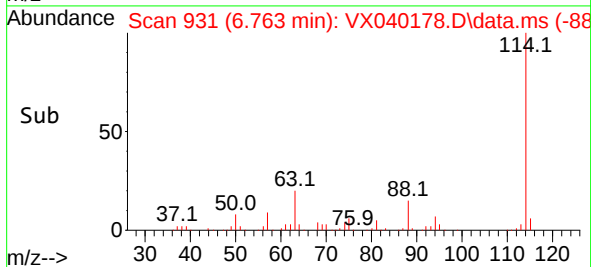
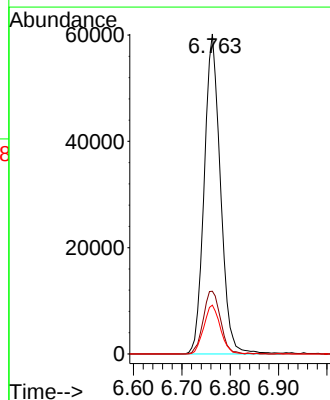
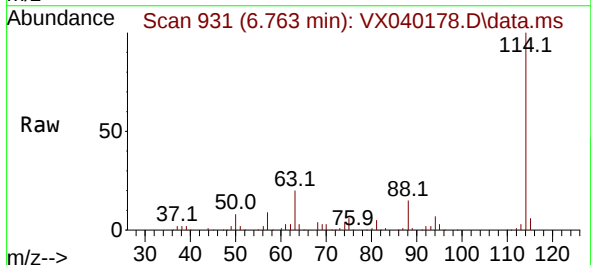
Tgt Ion:114 Resp: 140427

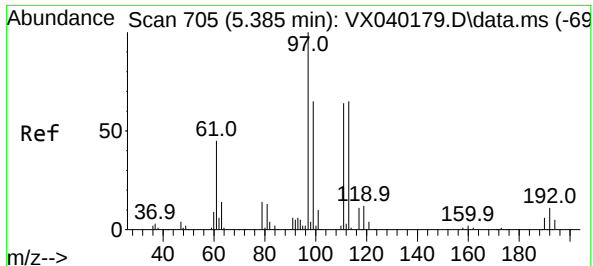
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 15.3 0.0 36.6





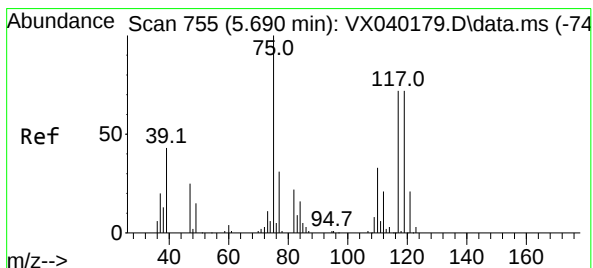
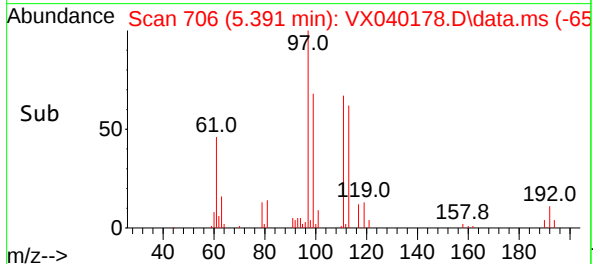
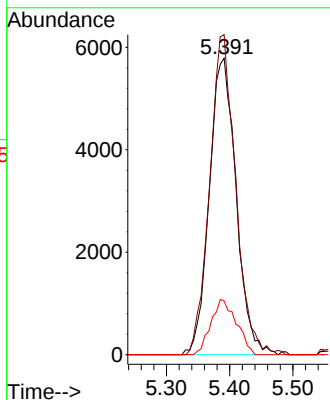
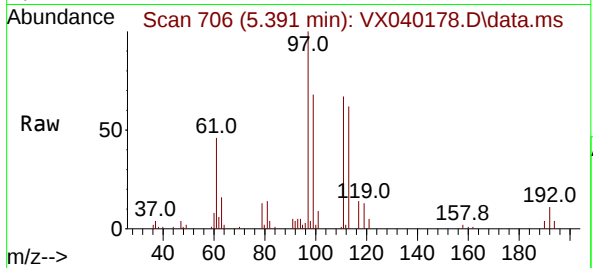
#35
Dibromofluoromethane
Concen: 17.378 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 17042
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 17.7 13.3 19.9

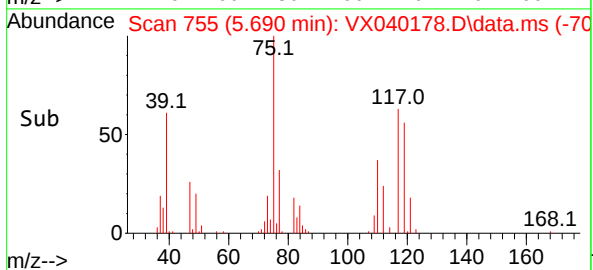
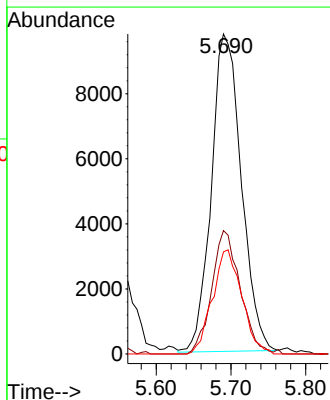
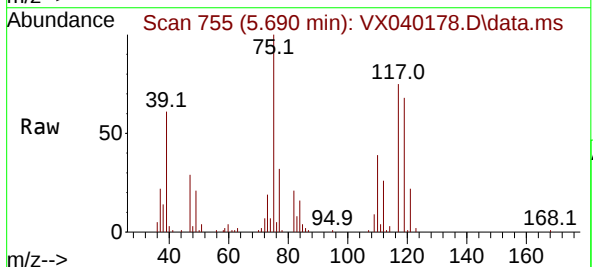
Manual Integrations
APPROVED

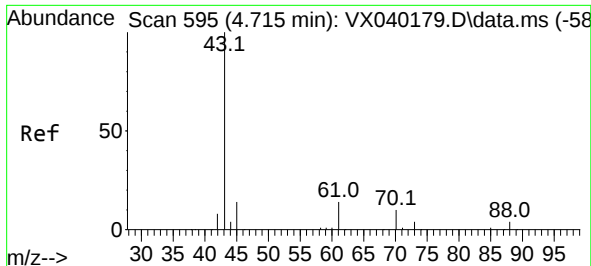
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,1-Dichloropropene
Concen: 19.817 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 75 Resp: 27224
Ion Ratio Lower Upper
75 100
110 37.1 17.0 50.9
77 32.1 24.7 37.1





#37

Ethyl Acetate

Concen: 20.058 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

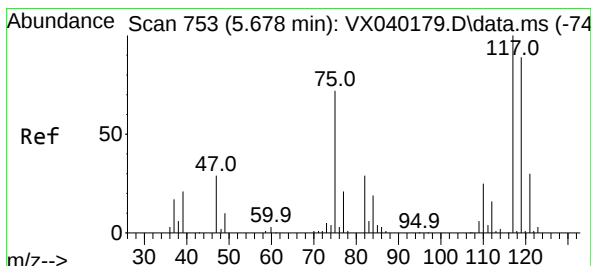
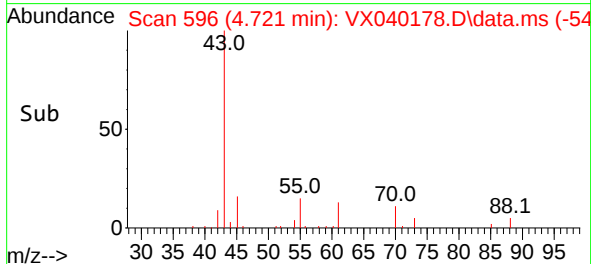
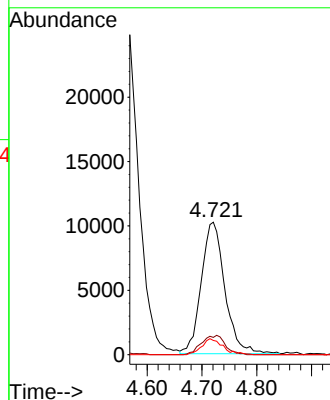
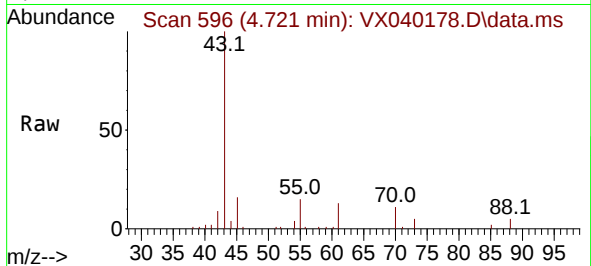
Tgt Ion: 43	Resp: 3066
Ion Ratio	Lower Upper
43 100	
61 14.7	10.6 16.0
70 10.8	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Carbon Tetrachloride

Concen: 19.540 ug/l

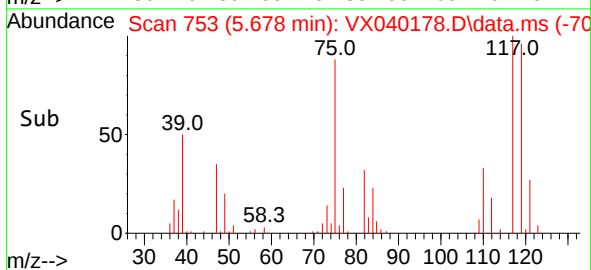
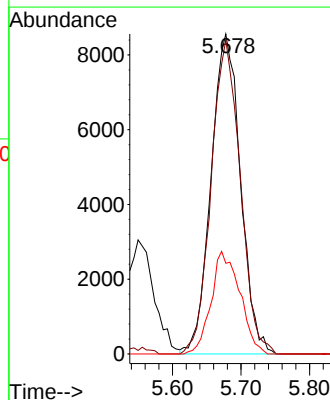
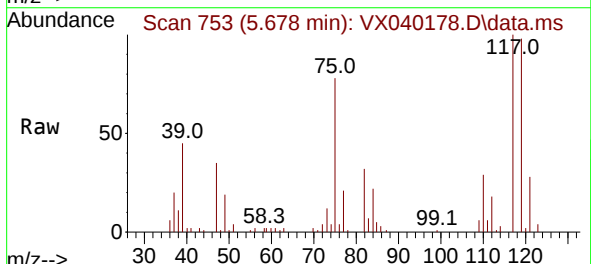
RT: 5.678 min Scan# 753

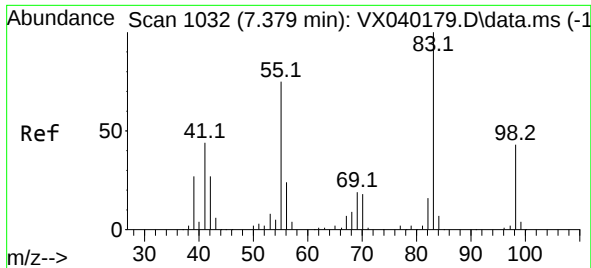
Delta R.T. 0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Tgt Ion: 117	Resp: 25522
Ion Ratio	Lower Upper
117 100	
119 98.1	78.2 117.2
121 28.3	24.4 36.6





#39
Methylcyclohexane
Concen: 20.235 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

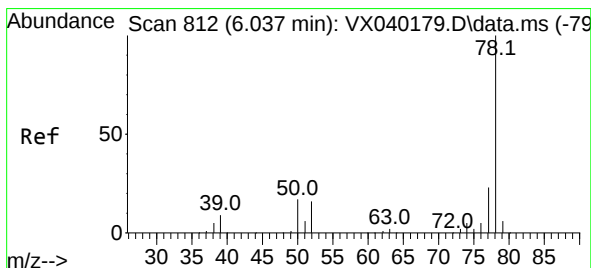
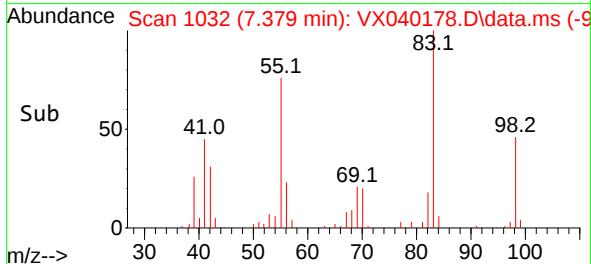
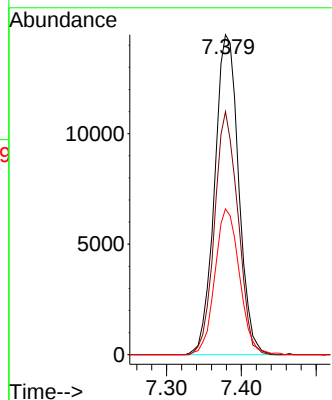
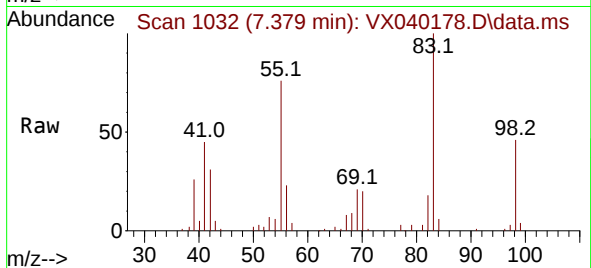
VSTDICC020

Tgt Ion: 83 Resp: 3230
Ion Ratio Lower Upper
83 100
55 76.0 64.6 97.0
98 45.6 36.7 55.1

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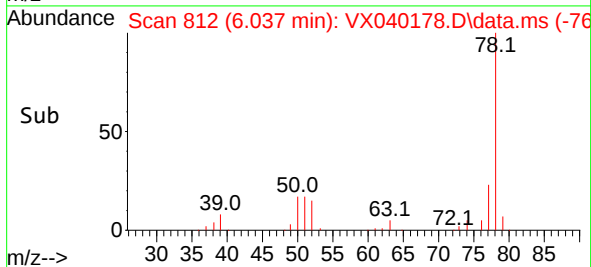
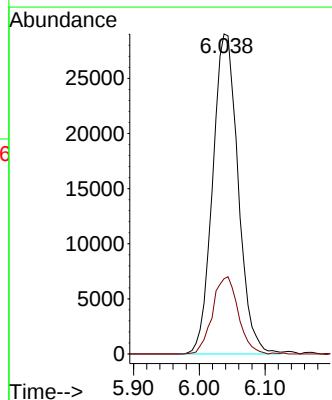
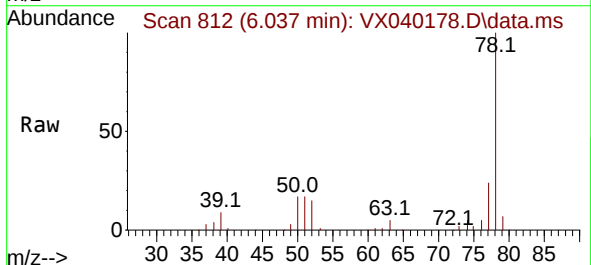
APPROVED

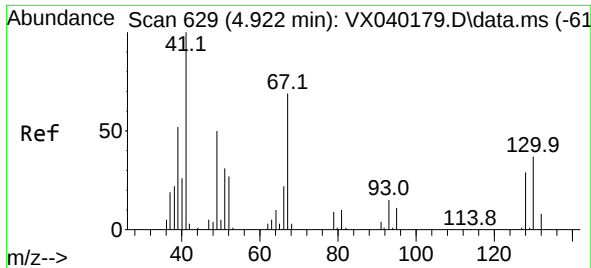
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#40
Benzene
Concen: 20.361 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 78 Resp: 78219
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 20.833 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

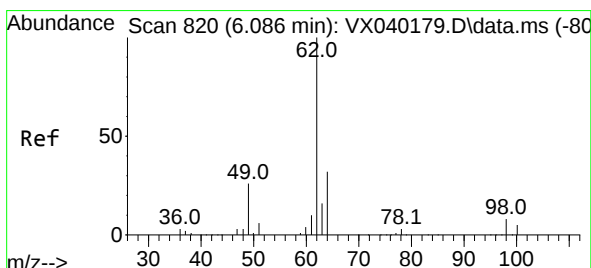
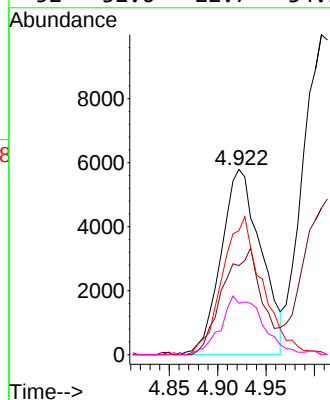
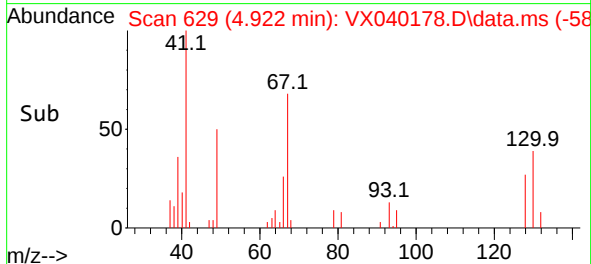
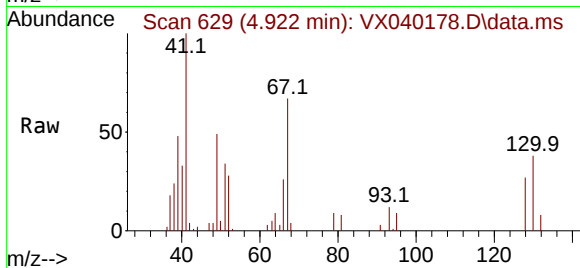
Tgt Ion: 41 Resp: 1664
Ion Ratio Lower Upper
41 100
39 56.6 45.2 67.8
67 74.7 52.6 78.8
52 32.6 22.7 34.1

