

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043032.D
 Acq On : 14 Aug 2024 15:29
 Operator : JC/MD
 Sample : VX0814WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

Quant Time: Aug 15 04:33:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	128123	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	227320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80182	47.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.260%		
35) Dibromofluoromethane	5.385	113	68696	48.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.700%		
50) Toluene-d8	8.647	98	265772	48.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.920%		
62) 4-Bromofluorobenzene	11.079	95	90938	46.199	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26038	20.101	ug/l	99
3) Chloromethane	1.300	50	37426	19.518	ug/l	100
4) Vinyl Chloride	1.374	62	37558	19.501	ug/l	100
5) Bromomethane	1.593	94	12173	20.859	ug/l	96
6) Chloroethane	1.666	64	13519	22.271	ug/l	97
7) Trichlorofluoromethane	1.867	101	43545	21.624	ug/l	98
8) Diethyl Ether	2.136	74	18226	19.565	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	27904	19.376	ug/l	98
10) Methyl Iodide	2.441	142	29096	18.060	ug/l	# 86
11) Tert butyl alcohol	2.995	59	42168m	97.079	ug/l	
12) 1,1-Dichloroethene	2.306	96	29325	18.976	ug/l	85
13) Acrolein	2.239	56	39504	89.960	ug/l	98
14) Allyl chloride	2.654	41	53009	18.301	ug/l	90
15) Acrylonitrile	3.068	53	101950	94.761	ug/l	97
16) Acetone	2.392	43	84128	100.751	ug/l	# 86
17) Carbon Disulfide	2.501	76	82692	18.659	ug/l	100
18) Methyl Acetate	2.709	43	52367	18.978	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	97332	18.688	ug/l	97
20) Methylene Chloride	2.782	84	34108	17.664	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	29730	18.447	ug/l	89
22) Diisopropyl ether	3.770	45	109855	18.573	ug/l	88
23) Vinyl Acetate	3.721	43	648175	94.003	ug/l	99
24) 1,1-Dichloroethane	3.605	63	56018	18.779	ug/l	96
25) 2-Butanone	4.568	43	140855	96.227	ug/l	97
26) 2,2-Dichloropropane	4.471	77	45423	19.114	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	35737	18.370	ug/l	92
28) Bromochloromethane	4.897	49	25150	18.636	ug/l	100
29) Tetrahydrofuran	5.013	42	95299	93.933	ug/l	99
30) Chloroform	5.092	83	52578	18.348	ug/l	96
31) Cyclohexane	5.464	56	52107	18.572	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	45489	19.015	ug/l	98
36) 1,1-Dichloropropene	5.690	75	38155	19.530	ug/l	98
37) Ethyl Acetate	4.721	43	54915	19.954	ug/l	99
38) Carbon Tetrachloride	5.672	117	38414	19.445	ug/l	97
39) Methylcyclohexane	7.379	83	53028	19.605	ug/l	92
40) Benzene	6.031	78	124919	18.768	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29205	20.135	ug/l	93
42) 1,2-Dichloroethane	6.086	62	37382	19.309	ug/l	93
43) Isopropyl Acetate	6.348	43	85132	19.172	ug/l	98
44) Trichloroethene	7.129	130	29508	19.578	ug/l	88
45) 1,2-Dichloropropane	7.427	63	32041	19.562	ug/l	95
46) Dibromomethane	7.580	93	21296	19.015	ug/l	95
47) Bromodichloromethane	7.824	83	41360	19.021	ug/l	97
48) Methyl methacrylate	7.696	41	38440	18.417	ug/l	90
49) 1,4-Dioxane	7.671	88	17586	405.598	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	273844	97.040	ug/l	98
52) Toluene	8.720	92	77159	19.191	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	44024	18.539	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	48958	18.745	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	29902	18.935	ug/l	93
56) Ethyl methacrylate	9.116	69	55081	19.261	ug/l	93
57) 1,3-Dichloropropane	9.311	76	51555	19.263	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	120550	89.833	ug/l	99
59) 2-Hexanone	9.433	43	212519	98.000	ug/l	95
60) Dibromochloromethane	9.518	129	31785	19.088	ug/l	99
61) 1,2-Dibromoethane	9.610	107	30473	19.135	ug/l	98
64) Tetrachloroethene	9.275	164	25322	20.163	ug/l	97
65) Chlorobenzene	10.079	112	82313	19.606	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27403	19.371	ug/l	97
67) Ethyl Benzene	10.195	91	143150	19.621	ug/l	99
68) m/p-Xylenes	10.299	106	111208	39.640	ug/l	94
69) o-Xylene	10.640	106	55194	19.584	ug/l	94
70) Styrene	10.659	104	91660	19.398	ug/l	95
71) Bromoform	10.799	173	22219	18.912	ug/l #	98
73) Isopropylbenzene	10.963	105	138762	20.180	ug/l	97
74) N-amyl acetate	10.841	43	73283	18.711	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	49836	18.829	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38950m	18.854	ug/l	
77) Bromobenzene	11.195	156	32739	19.819	ug/l	94
78) n-propylbenzene	11.305	91	157712	20.125	ug/l	99
79) 2-Chlorotoluene	11.366	91	93623	19.196	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	112746	19.904	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17277	18.241	ug/l #	80
82) 4-Chlorotoluene	11.457	91	106005	19.505	ug/l	96
83) tert-Butylbenzene	11.713	119	115899	19.769	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	111872	19.576	ug/l	94
85) sec-Butylbenzene	11.890	105	145154	20.397	ug/l	98
86) p-Isopropyltoluene	12.006	119	117269	20.169	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	58278	19.620	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	59657	19.630	ug/l	99
89) n-Butylbenzene	12.335	91	99012	19.672	ug/l	99
90) Hexachloroethane	12.536	117	22242	19.046	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	59791	19.965	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10087	19.481	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	33158	19.671	ug/l	97
94) Hexachlorobutadiene	13.725	225	13112	20.845	ug/l	98
95) Naphthalene	13.774	128	128427	19.291	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34072	19.762	ug/l	97

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MSVOA_X
ClientSampleId :
VX0814WBS01

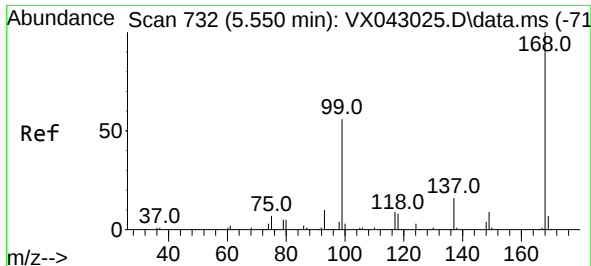
Manual Integrations
APPROVED

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Quant Time: Aug 15 04:33:24 2024
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration

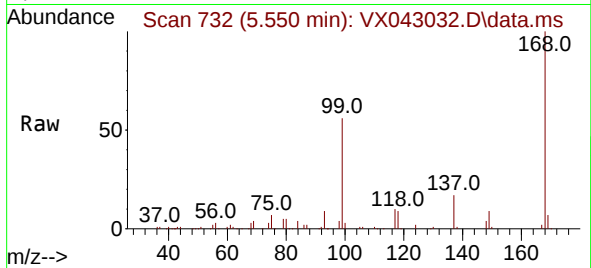
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043032.D
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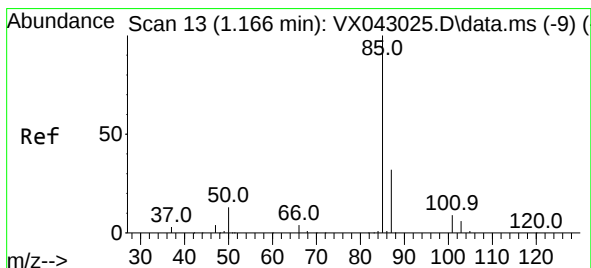
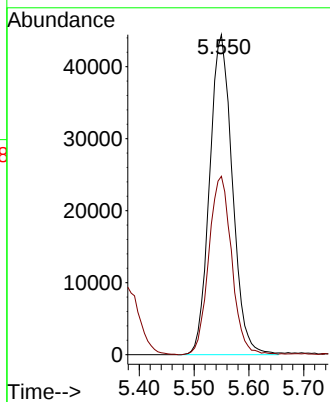
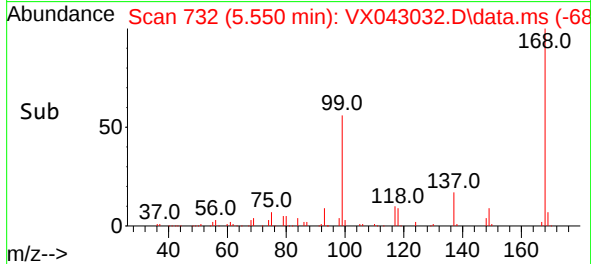
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion:168 Resp: 12812
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0