Manual Integrations

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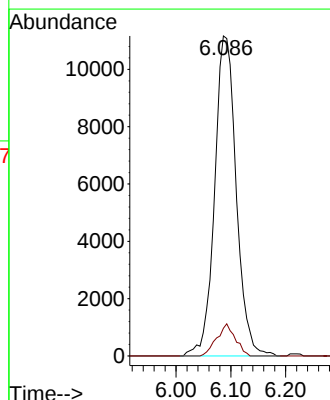
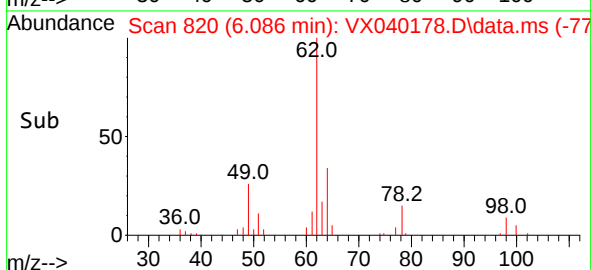
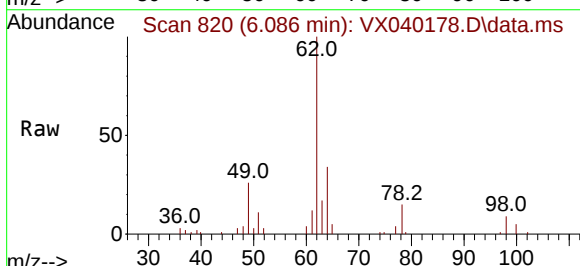
Reviewed By :John Carlone 02/12/2024

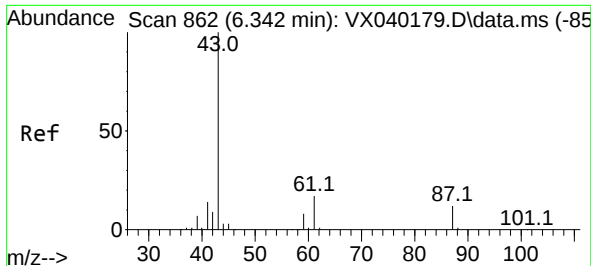
Supervised By :Mahesh Dadoda 02/12/2024



#42
1,2-Dichloroethane
Concen: 20.379 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 62 Resp: 30601
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.105 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

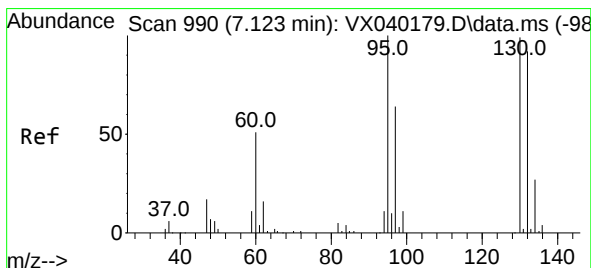
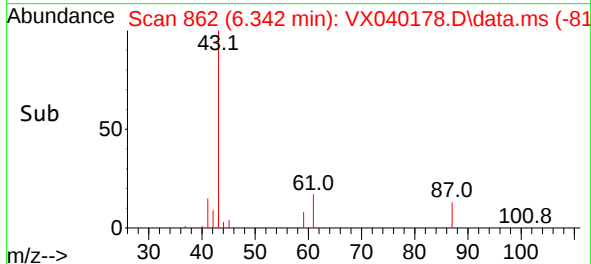
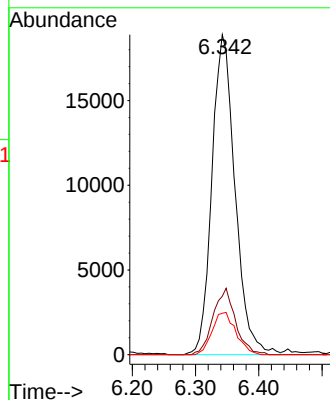
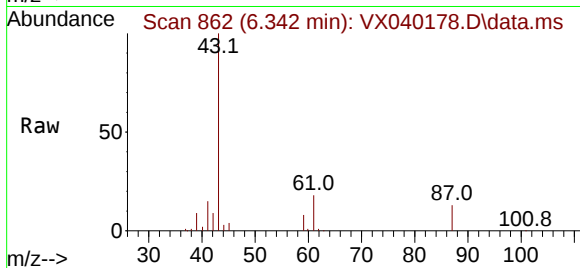
Tgt Ion: 43	Resp: 47974
Ion Ratio	Lower Upper
43 100	
61 20.1	15.2 22.8
87 13.5	9.8 14.6

Manual Integrations

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Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#44

Trichloroethene

Concen: 20.611 ug/l

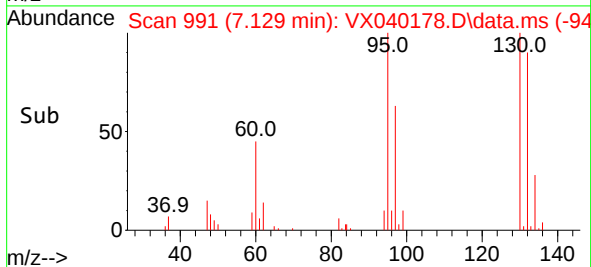
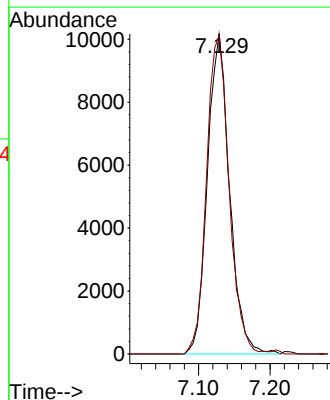
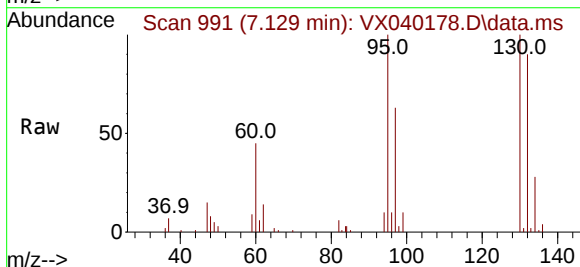
RT: 7.129 min Scan# 991

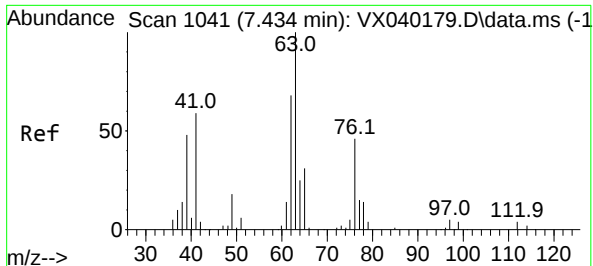
Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Tgt Ion:130	Resp: 21841
Ion Ratio	Lower Upper
130 100	
95 99.6	0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.561 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 2155

Ion Ratio Lower Upper

63 100

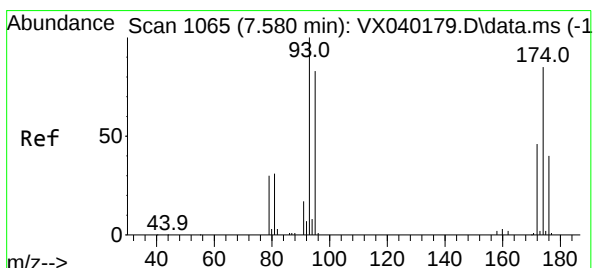
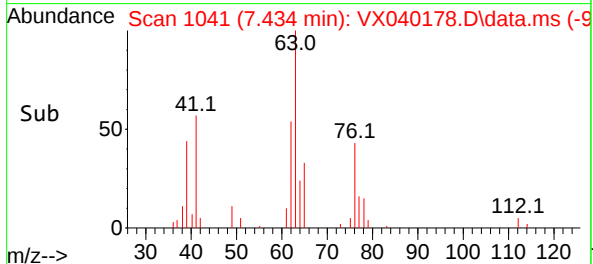
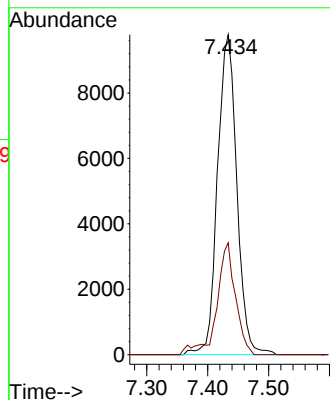
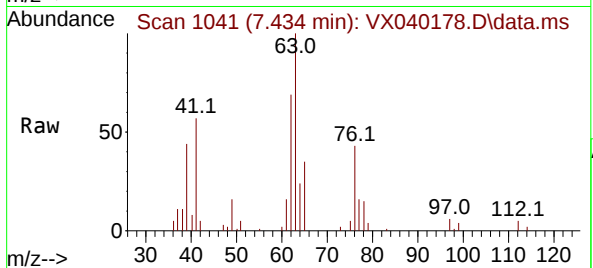
65 35.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#46

Dibromomethane

Concen: 20.401 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

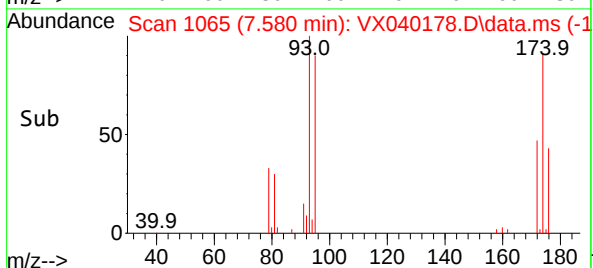
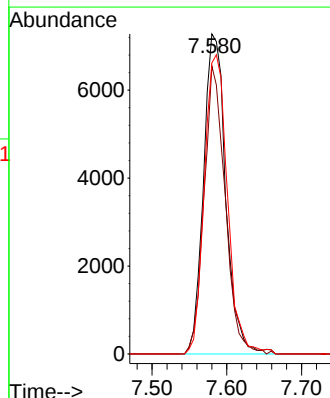
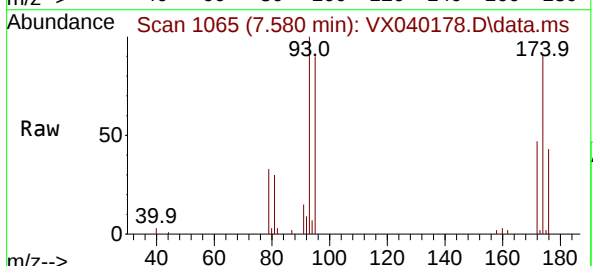
Tgt Ion: 93 Resp: 15024

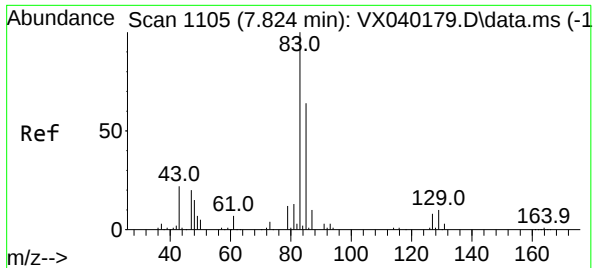
Ion Ratio Lower Upper

93 100

95 85.6 66.6 100.0

174 97.2 69.4 104.0





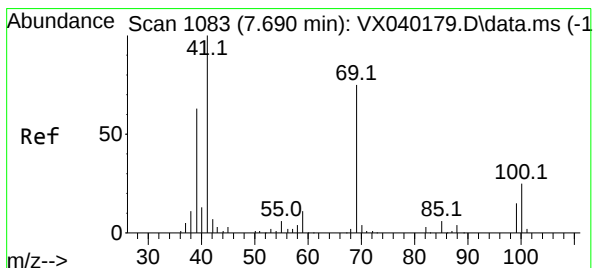
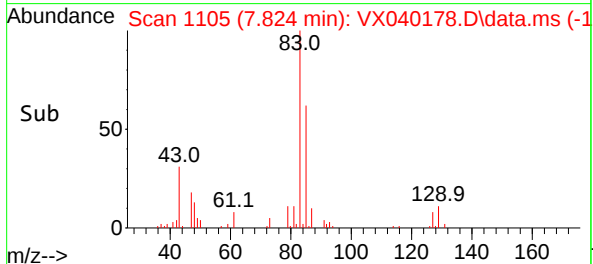
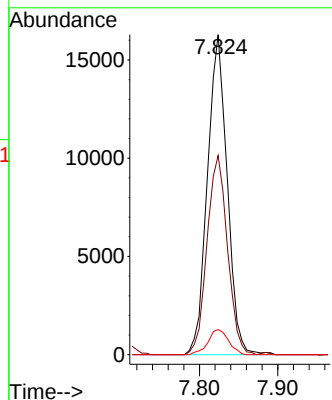
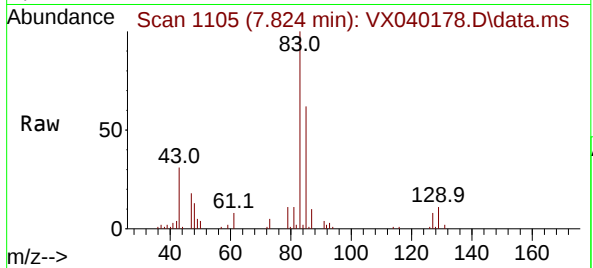
#47
Bromodichloromethane
Concen: 20.151 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 28594
Ion Ratio Lower Upper
83 100
85 62.2 49.8 74.6
127 7.9 7.1 10.7

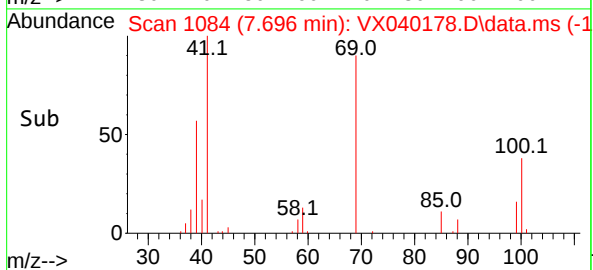
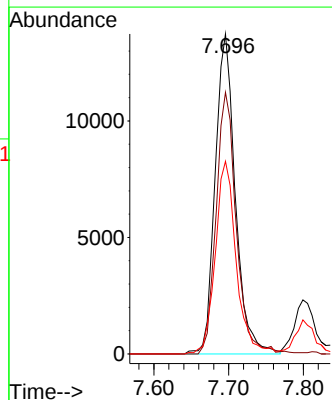
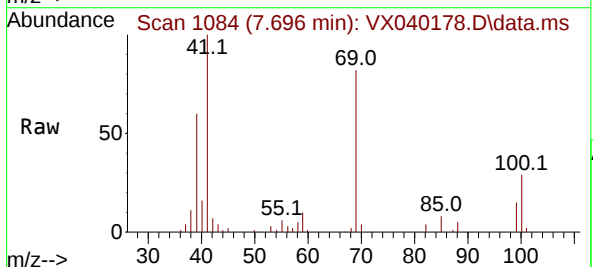
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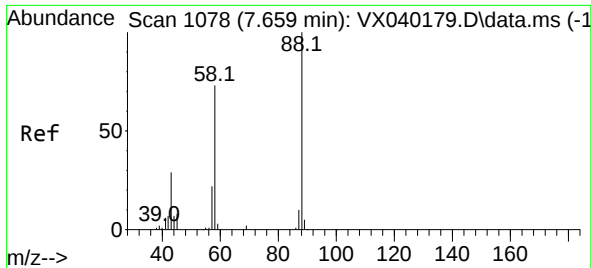
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#48
Methyl methacrylate
Concen: 21.071 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

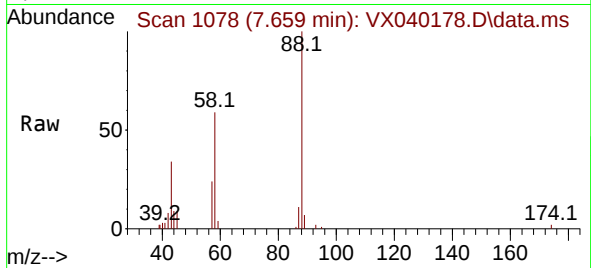
Tgt Ion: 41 Resp: 25727
Ion Ratio Lower Upper
41 100
69 81.2 59.2 88.8
39 62.4 47.7 71.5





#49
1,4-Dioxane
Concen: 412.966 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

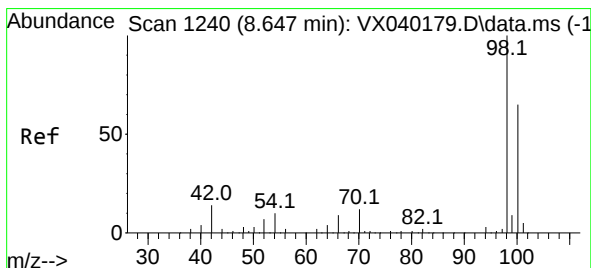
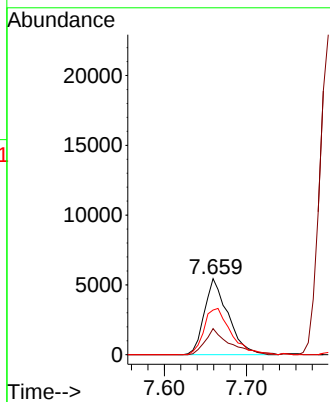
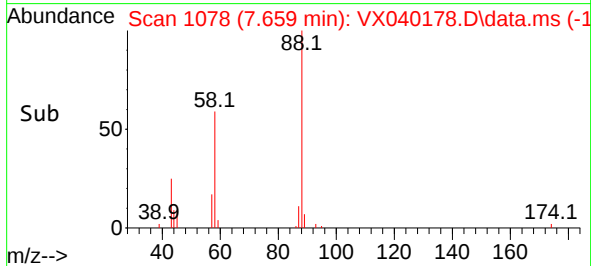
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020



Tgt Ion: 88 Resp: 10969
Ion Ratio Lower Upper
88 100
43 34.5 0.0 0.0
58 68.3 60.1 90.1

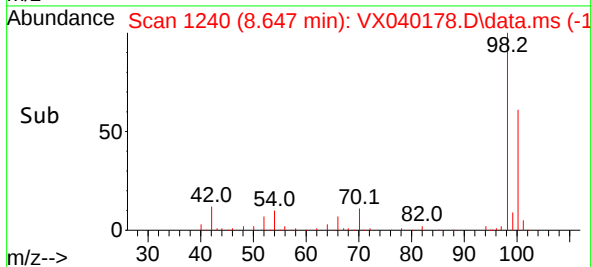
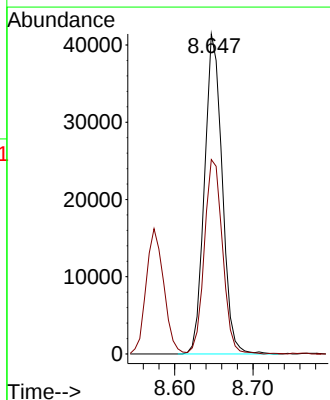
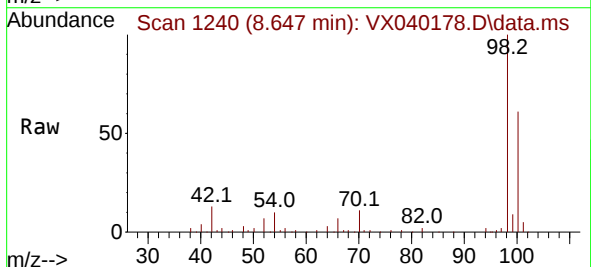
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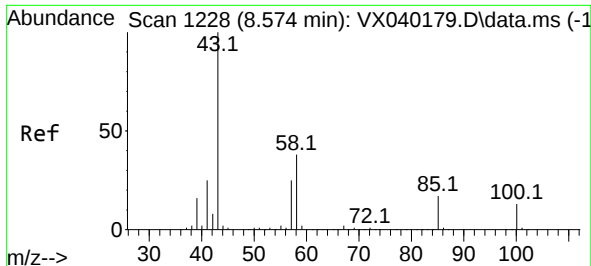
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
Toluene-d8
Concen: 17.658 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 98 Resp: 64778
Ion Ratio Lower Upper
98 100
100 62.4 53.1 79.7





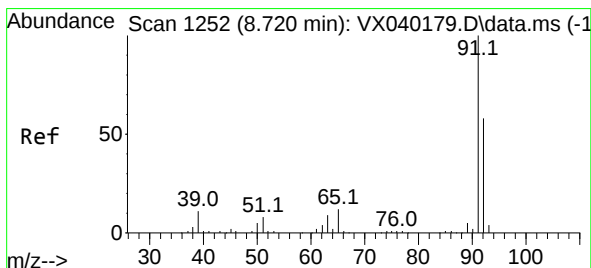
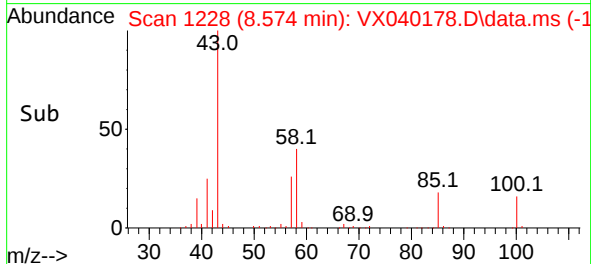
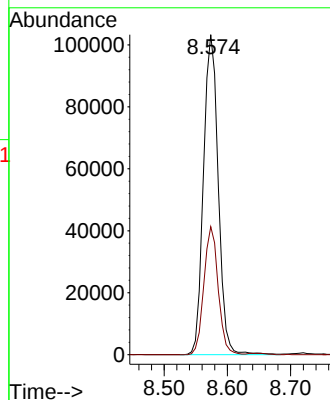
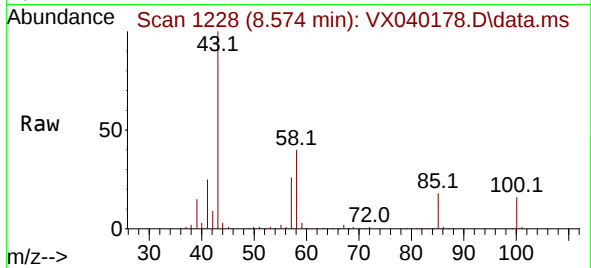
#51
4-Methyl-2-Pentanone
Concen: 103.322 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 168329
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

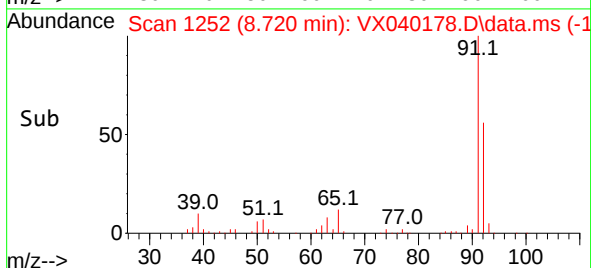
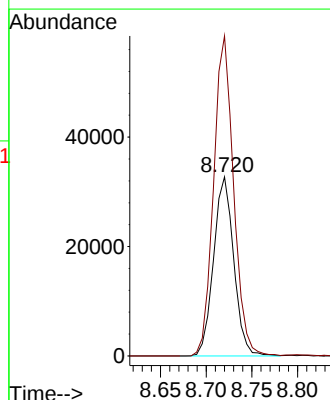
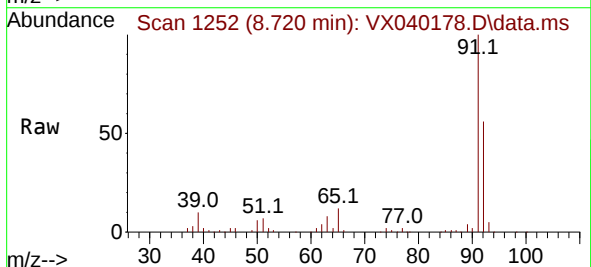
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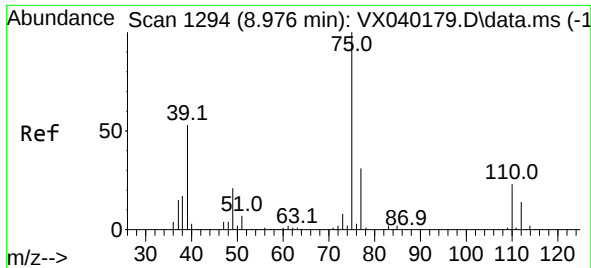
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
Toluene
Concen: 20.028 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 92 Resp: 50398
Ion Ratio Lower Upper
92 100
91 176.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.205 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 2883

Ion Ratio Lower Upper

75 100

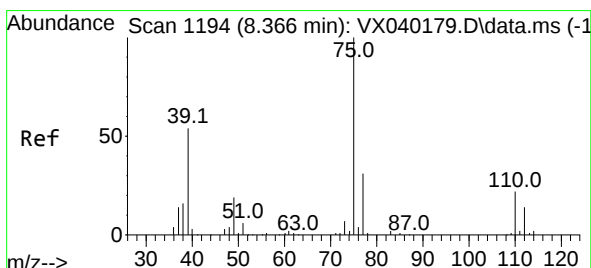
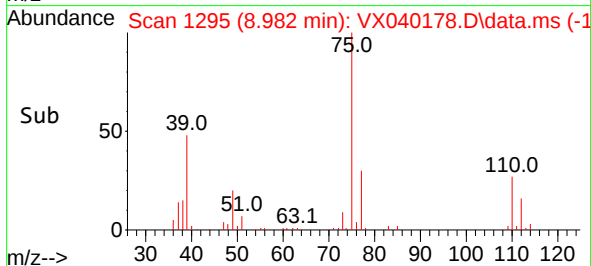
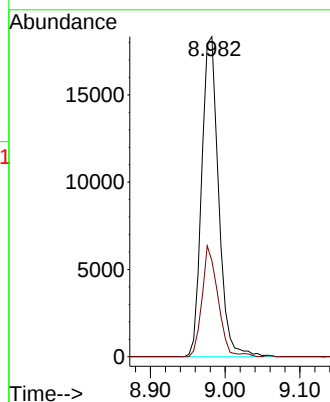
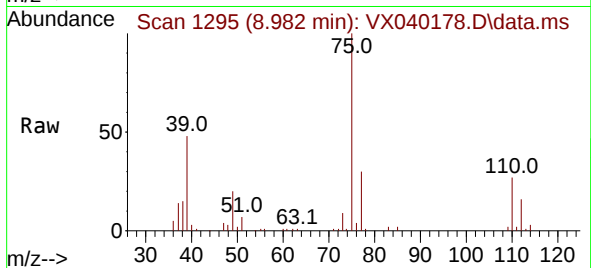
77 30.0 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#54

cis-1,3-Dichloropropene

Concen: 20.163 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

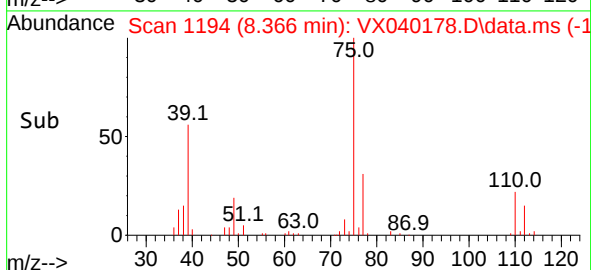
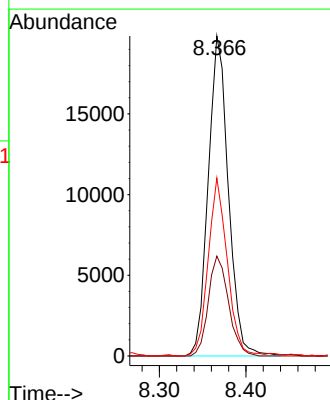
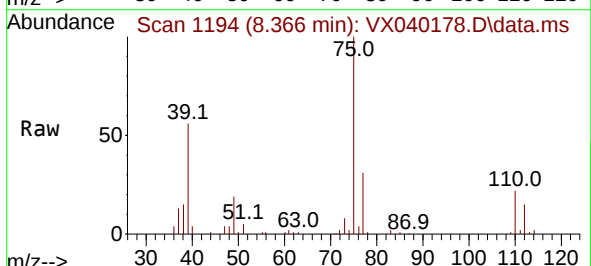
Tgt Ion: 75 Resp: 32064

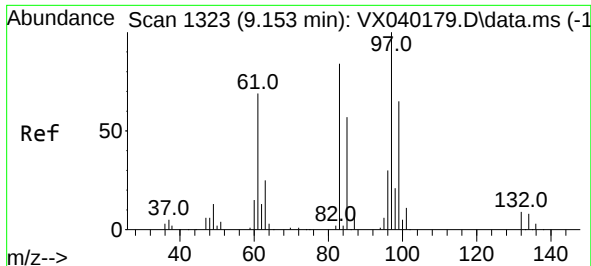
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

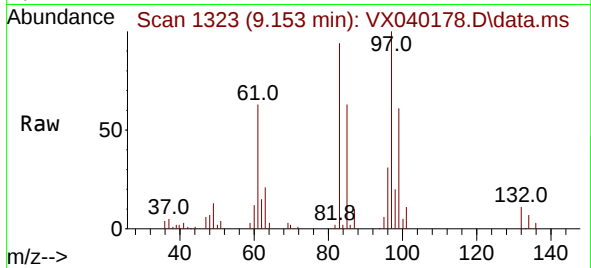
39 55.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.931 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

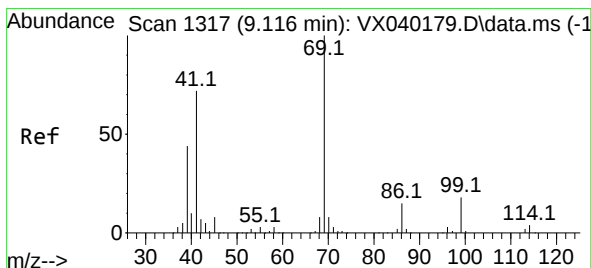
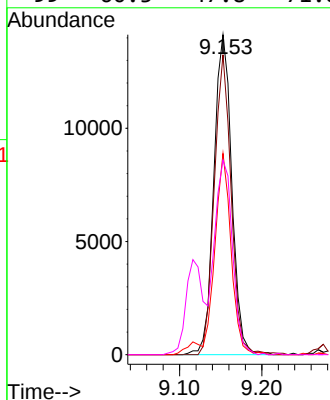
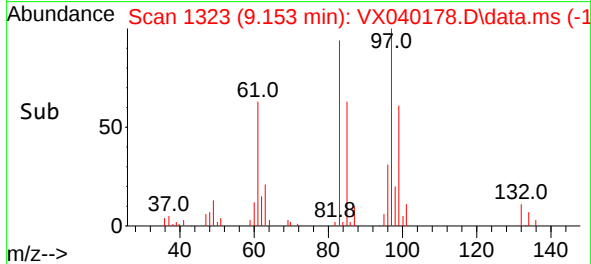
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.7	65.8	98.8
85	62.9	41.6	62.4
99	60.3	47.8	71.8

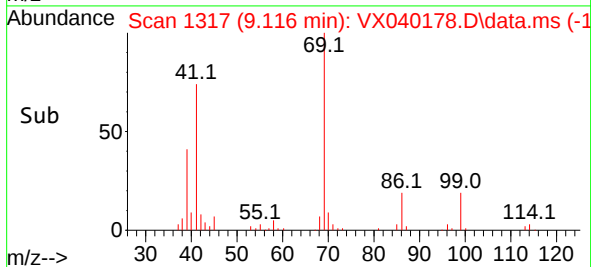
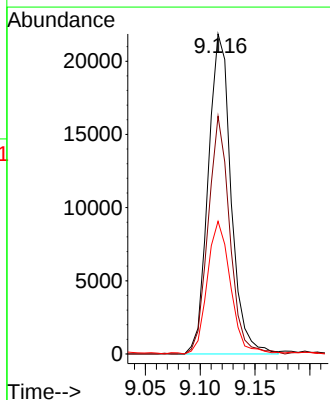
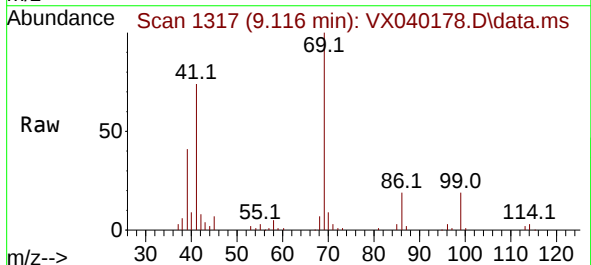
Manual Integrations
APPROVED

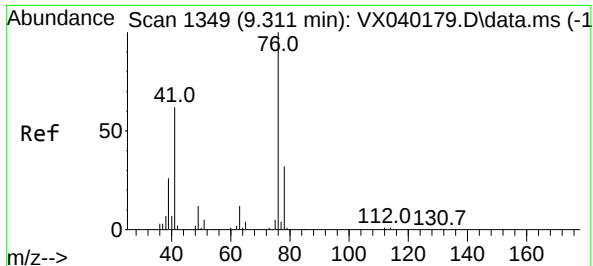
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Ethyl methacrylate
Concen: 19.732 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.8	85.2
39	42.4	32.0	48.0