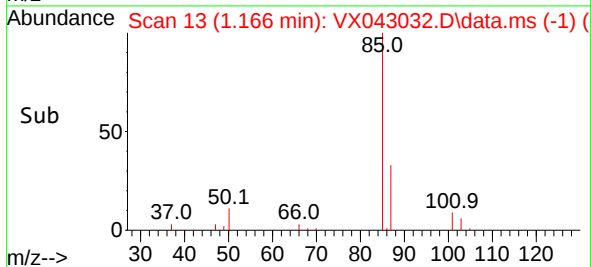
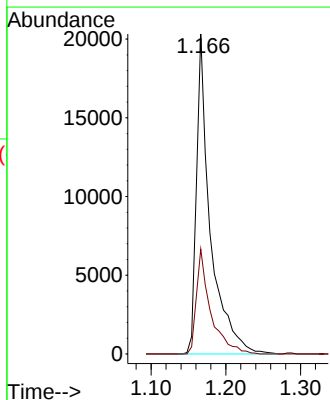
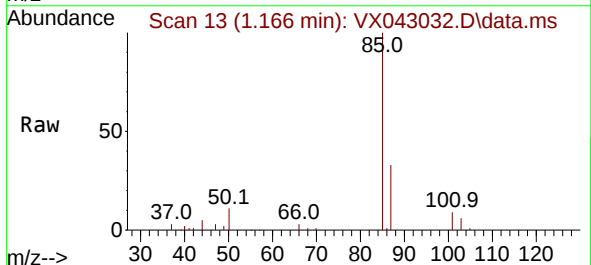
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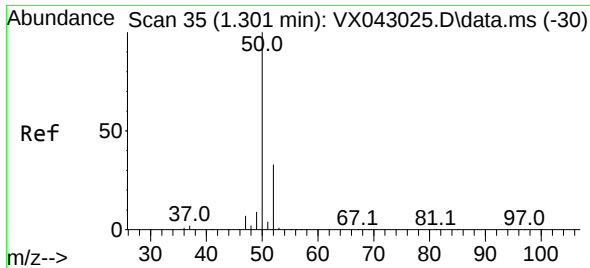
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#2
Dichlorodifluoromethane
Concen: 20.101 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion: 85 Resp: 26038
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





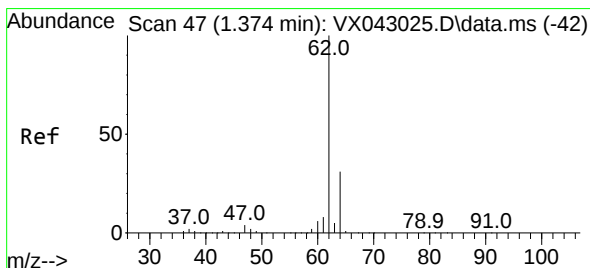
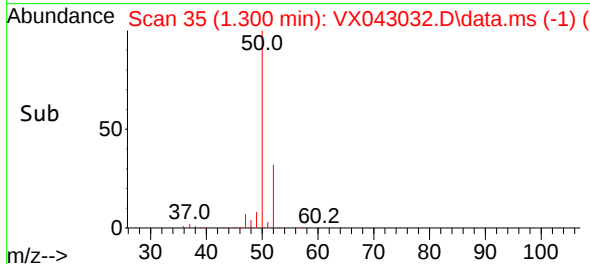
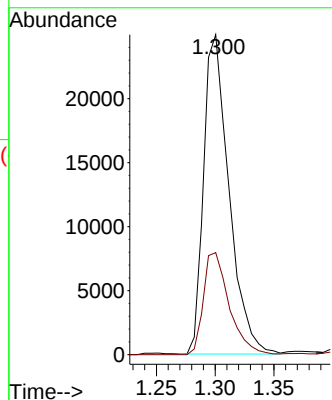
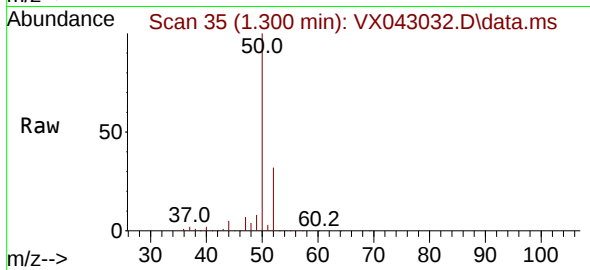
#3
Chloromethane
Concen: 19.518 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
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Tgt Ion: 50 Resp: 37420
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

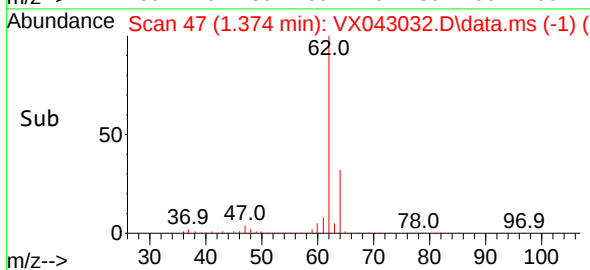
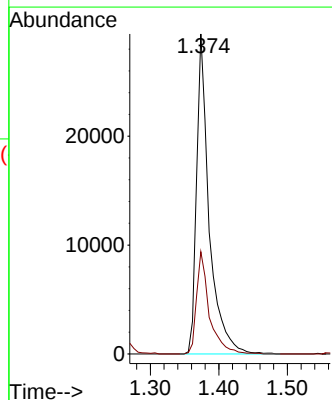
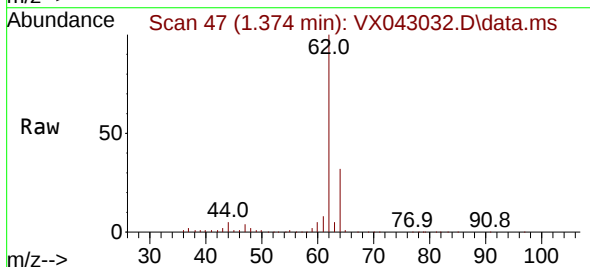
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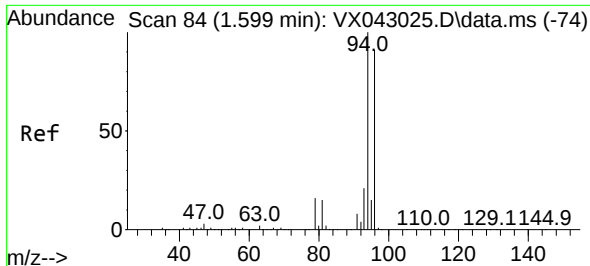
Reviewed By :John Carlone 08/15/2024
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#4
Vinyl Chloride
Concen: 19.501 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

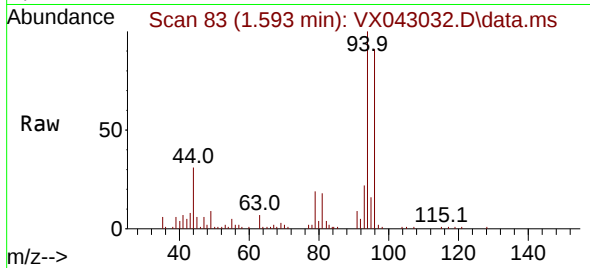
Tgt Ion: 62 Resp: 37558
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 20.859 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