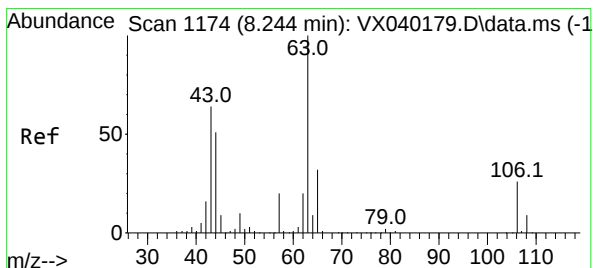
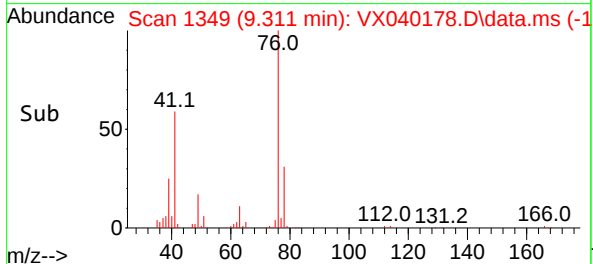
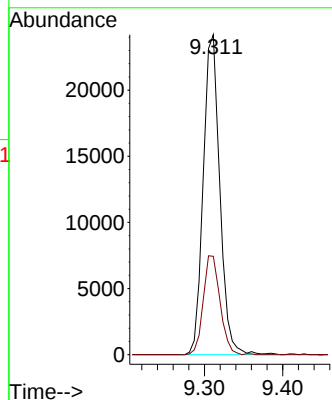
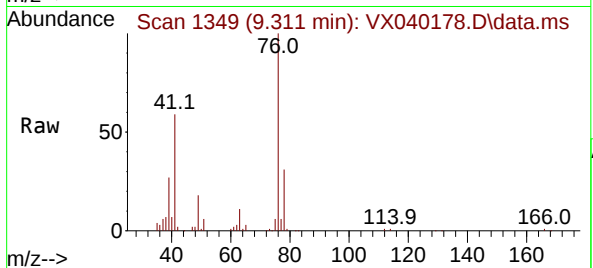
#57
1,3-Dichloropropane
Concen: 20.254 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 3548
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1

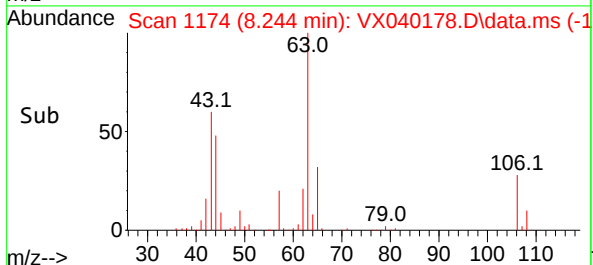
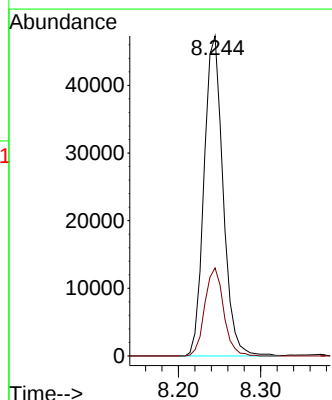
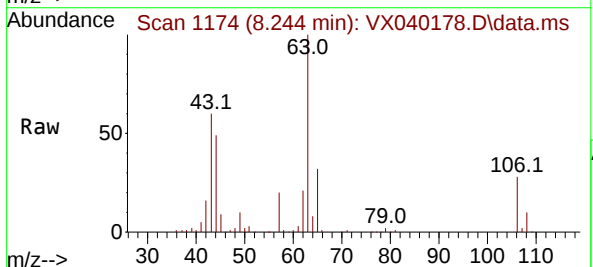
Manual Integrations
APPROVED

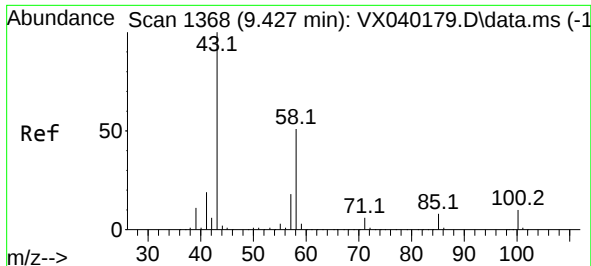
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 99.805 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 63 Resp: 75858
Ion Ratio Lower Upper
63 100
106 27.3 22.5 33.7





#59

2-Hexanone

Concen: 104.349 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 13478

Ion Ratio Lower Upper

43 100

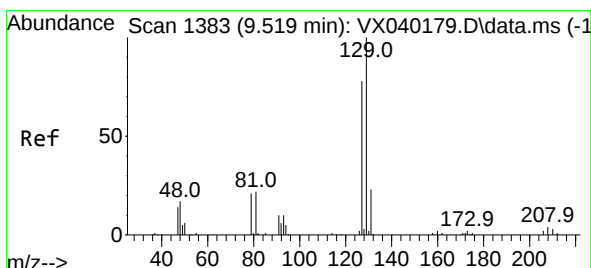
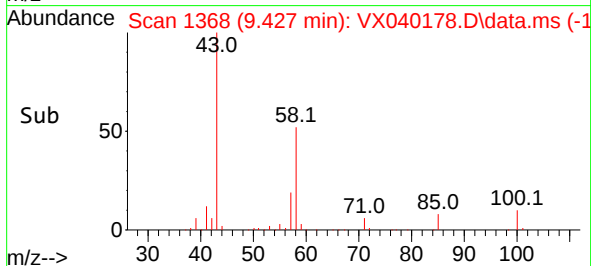
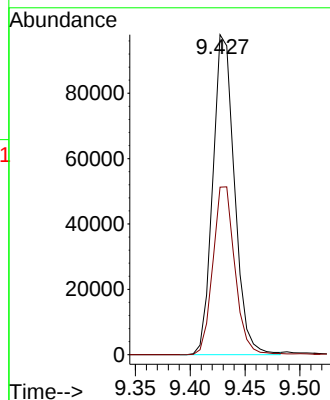
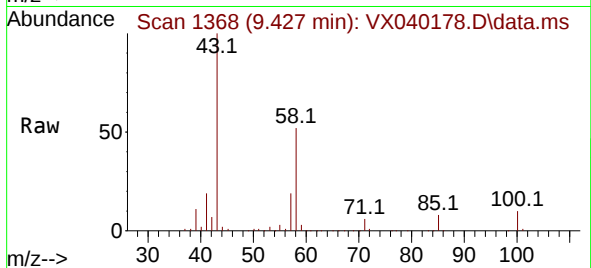
58 53.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#60

Dibromochloromethane

Concen: 19.841 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040178.D

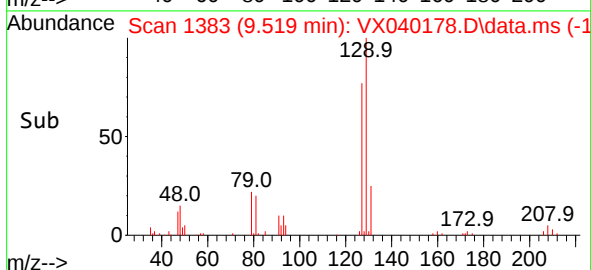
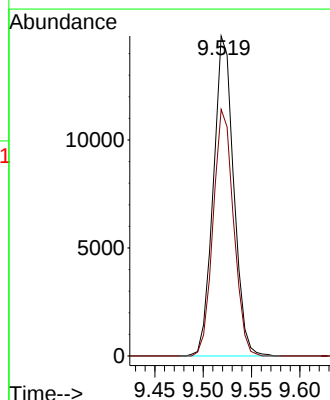
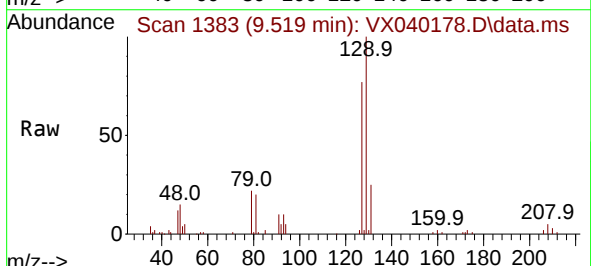
Acq: 09 Feb 2024 16:56

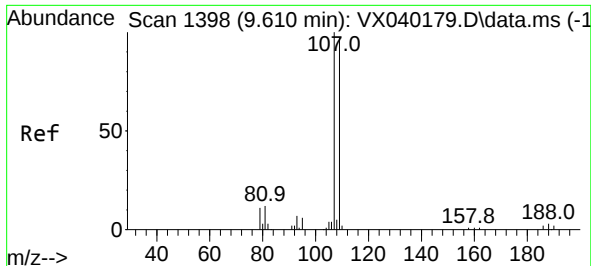
Tgt Ion:129 Resp: 21695

Ion Ratio Lower Upper

129 100

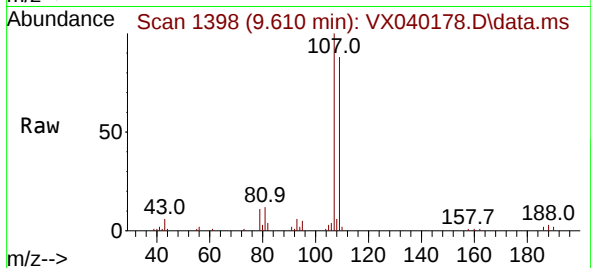
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.317 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

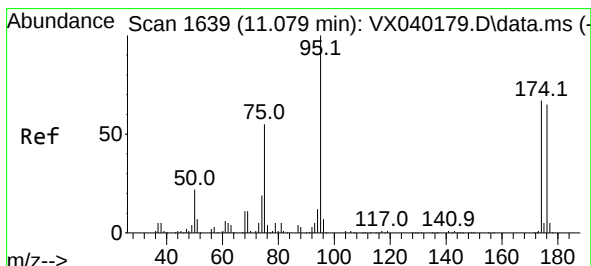
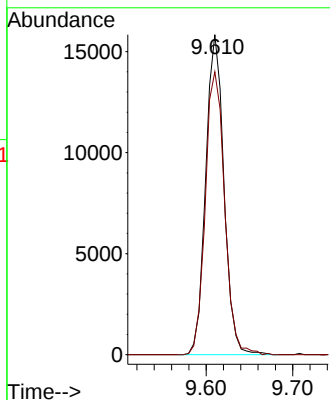
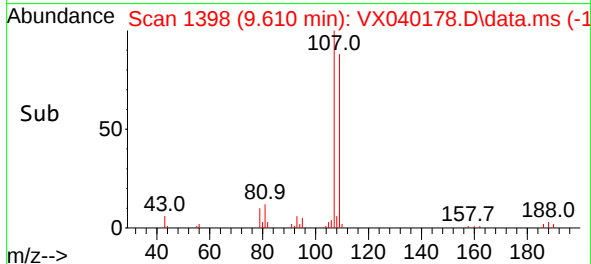
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



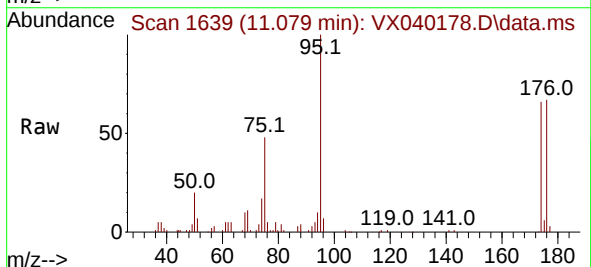
Tgt Ion:107 Resp: 23178
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
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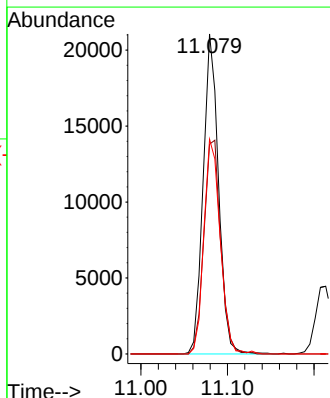
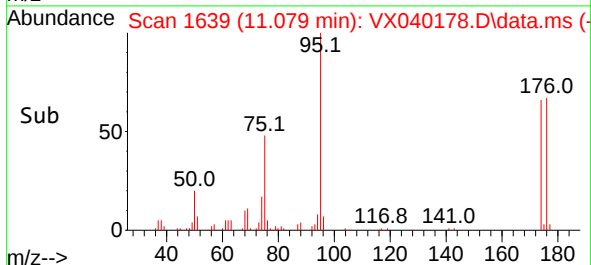
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

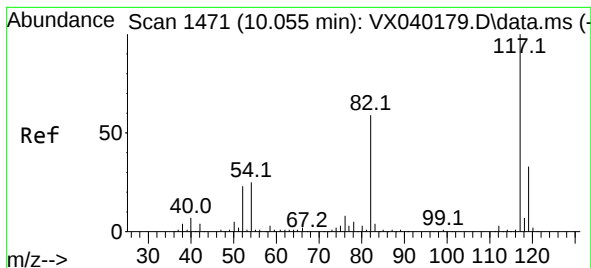


#62
4-Bromofluorobenzene
Concen: 17.338 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56



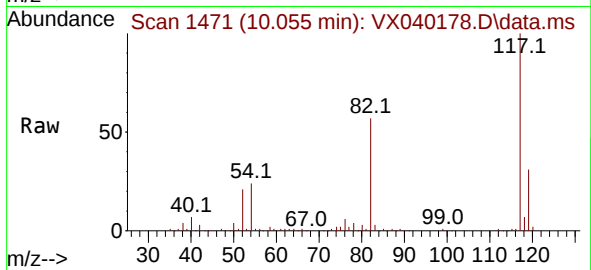
Tgt Ion: 95 Resp: 25940
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 71.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

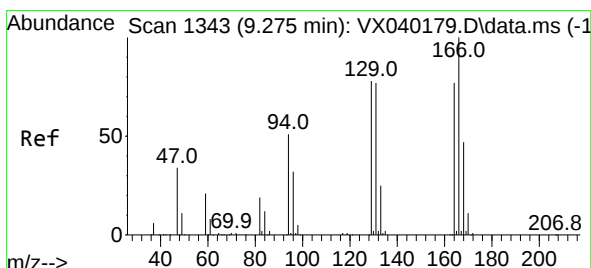
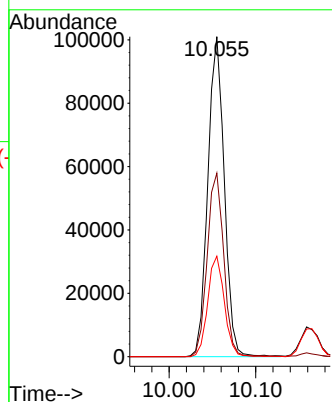
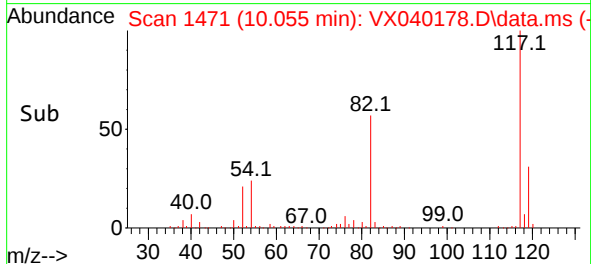
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



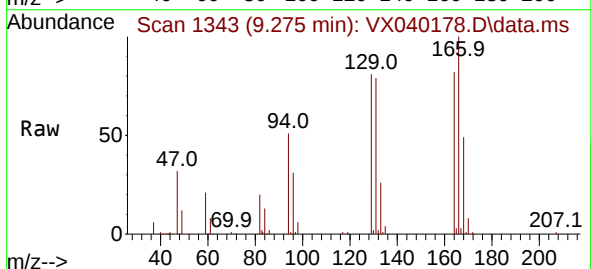
Tgt Ion:117 Resp: 13321
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 31.4 25.5 38.3

Manual Integrations
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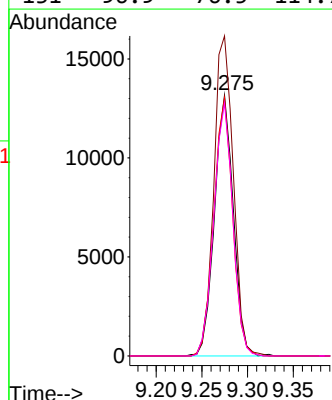
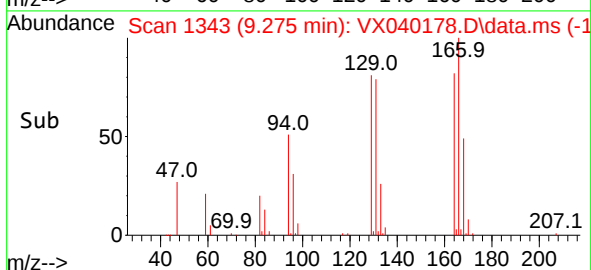
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

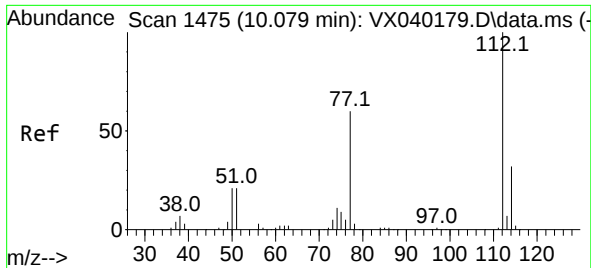


#64
Tetrachloroethene
Concen: 20.316 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56



Tgt Ion:164 Resp: 18966
Ion Ratio Lower Upper
164 100
166 122.7 102.7 154.1
129 99.1 80.4 120.6
131 96.9 76.5 114.7





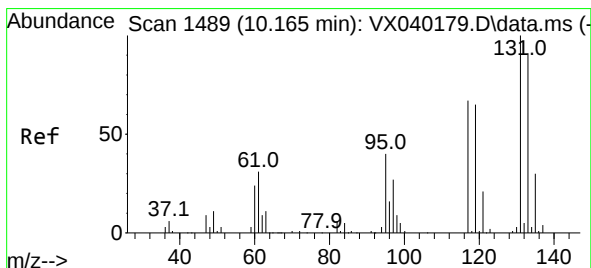
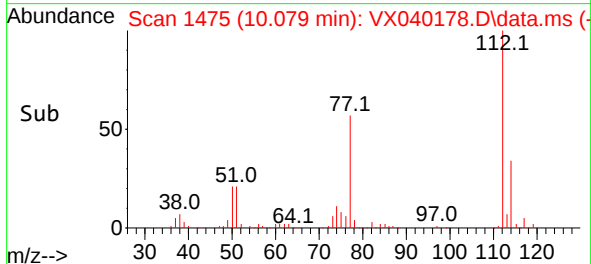
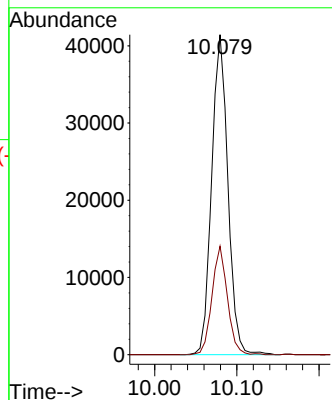
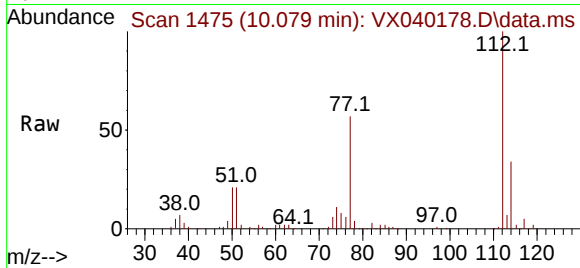
#65
Chlorobenzene
Concen: 20.454 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 5686
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5

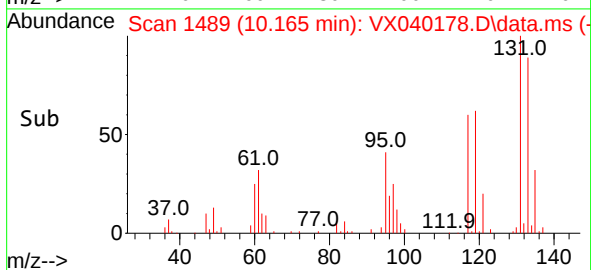
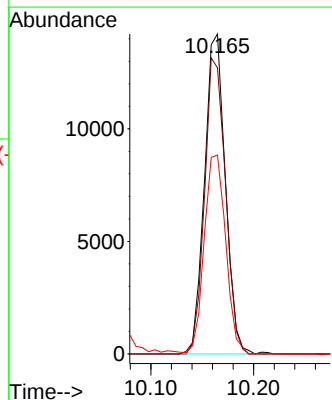
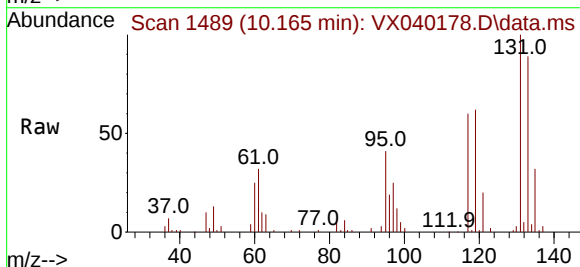
Manual Integrations
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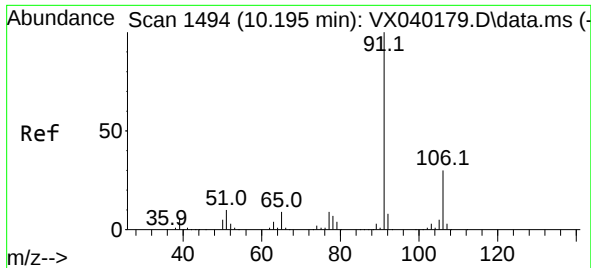
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.756 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

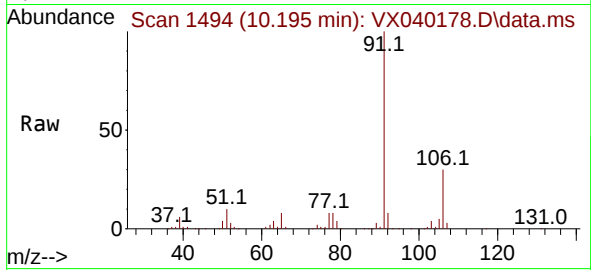
Tgt Ion:131 Resp: 19987
Ion Ratio Lower Upper
131 100
133 92.9 47.1 141.4
119 64.2 32.2 96.6





#67
Ethyl Benzene
Concen: 20.797 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

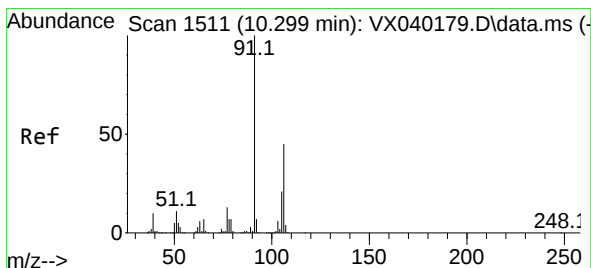
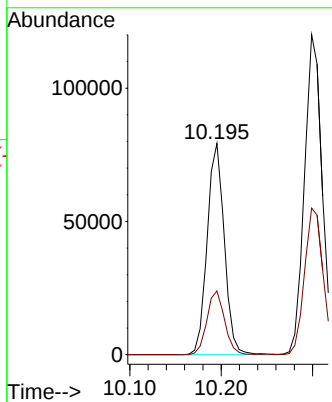
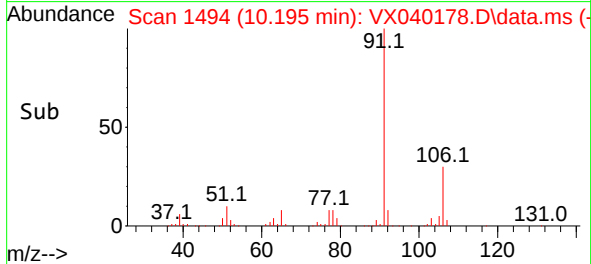
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



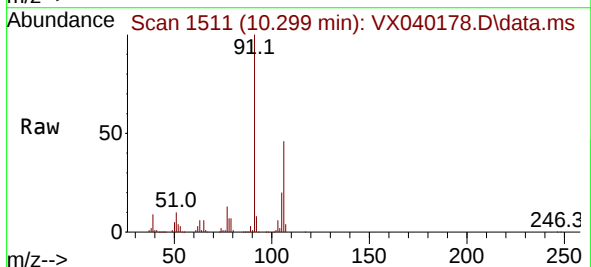
Tgt Ion: 91 Resp: 102980
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

Manual Integrations
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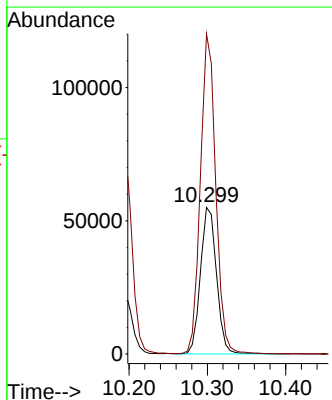
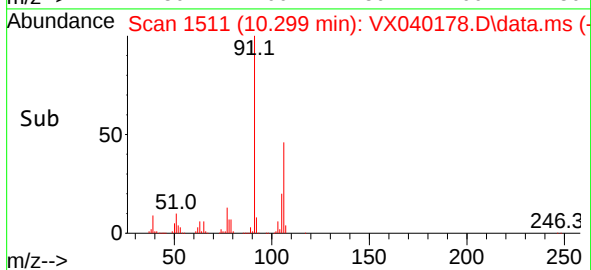
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

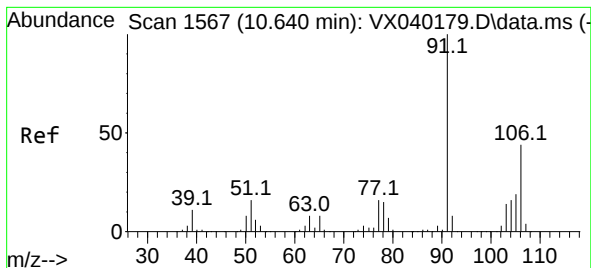


#68
m/p-Xylenes
Concen: 41.871 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56



Tgt Ion:106 Resp: 78305
Ion Ratio Lower Upper
106 100
91 208.7 165.5 248.3





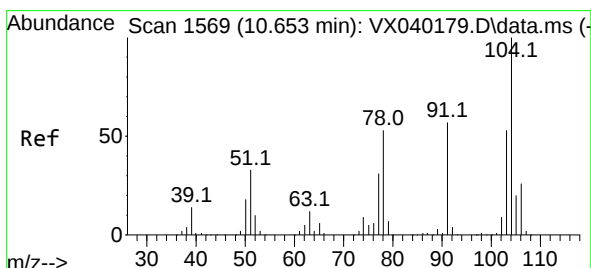
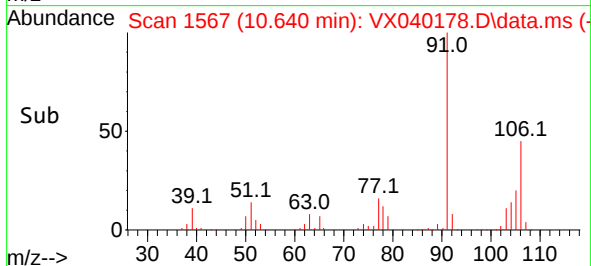
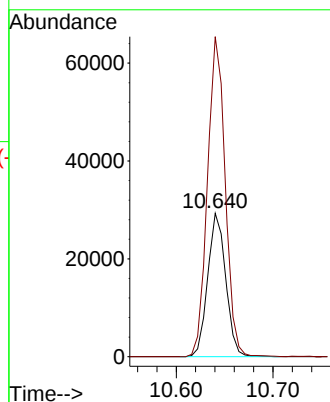
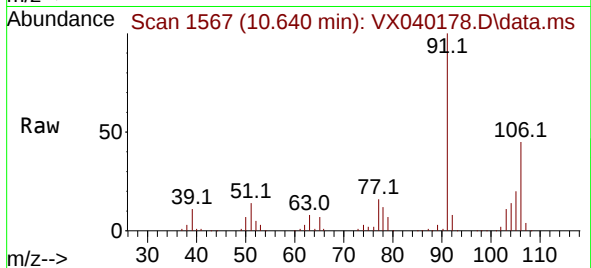
#69
o-Xylene
Concen: 20.908 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 3799
Ion Ratio Lower Upper
106 100
91 220.1 108.9 326.8

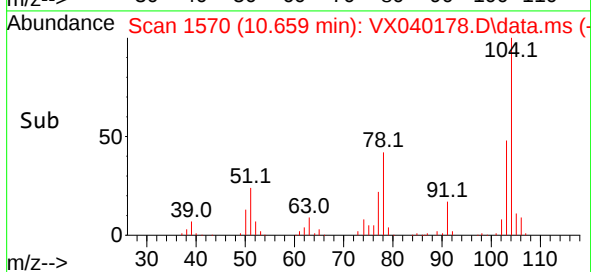
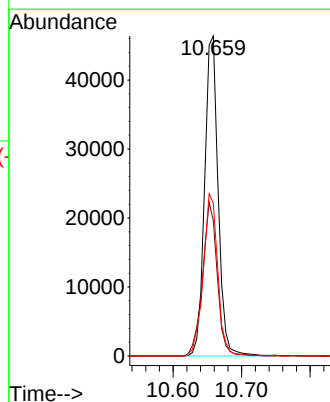
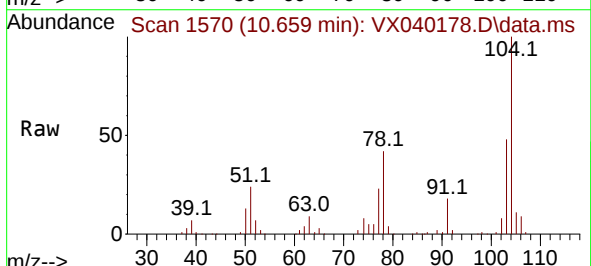
Manual Integrations
APPROVED

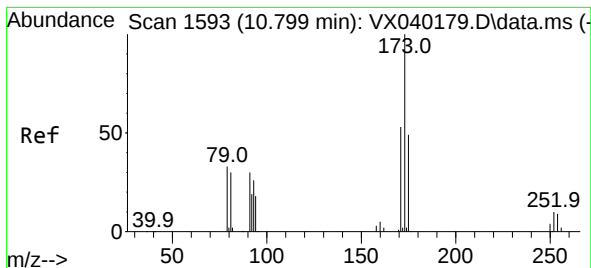
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#70
Styrene
Concen: 21.189 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

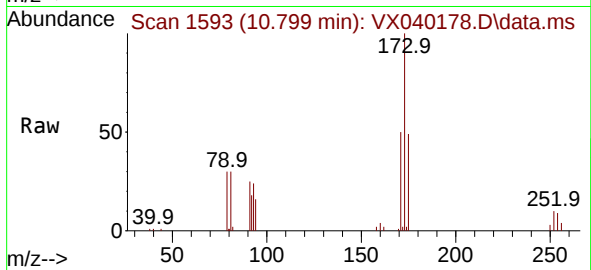
Tgt Ion:104 Resp: 64021
Ion Ratio Lower Upper
104 100
78 51.8 43.6 65.4
103 54.5 43.6 65.4





#71
Bromoform
Concen: 18.244 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

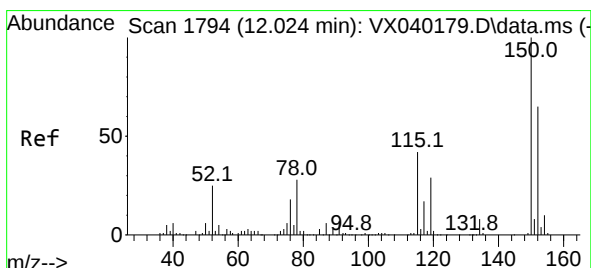
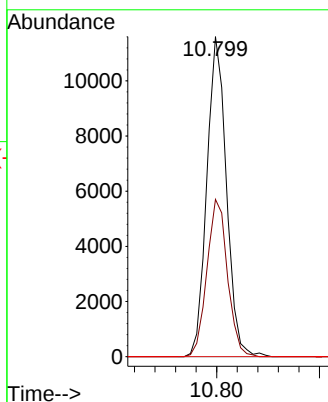
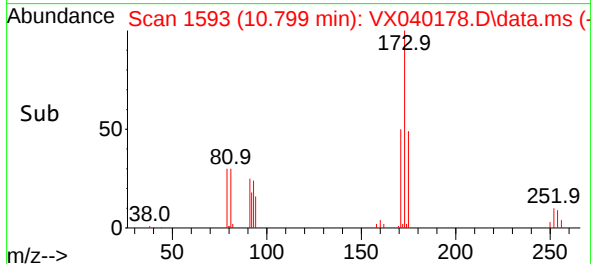
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



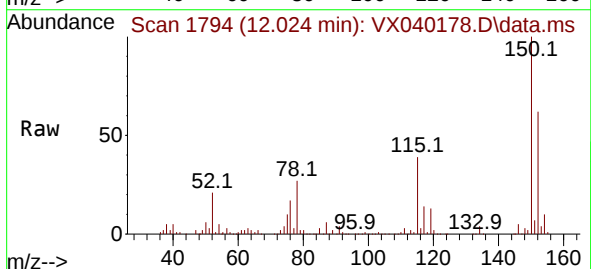
Tgt Ion:173 Resp: 15334
Ion Ratio Lower Upper
173 100
175 51.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
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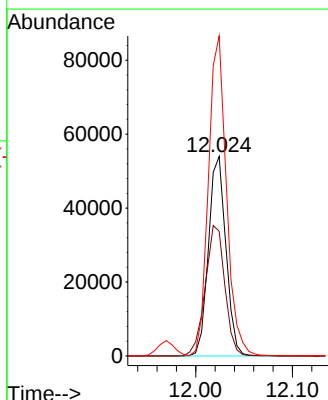
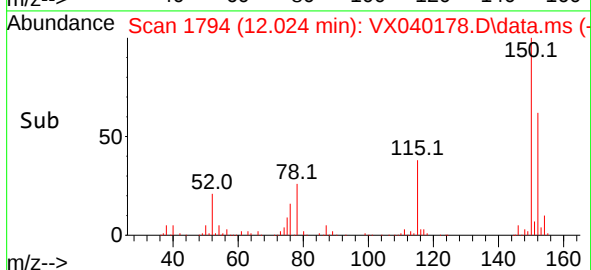
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