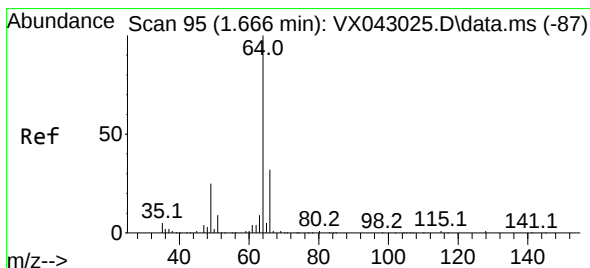
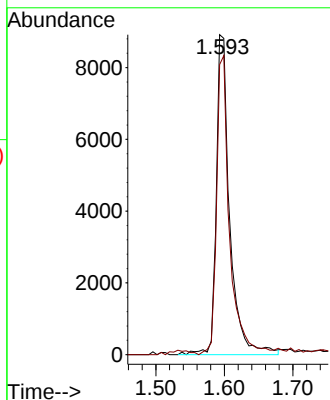
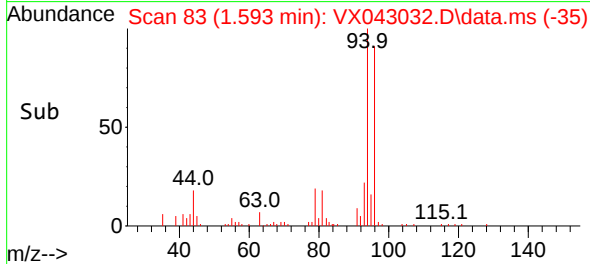
Instrument :
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Tgt Ion: 94 Resp: 1217
Ion Ratio Lower Upper
94 100
96 89.3 74.6 111.8

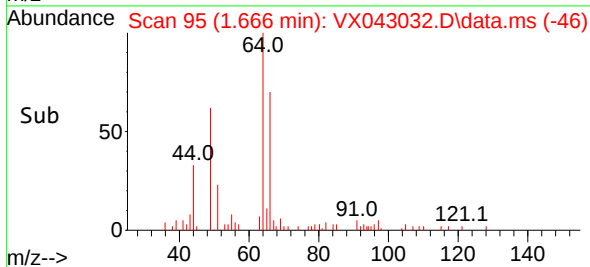
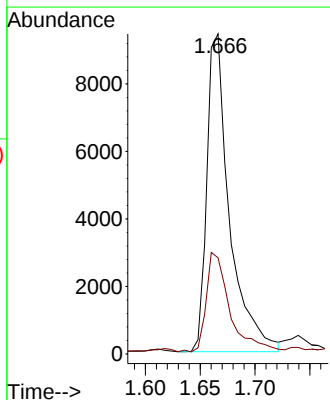
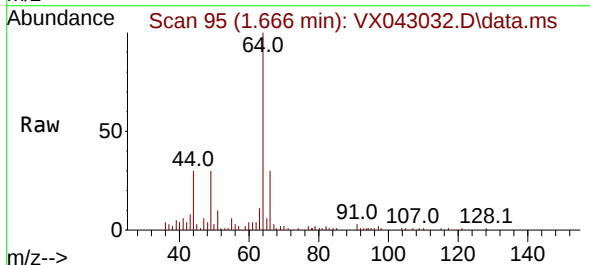
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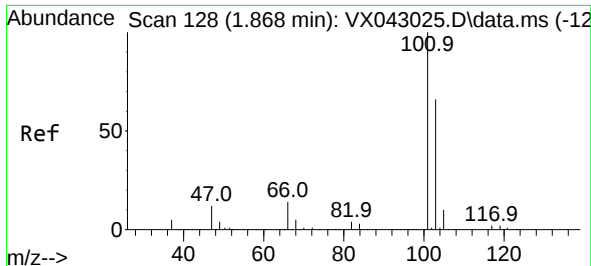
Reviewed By :John Carlone 08/15/2024
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#6
Chloroethane
Concen: 22.271 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX043032.D
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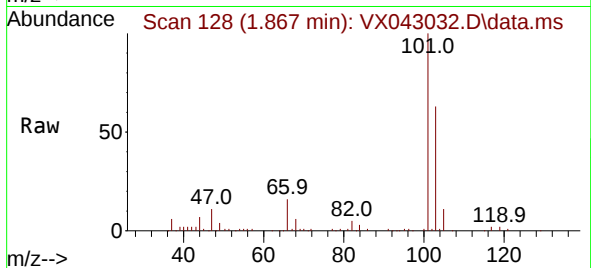
Tgt Ion: 64 Resp: 13519
Ion Ratio Lower Upper
64 100
66 29.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 21.624 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043032.D
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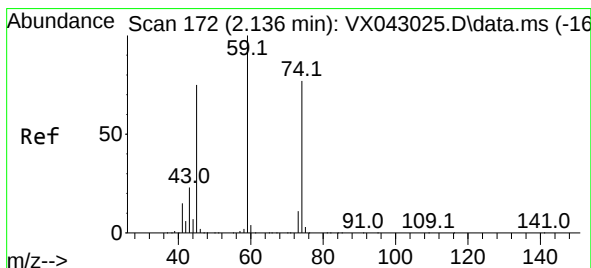
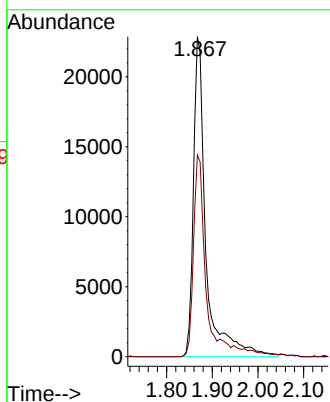
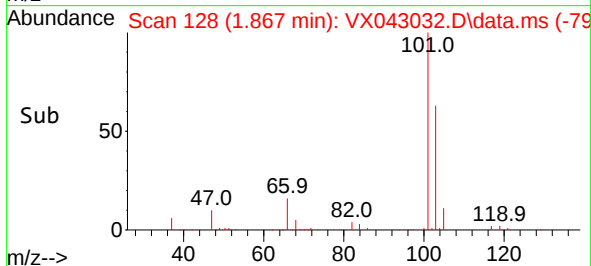
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion:101 Resp: 4354
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

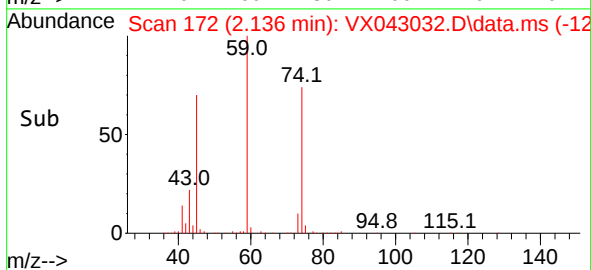
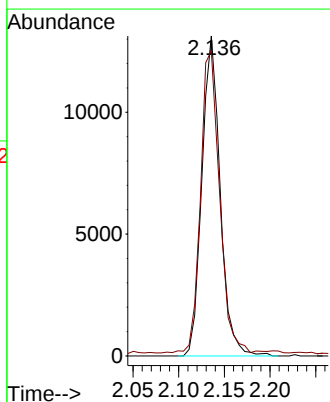
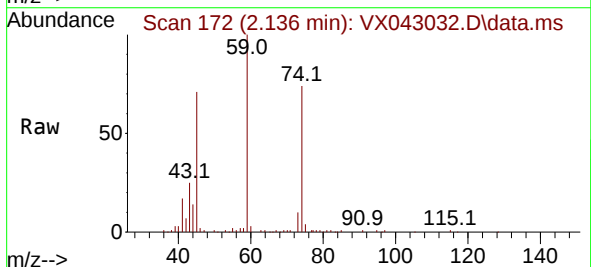
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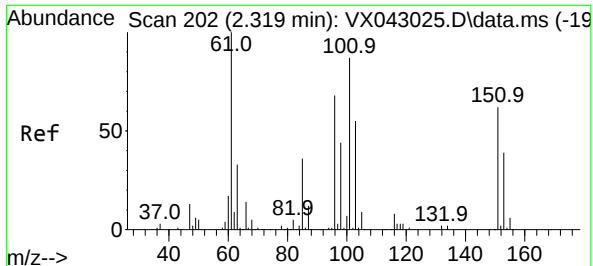
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#8
Diethyl Ether
Concen: 19.565 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043032.D
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Tgt Ion: 74 Resp: 18226
Ion Ratio Lower Upper
74 100
45 98.0 53.3 159.8