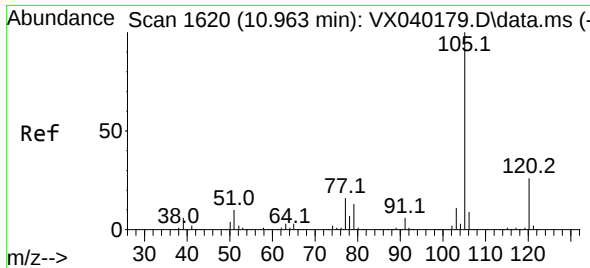


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56



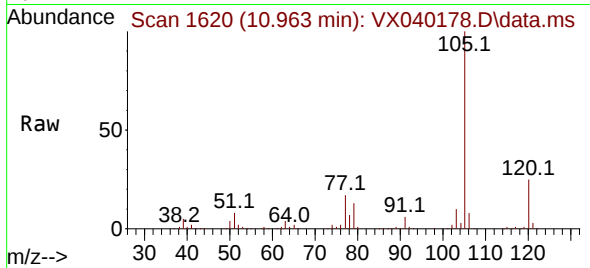
Tgt Ion:152 Resp: 67729
Ion Ratio Lower Upper
152 100
115 73.5 43.3 129.9
150 165.2 0.0 345.0





#73
Isopropylbenzene
Concen: 21.246 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

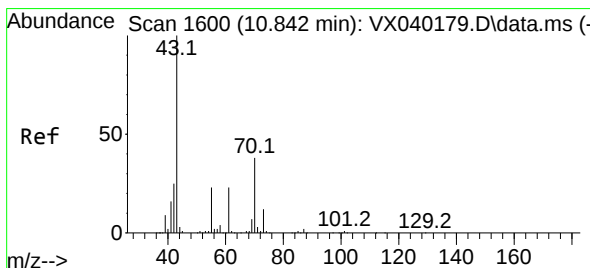
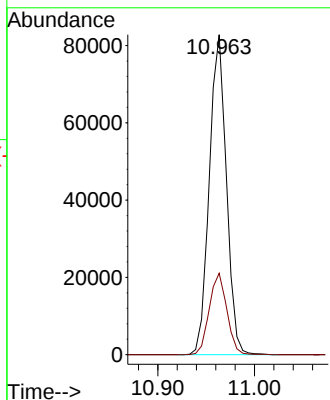
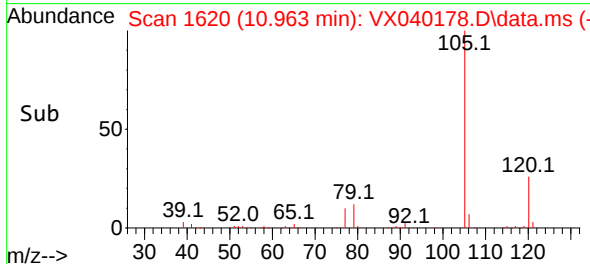
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



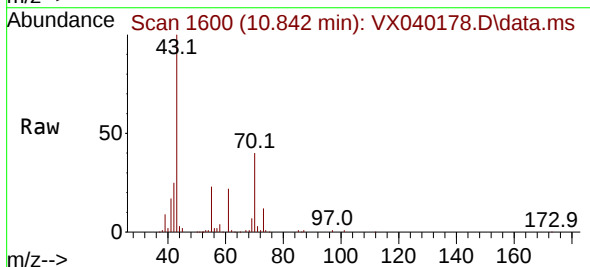
Tgt Ion:105 Resp: 10135
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

Manual Integrations
APPROVED

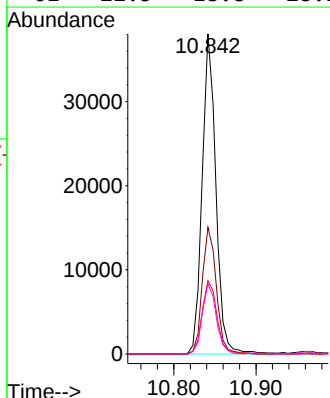
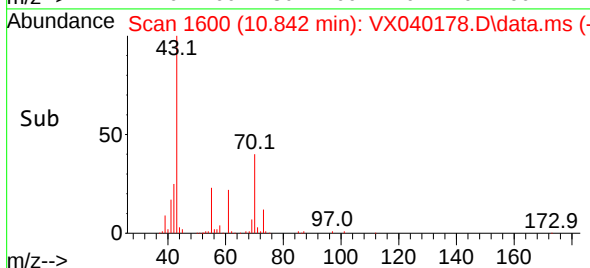
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

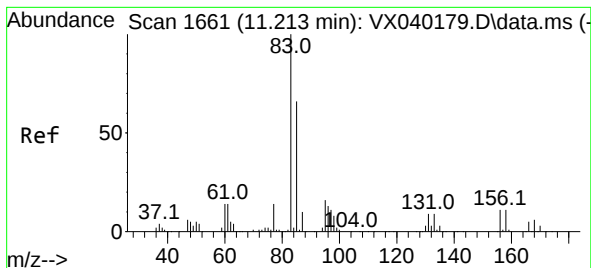


#74
N-ethyl acetate
Concen: 21.577 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56



Tgt Ion: 43 Resp: 44120
Ion Ratio Lower Upper
43 100
70 40.3 32.9 49.3
55 24.8 19.3 28.9
61 22.5 18.8 28.2





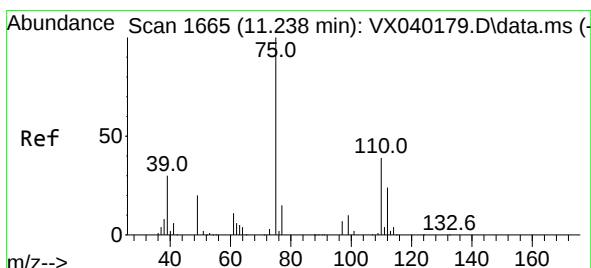
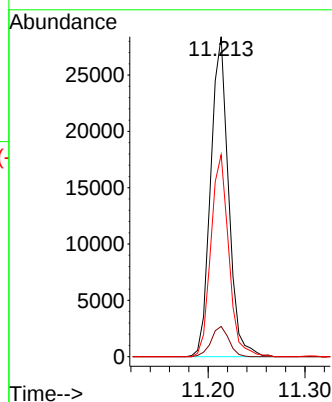
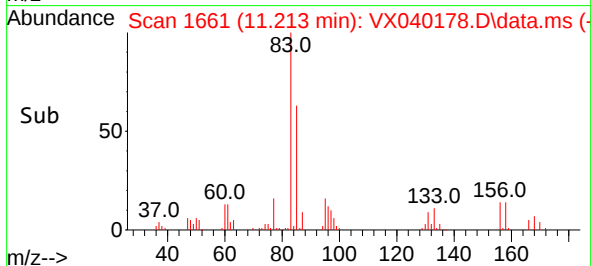
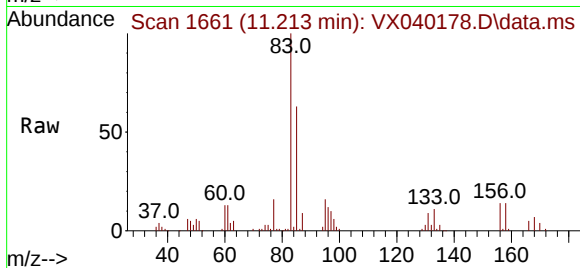
#75
1,1,2,2-Tetrachloroethane
Concen: 21.219 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 3636
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 63.1 32.0 96.2

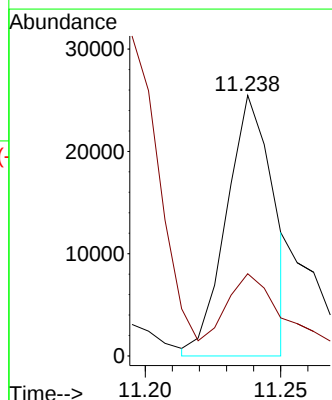
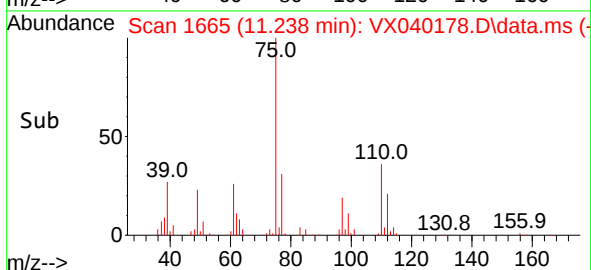
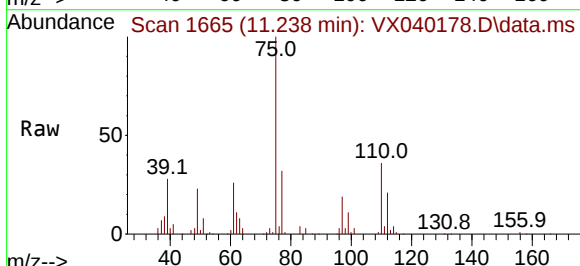
Manual Integrations
APPROVED

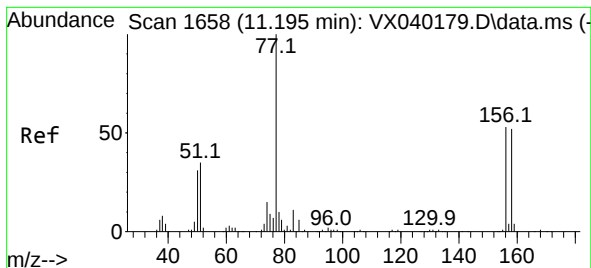
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,2,3-Trichloropropane
Concen: 22.345 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 75 Resp: 30647
Ion Ratio Lower Upper
75 100
77 41.6 19.1 57.5





#77

Bromobenzene

Concen: 21.259 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

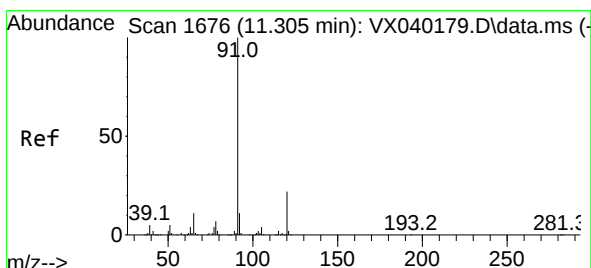
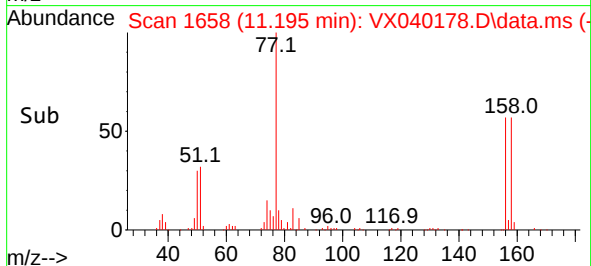
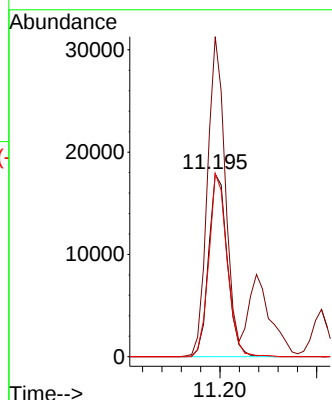
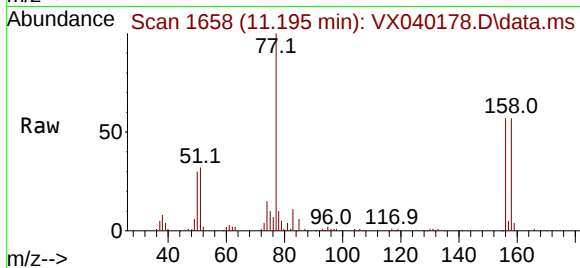
Tgt Ion:	156	Resp:	2395
Ion Ratio	Lower	Upper	
156	100		
77	167.5	88.4	265.3
158	98.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#78

n-propylbenzene

Concen: 21.188 ug/l

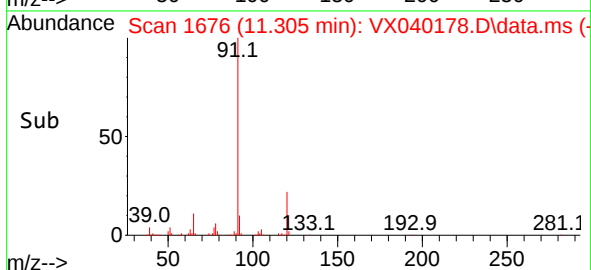
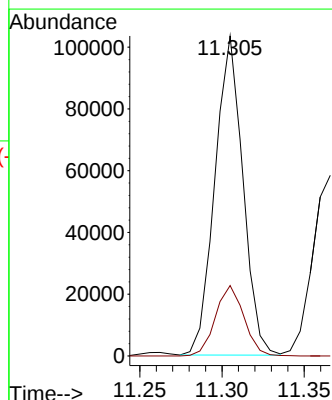
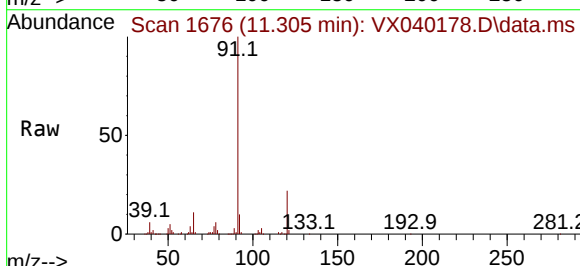
RT: 11.305 min Scan# 1676

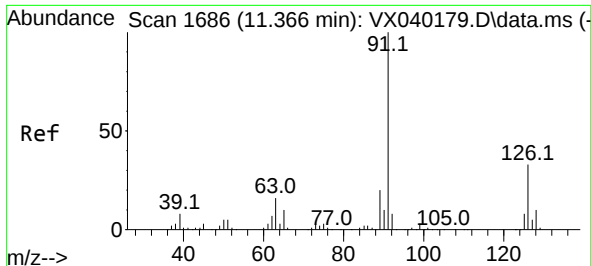
Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Tgt Ion:	91	Resp:	122367
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





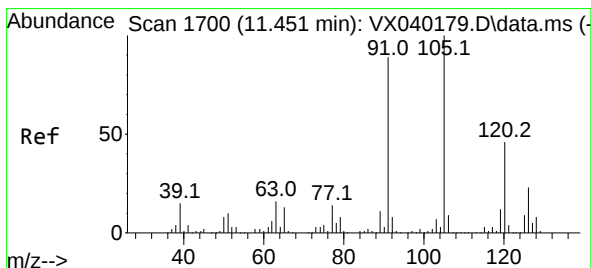
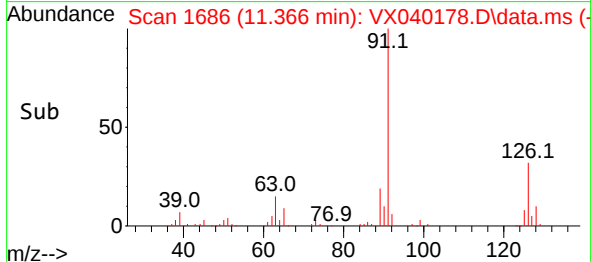
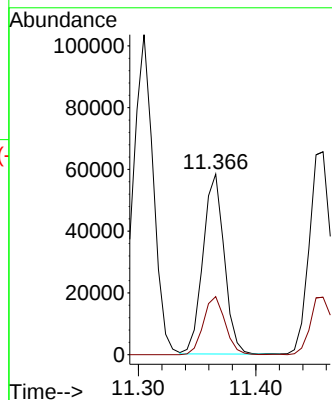
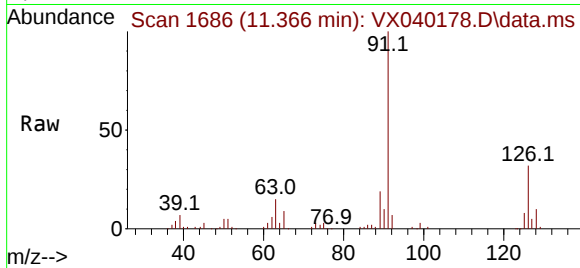
#79
2-Chlorotoluene
Concen: 21.006 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 73259
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

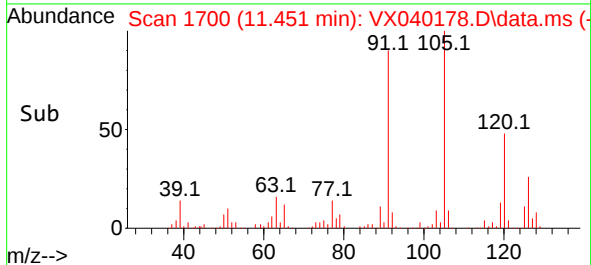
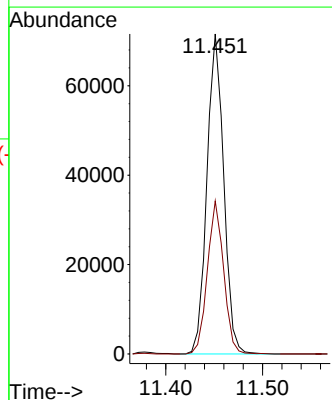
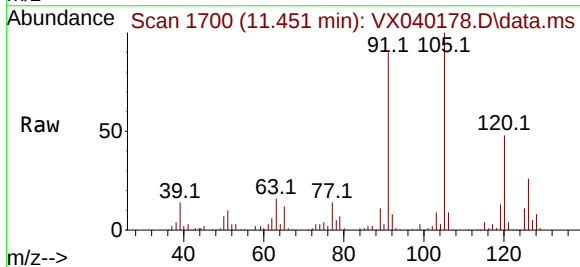
Manual Integrations
APPROVED