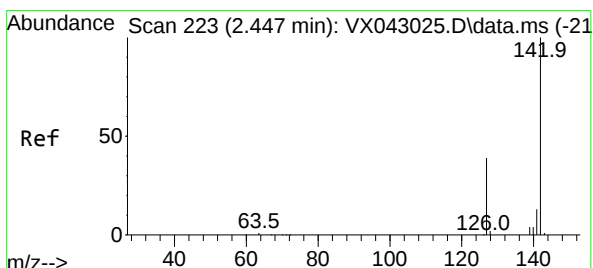
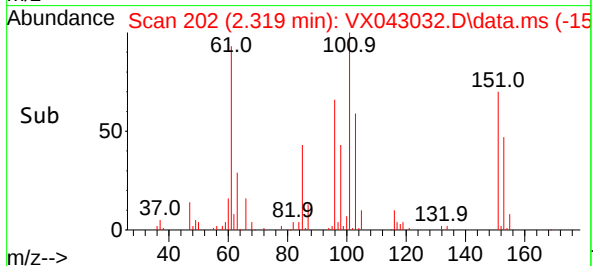
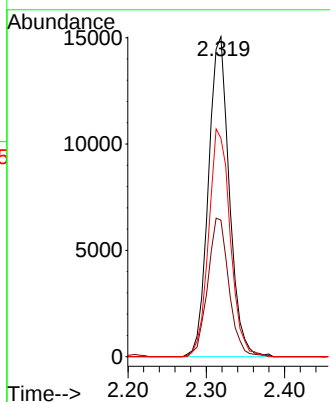
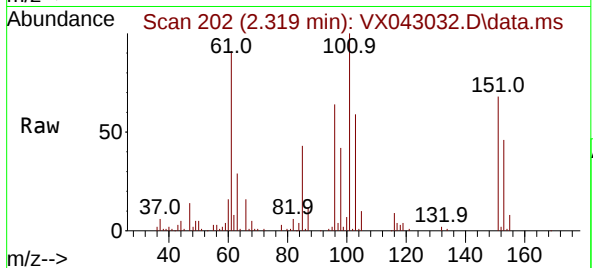
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.376 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tgt Ion:101 Resp: 27904
Ion Ratio Lower Upper
101 100
85 43.9 37.0 55.6
151 73.4 58.6 87.8

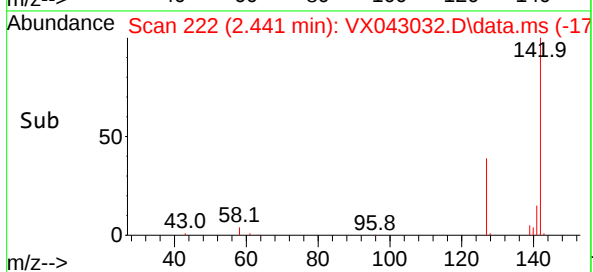
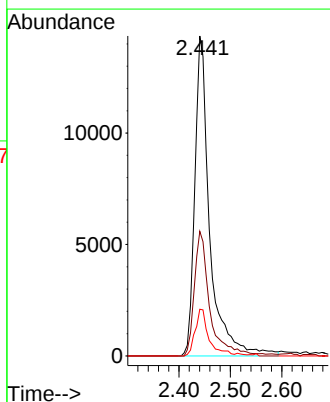
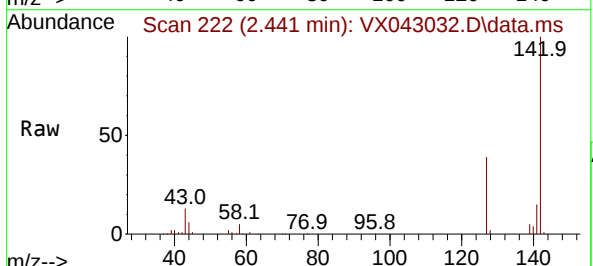
Manual Integrations
APPROVED

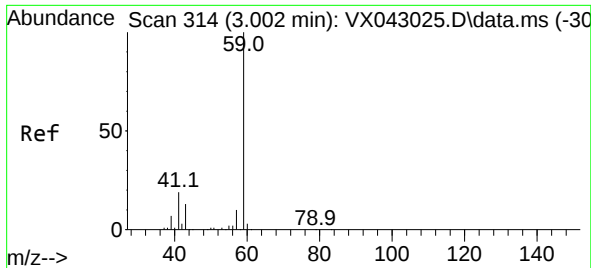
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#10
Methyl Iodide
Concen: 18.060 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion:142 Resp: 29096
Ion Ratio Lower Upper
142 100
127 40.3 41.6 62.4#
141 13.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 97.079 ug/l m

RT: 2.995 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion: 59 Resp: 4216

Ion Ratio Lower Upper

59 100

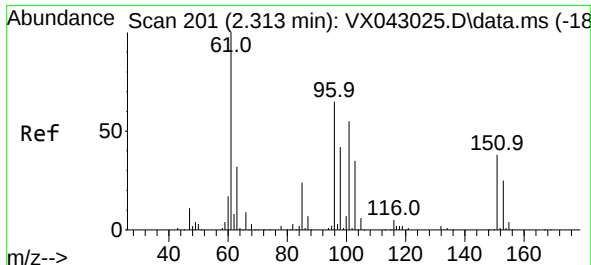
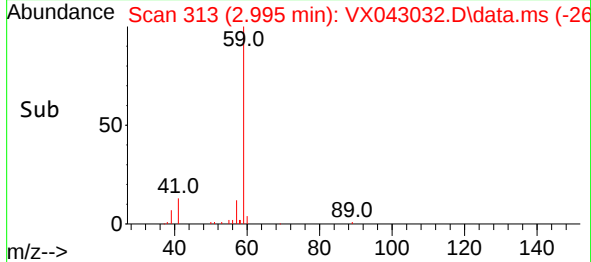
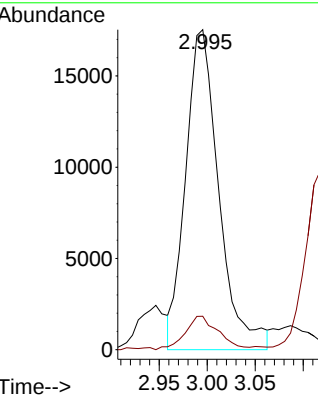
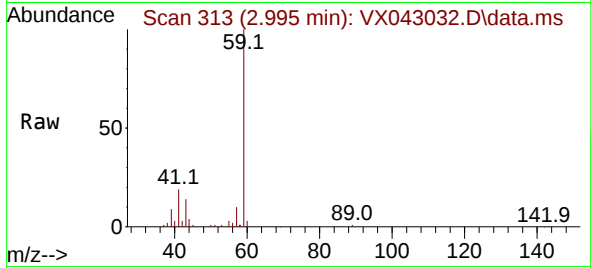
57 10.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#12

1,1-Dichloroethene

Concen: 18.976 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

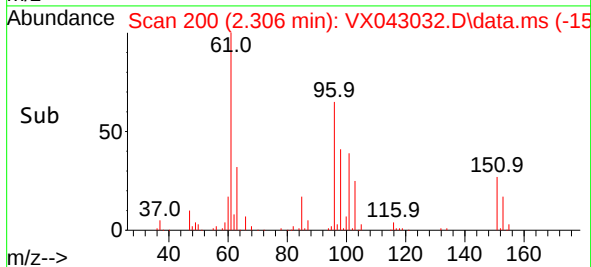
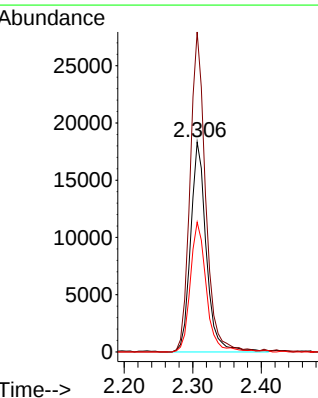
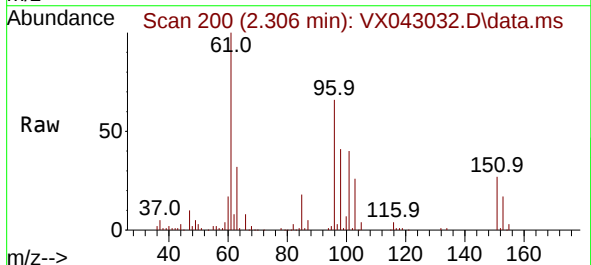
Tgt Ion: 96 Resp: 29325

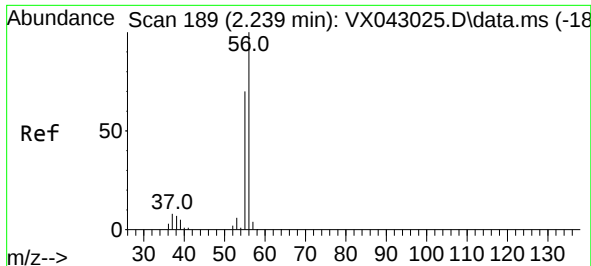
Ion Ratio Lower Upper

96 100

61 152.4 144.6 216.8

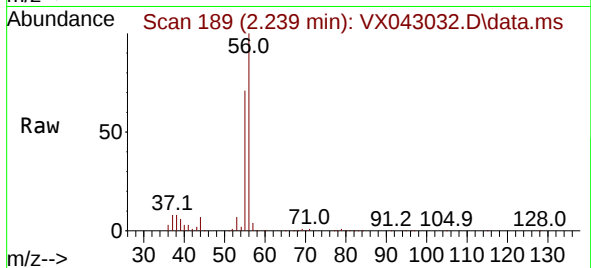
98 61.8 50.4 75.6





#13
Acrolein
Concen: 89.960 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

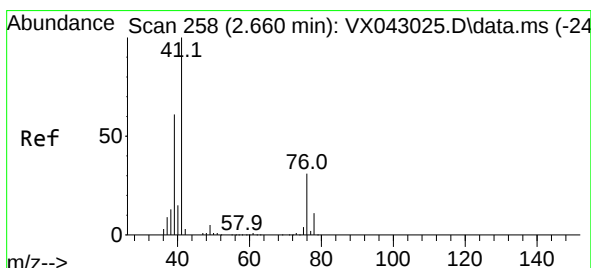
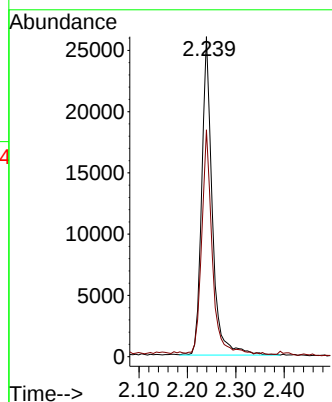
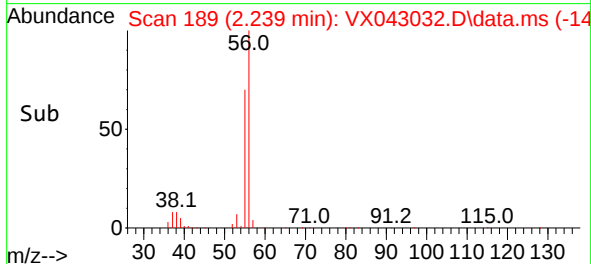
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion: 56 Resp: 39504
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

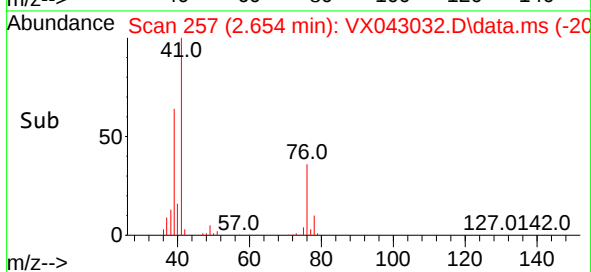
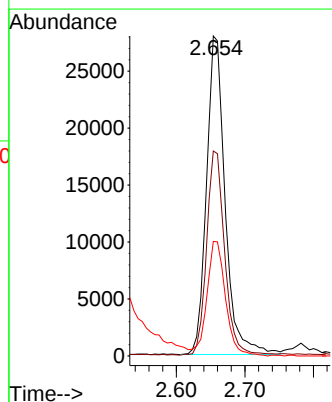
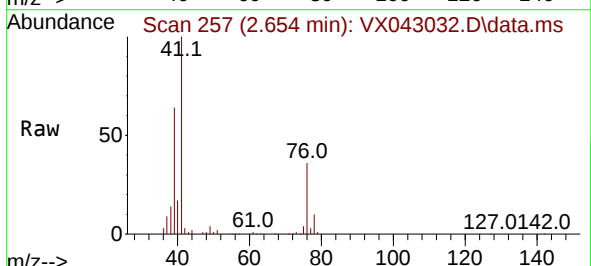
Manual Integrations
APPROVED

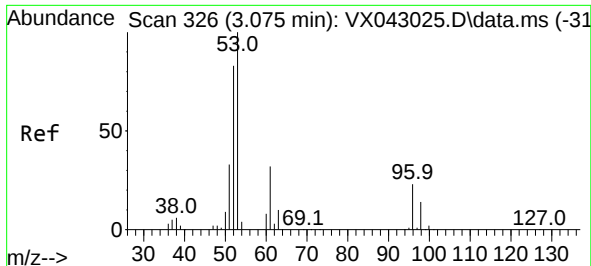
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#14
Allyl chloride
Concen: 18.301 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion: 41 Resp: 53009
Ion Ratio Lower Upper
41 100
39 62.0 55.8 83.6
76 36.1 24.3 36.5





#15

Acrylonitrile

Concen: 94.761 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

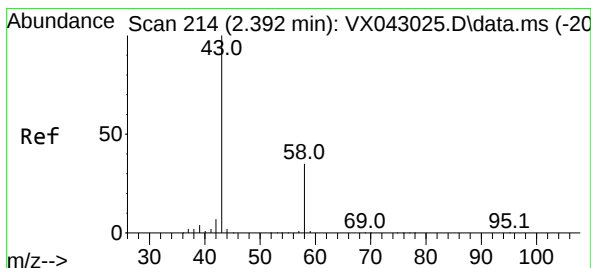
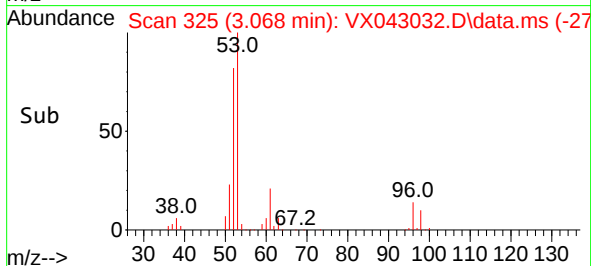
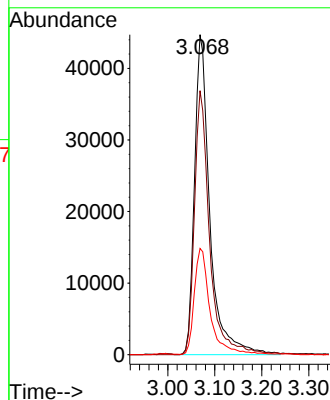
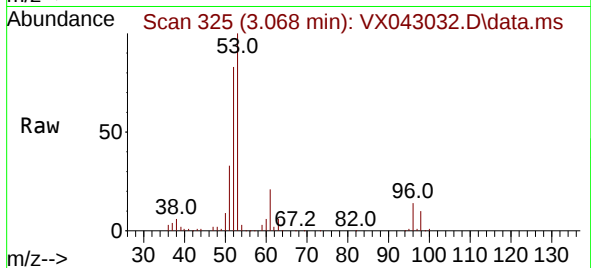
Tgt Ion:	53	Resp:	101950
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.0	99.0
51	33.8	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#16