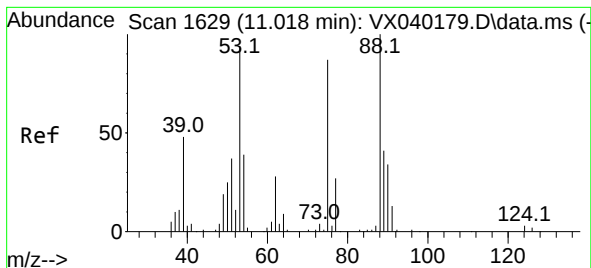
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.517 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

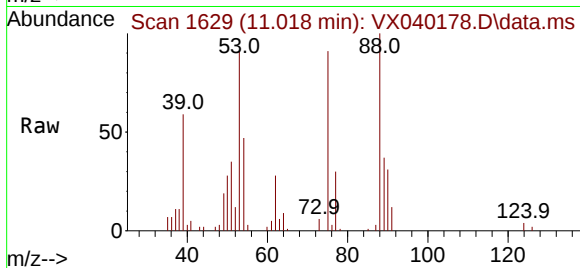
Tgt Ion:105 Resp: 86415
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.071 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

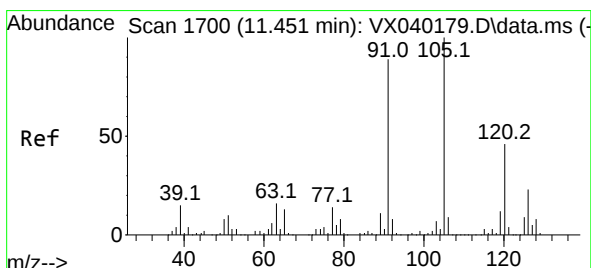
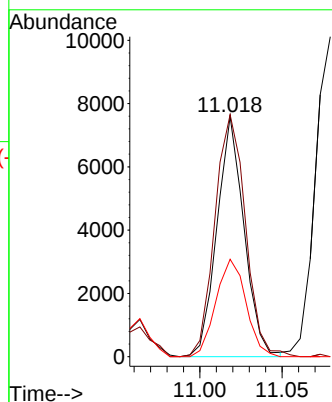
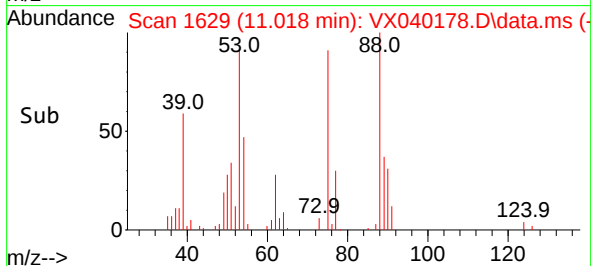
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 8680
Ion Ratio Lower Upper
75 100
53 113.7 90.5 135.7
89 45.0 36.9 55.3

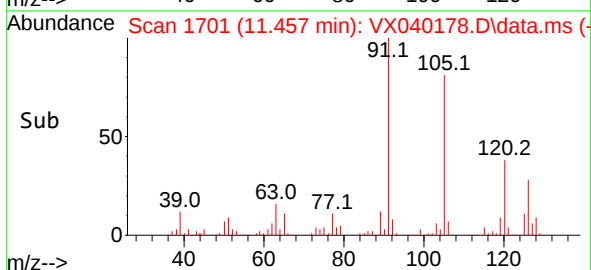
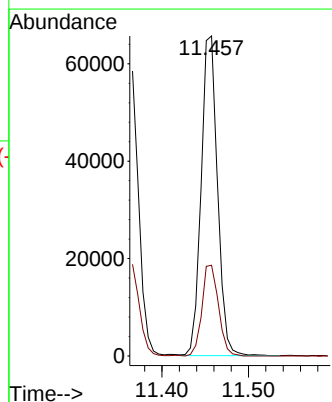
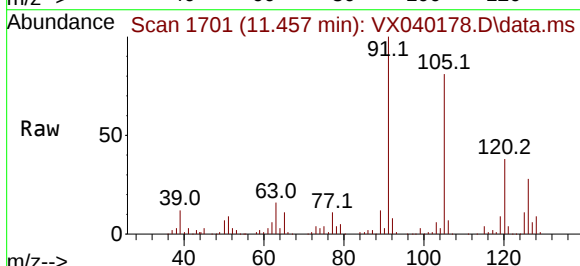
Manual Integrations
APPROVED

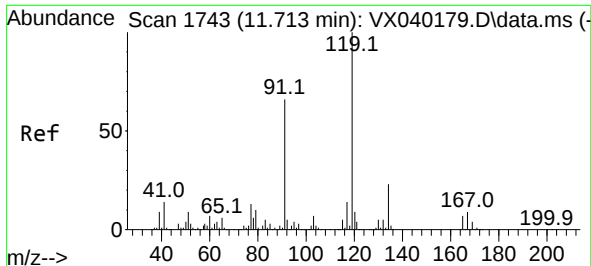
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#82
4-Chlorotoluene
Concen: 20.821 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

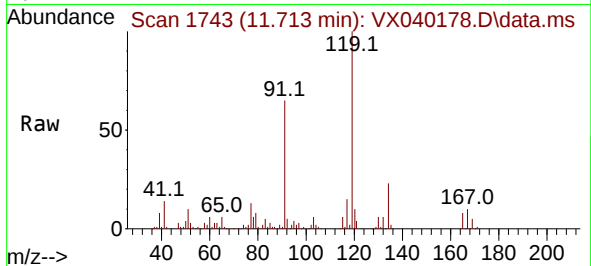
Tgt Ion: 91 Resp: 86035
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.862 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

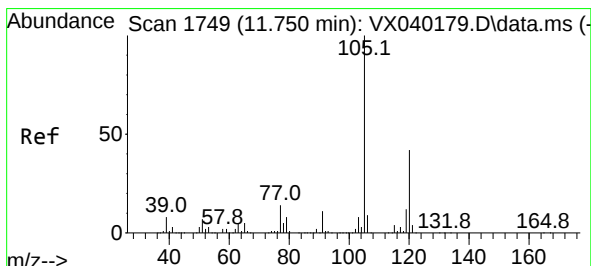
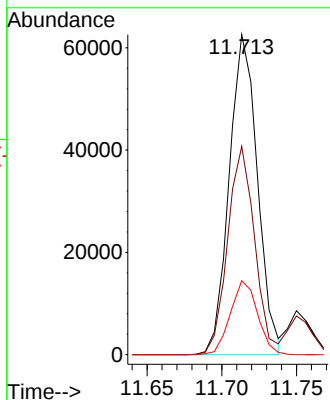
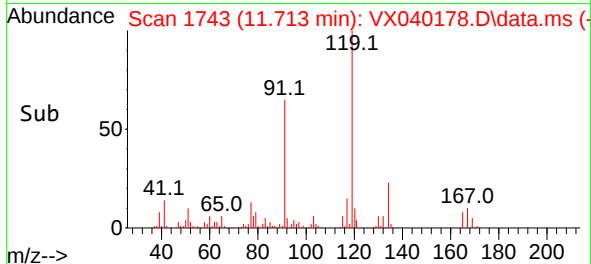
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



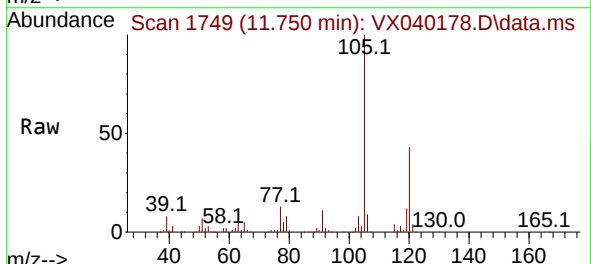
Tgt Ion:119 Resp: 8214
Ion Ratio Lower Upper
119 100
91 62.3 31.2 93.6
134 22.3 11.7 35.0

Manual Integrations
APPROVED

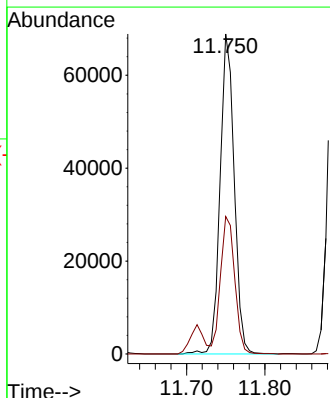
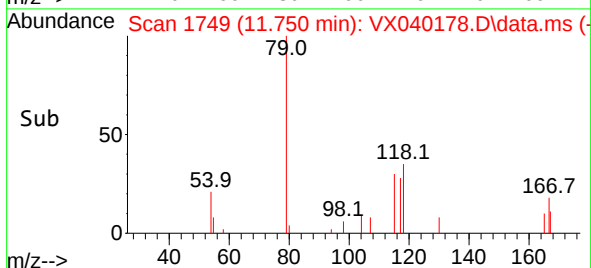
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

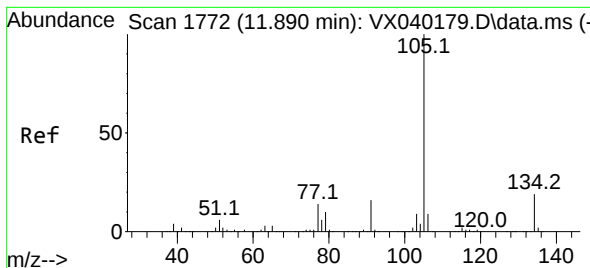


#84
1,2,4-Trimethylbenzene
Concen: 21.299 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56



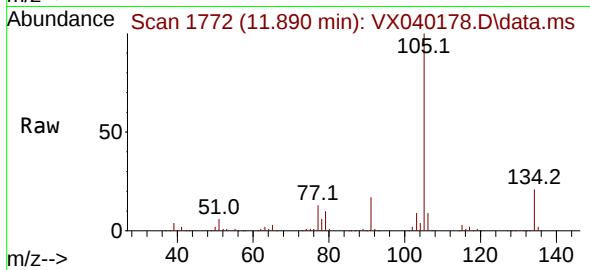
Tgt Ion:105 Resp: 86539
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 21.100 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040178.D
 Acq: 09 Feb 2024 16:56

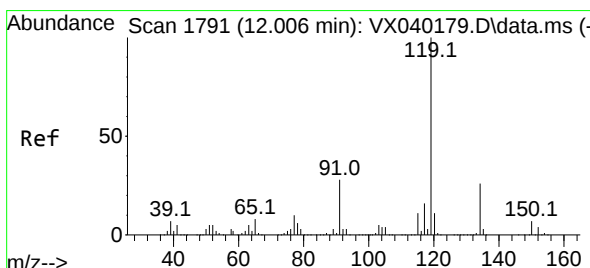
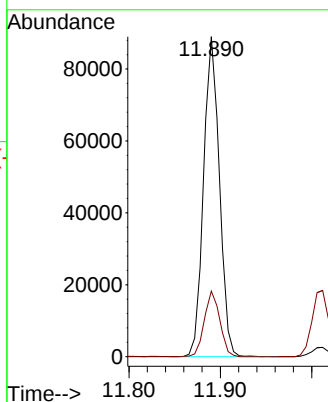
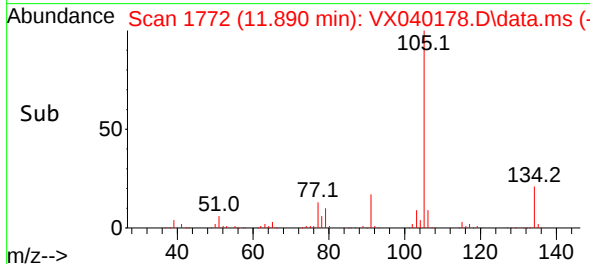
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



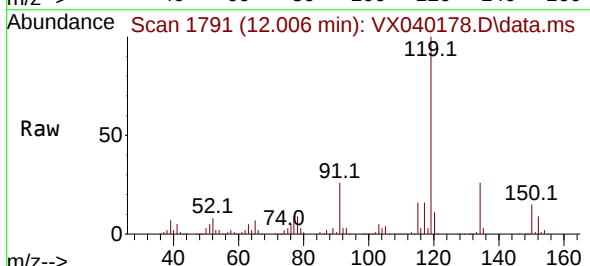
Tgt Ion:105 Resp: 106770
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
 APPROVED

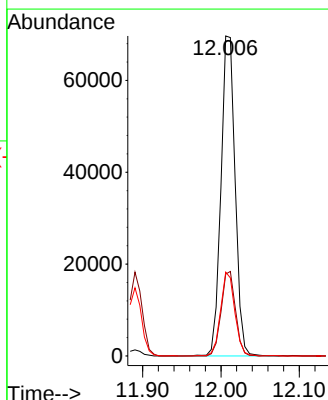
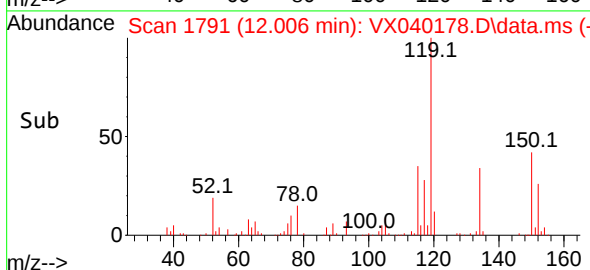
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

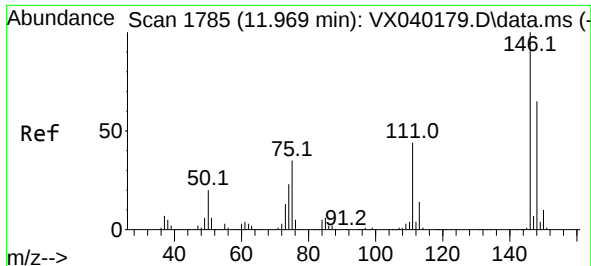


#86
 p-Isopropyltoluene
 Concen: 21.214 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040178.D
 Acq: 09 Feb 2024 16:56



Tgt Ion:119 Resp: 87995
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 21.199 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 47329

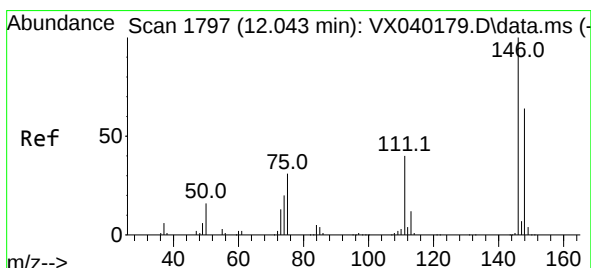
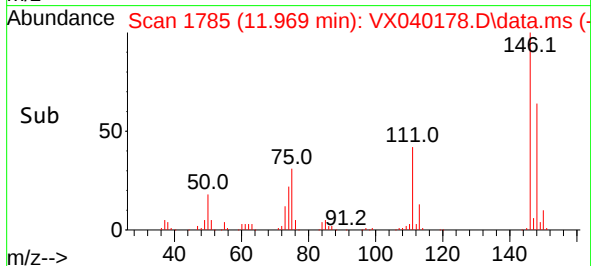
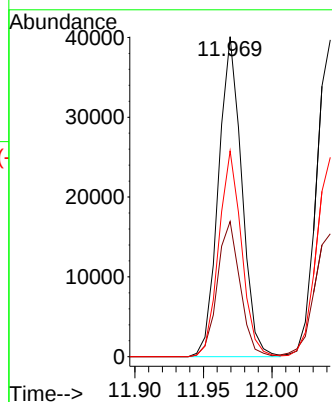
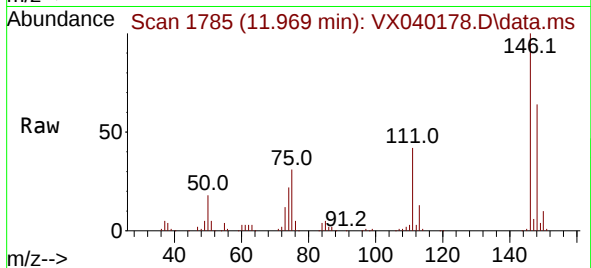
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.1	66.1
148	62.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#88

1,4-Dichlorobenzene

Concen: 20.683 ug/l

RT: 12.043 min Scan# 1797

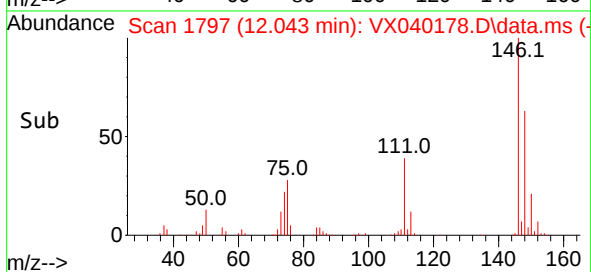
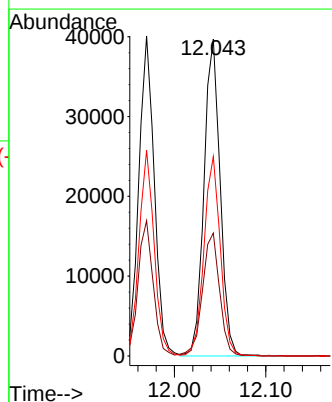
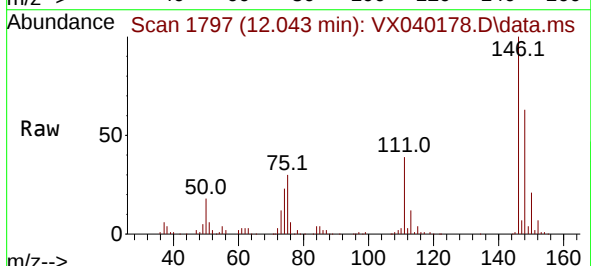
Delta R.T. 0.000 min