Acetone

Concen: 100.751 ug/l

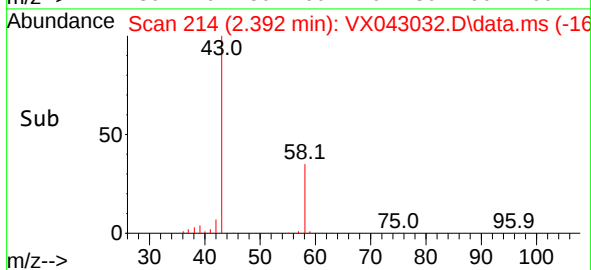
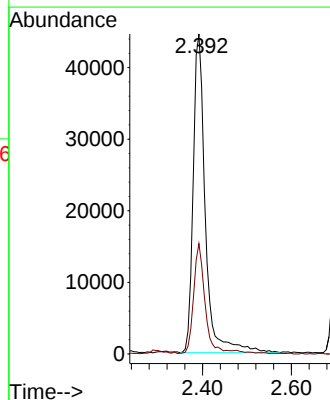
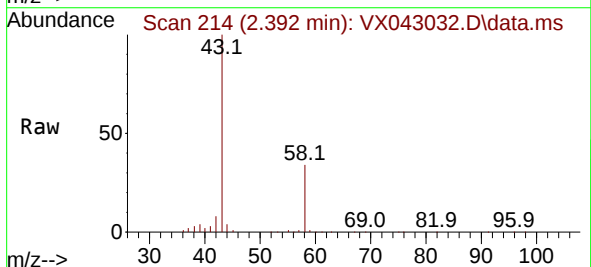
RT: 2.392 min Scan# 214

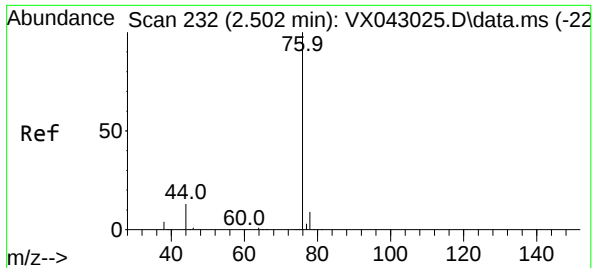
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:	43	Resp:	84128
Ion	Ratio	Lower	Upper
43	100		
58	34.4	21.9	32.9





#17

Carbon Disulfide

Concen: 18.659 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion: 76 Resp: 82692

Ion Ratio Lower Upper

76 100

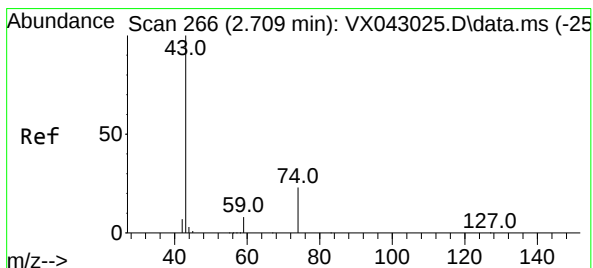
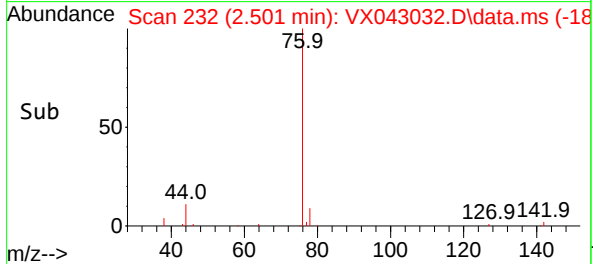
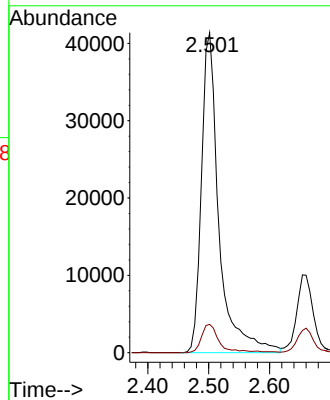
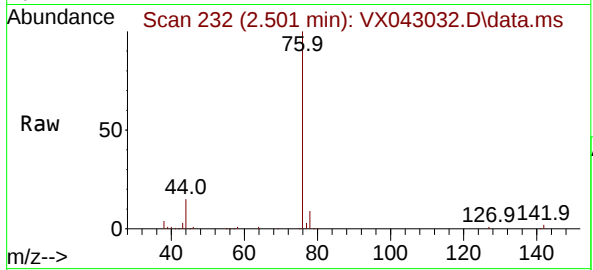
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#18

Methyl Acetate

Concen: 18.978 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX043032.D

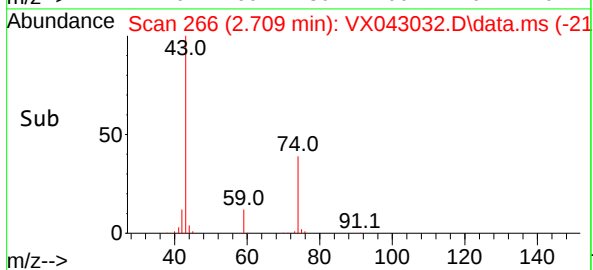
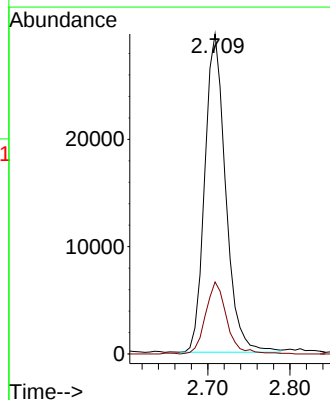
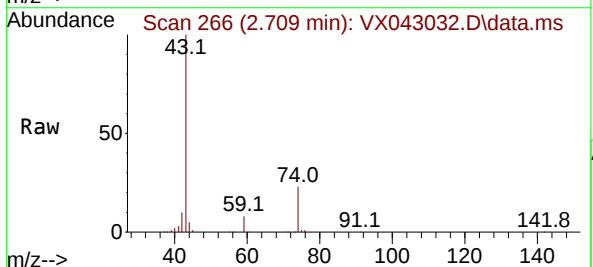
Acq: 14 Aug 2024 15:29

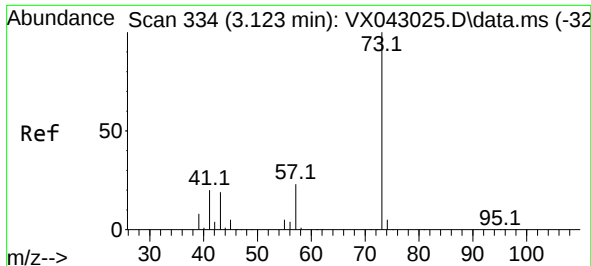
Tgt Ion: 43 Resp: 52367

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 18.688 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion: 73 Resp: 9733

Ion Ratio Lower Upper

73 100

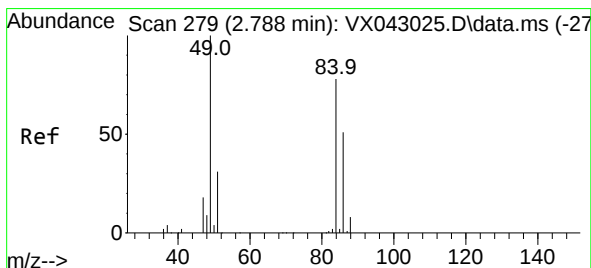
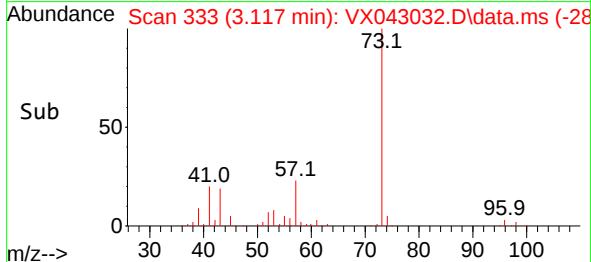
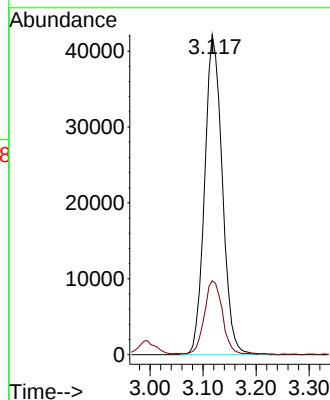
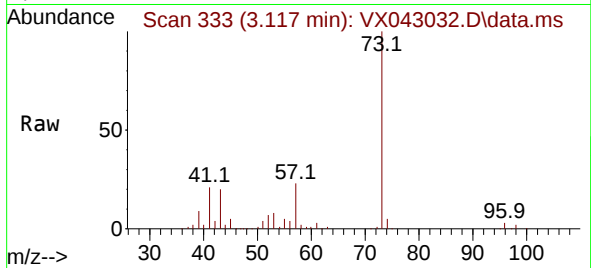
57 23.0 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#20

Methylene Chloride

Concen: 17.664 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion: 84 Resp: 34108

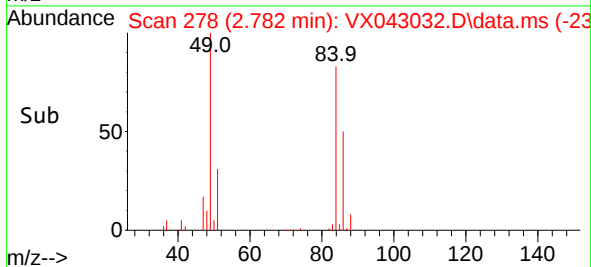
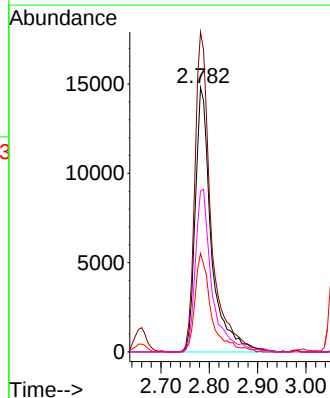
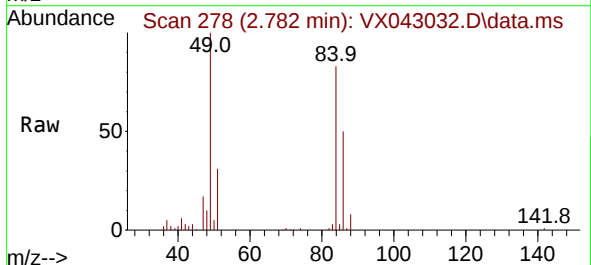
Ion Ratio Lower Upper

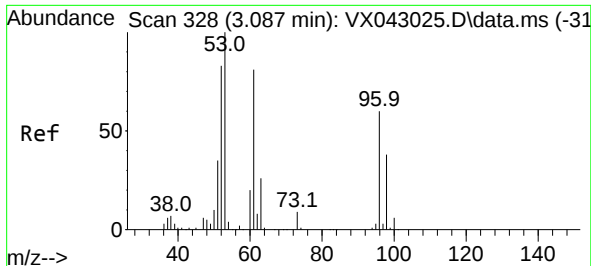
84 100

49 121.0 103.6 155.4

51 37.3 33.8 50.6

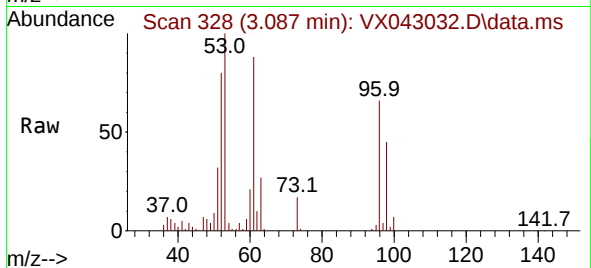
86 60.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.447 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

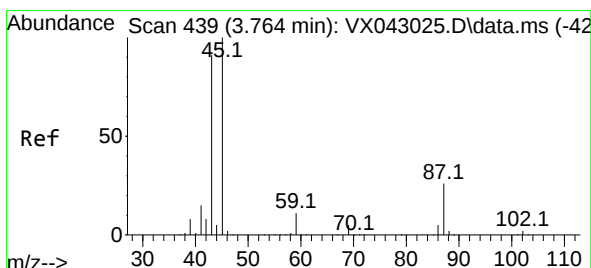
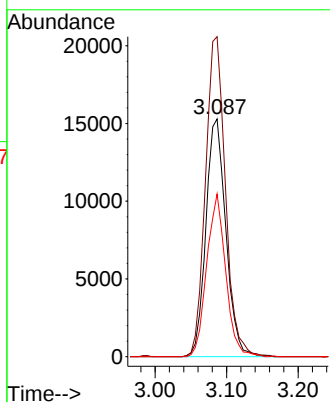
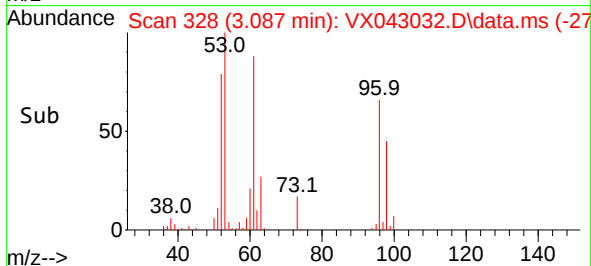
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion: 96 Resp: 29730
Ion Ratio Lower Upper
96 100
61 134.6 119.2 178.8
98 68.4 48.7 73.1

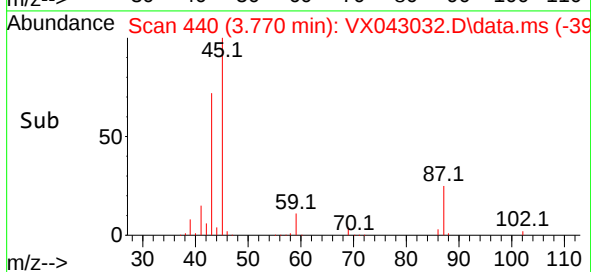
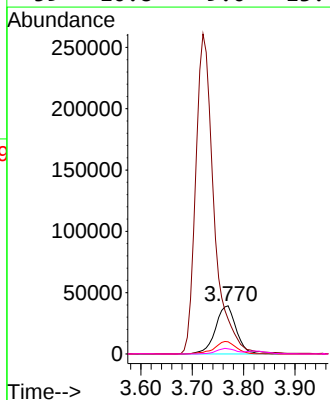
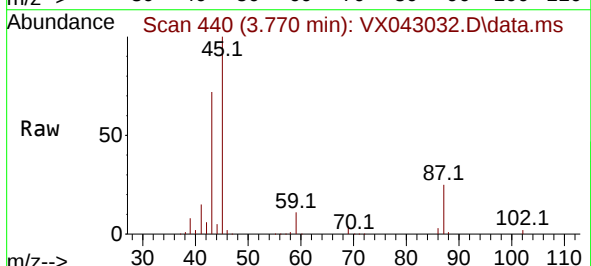
Manual Integrations
APPROVED