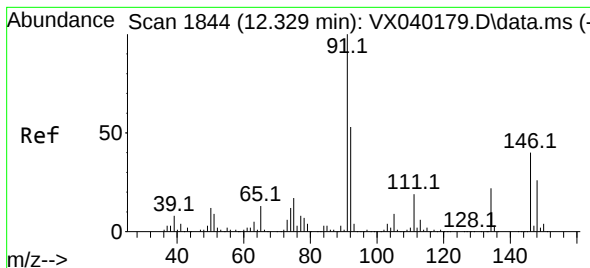
Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Tgt Ion:146 Resp: 48897

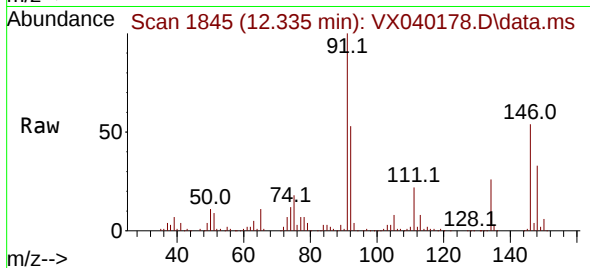
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	63.5	31.8	95.4





#89
n-Butylbenzene
Concen: 20.966 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

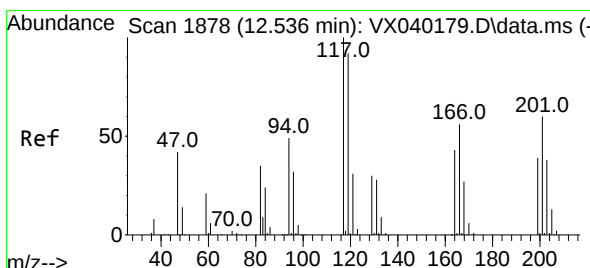
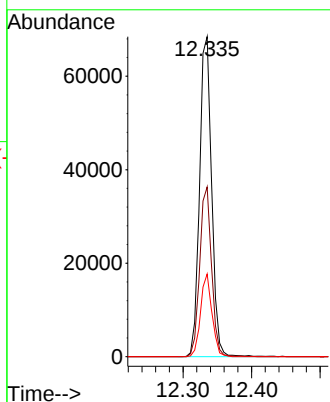
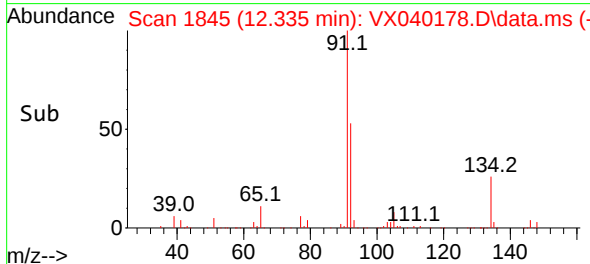
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 8394
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 24.5 12.6 37.8

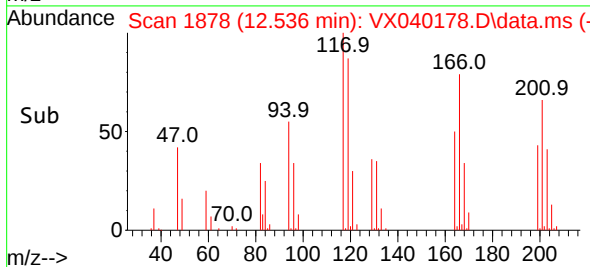
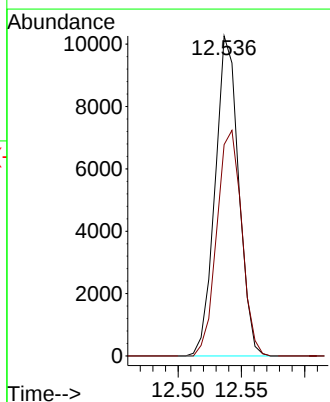
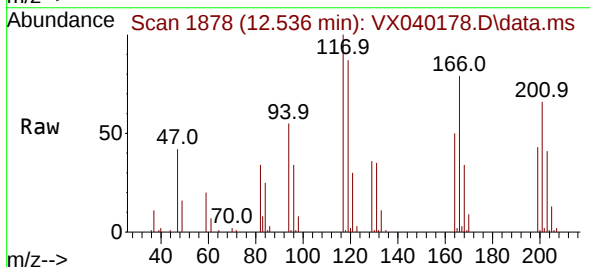
Manual Integrations
APPROVED

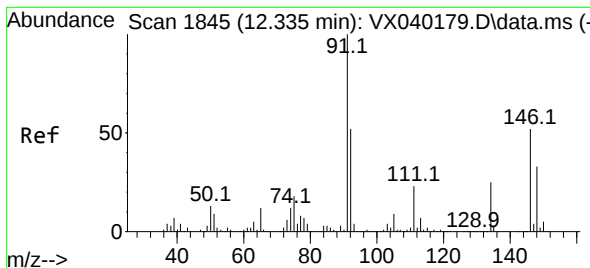
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#90
Hexachloroethane
Concen: 20.270 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

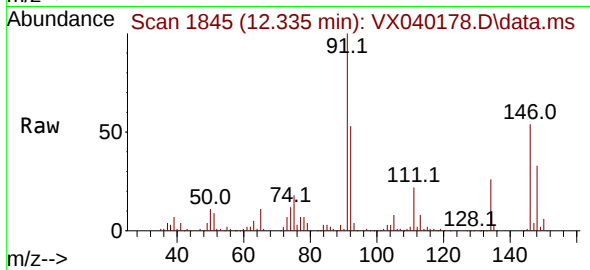
Tgt Ion:117 Resp: 13262
Ion Ratio Lower Upper
117 100
201 74.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 21.172 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

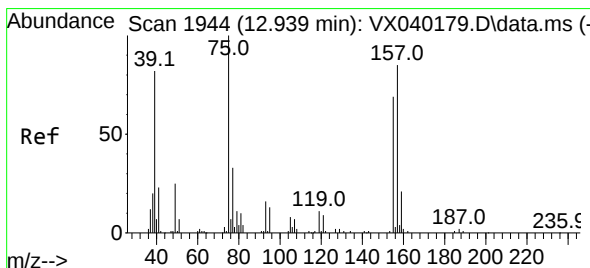
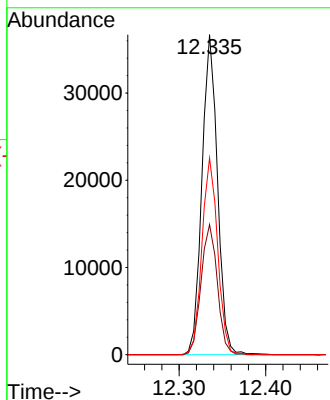
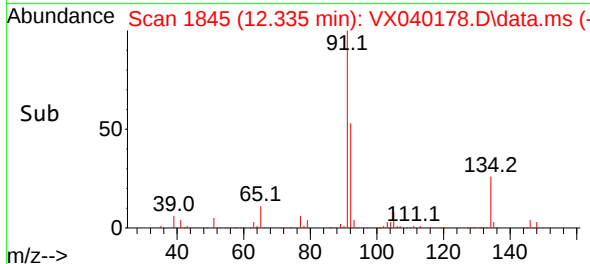
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 45750
Ion Ratio Lower Upper
146 100
111 42.5 22.4 67.0
148 62.1 31.6 95.0

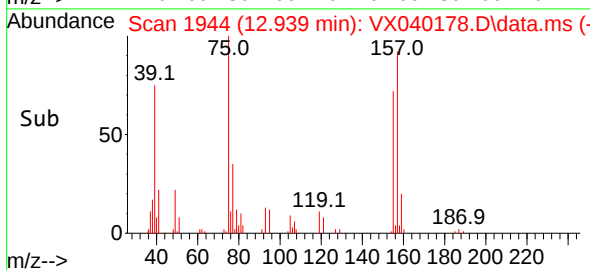
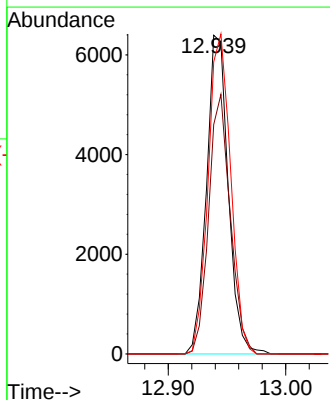
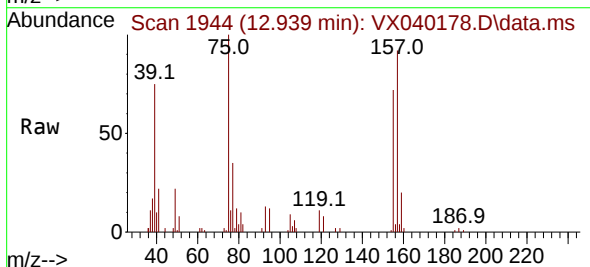
Manual Integrations
APPROVED

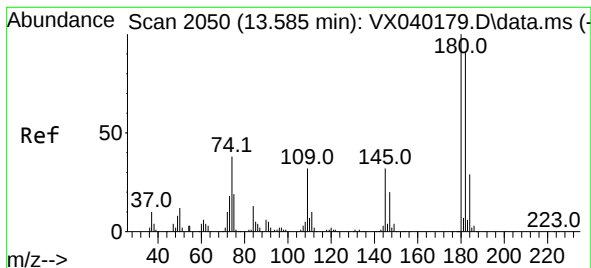
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.771 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Tgt Ion: 75 Resp: 8216
Ion Ratio Lower Upper
75 100
155 80.9 36.1 108.5
157 103.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.438 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

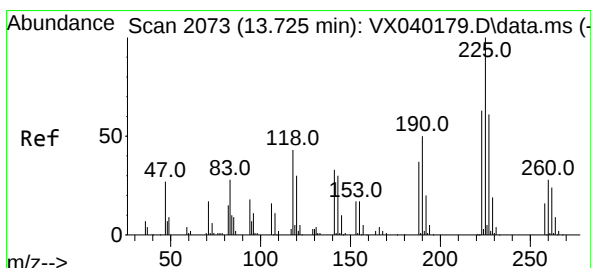
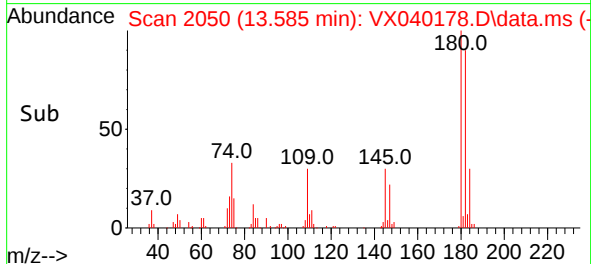
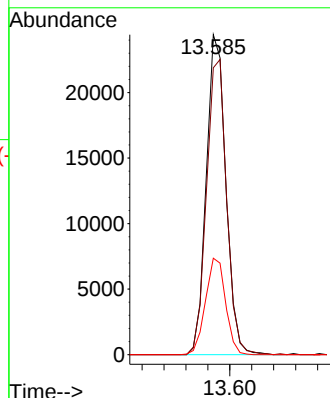
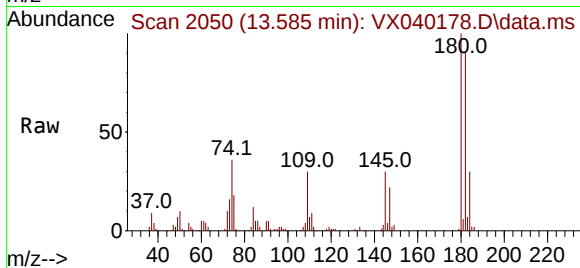
Tgt Ion:180	Resp:	30239
Ion Ratio	Lower	Upper
180	100	
182	95.1	48.3 144.8
145	31.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#94

Hexachlorobutadiene

Concen: 19.280 ug/l

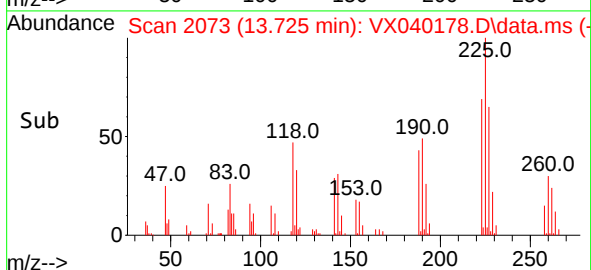
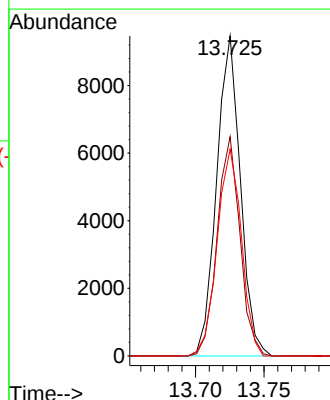
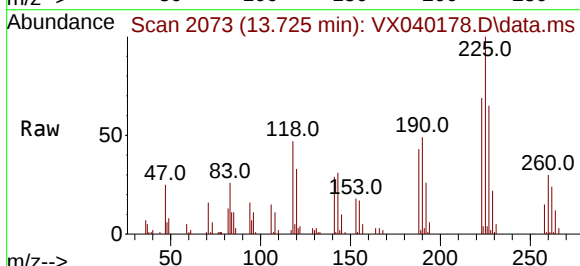
RT: 13.725 min Scan# 2073

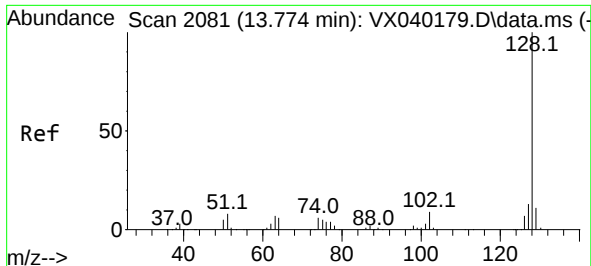
Delta R.T. 0.000 min

Lab File: VX040178.D

Acq: 09 Feb 2024 16:56

Tgt Ion:225	Resp:	11385
Ion Ratio	Lower	Upper
225	100	
223	65.8	31.1 93.2
227	66.0	32.5 97.5





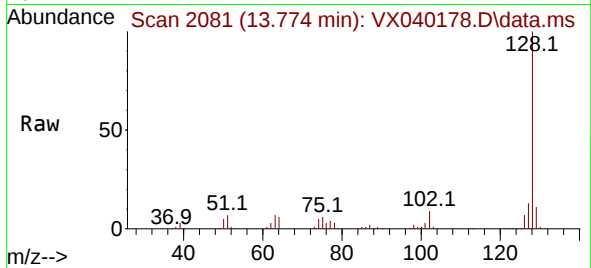
#95
Naphthalene
Concen: 20.921 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



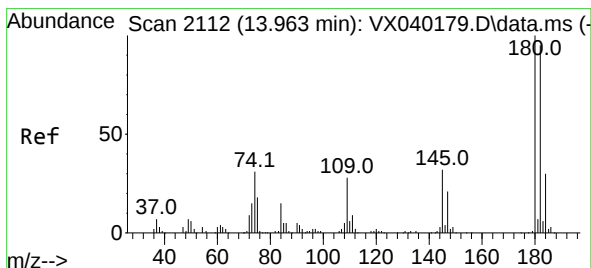
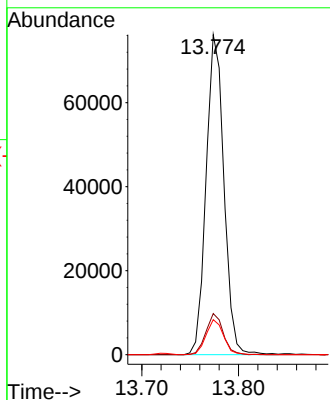
Tgt Ion:128 Resp: 9776
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations

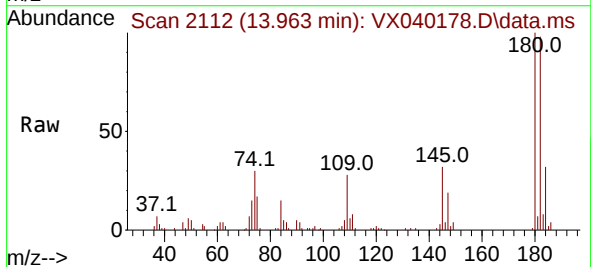
APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 21.059 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040178.D
Acq: 09 Feb 2024 16:56



Tgt Ion:180 Resp: 29699
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 32.8 17.8 53.5