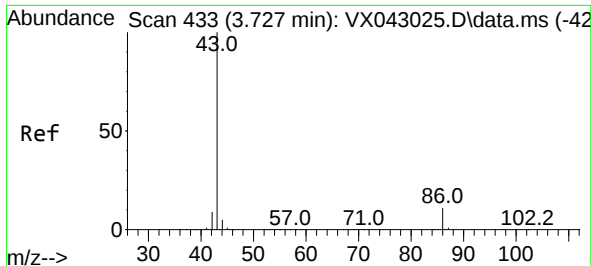
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#22
Diisopropyl ether
Concen: 18.573 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

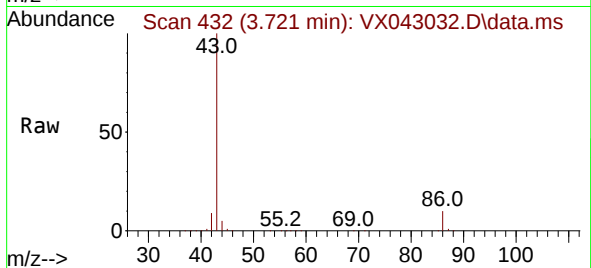
Tgt Ion: 45 Resp: 109855
Ion Ratio Lower Upper
45 100
43 71.9 69.7 104.5
87 25.3 20.8 31.2
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 94.003 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX043032.D
 Acq: 14 Aug 2024 15:29

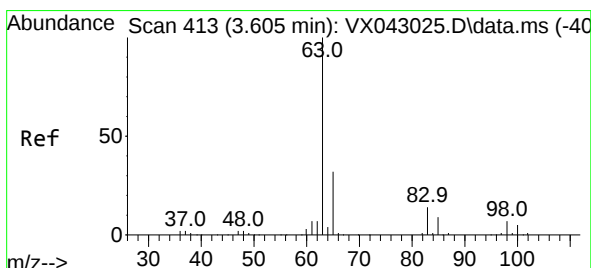
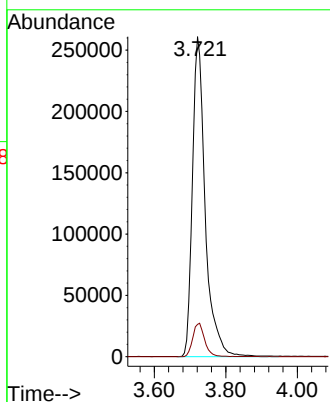
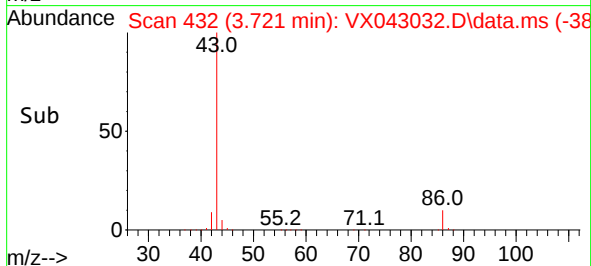
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01



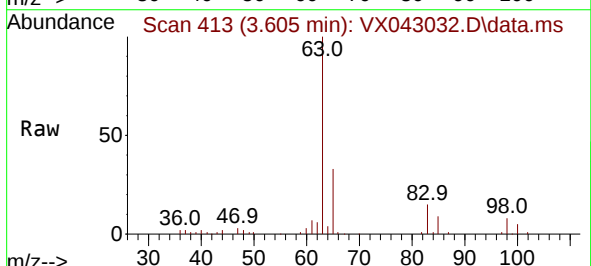
Tgt Ion: 43 Resp: 64817
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
 APPROVED

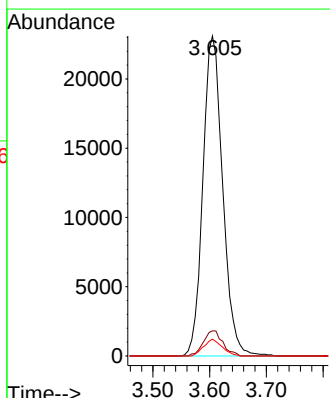
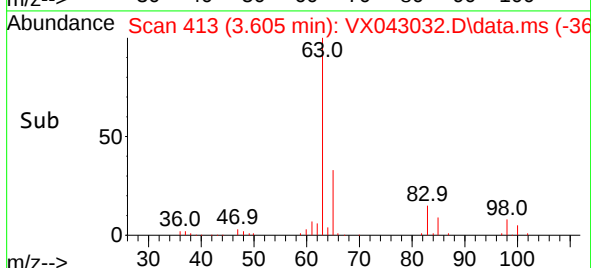
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

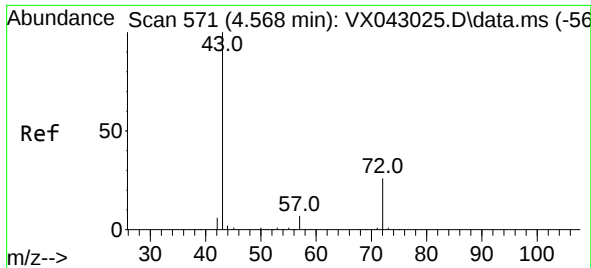


#24
 1,1-Dichloroethane
 Concen: 18.779 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043032.D
 Acq: 14 Aug 2024 15:29



Tgt Ion: 63 Resp: 56018
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 5.2 2.1 6.5





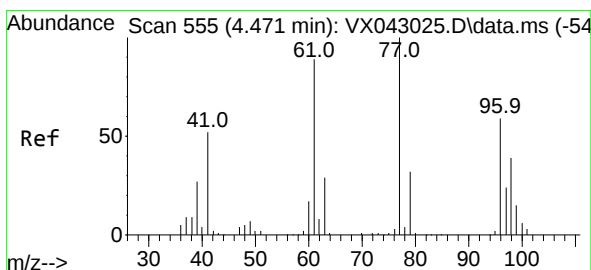
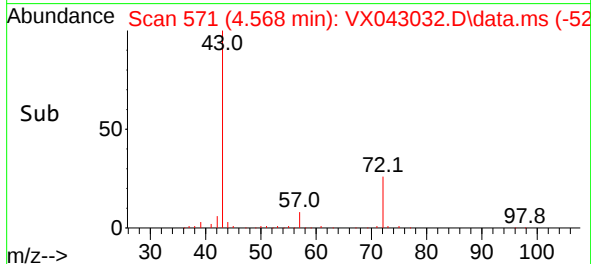
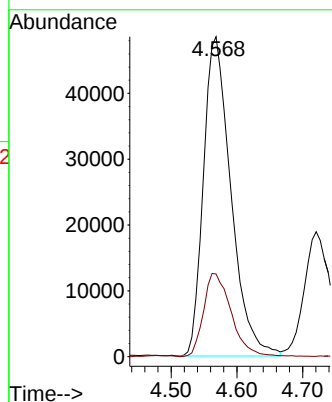
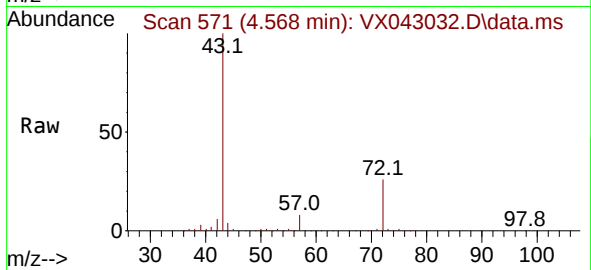
#25
2-Butanone
Concen: 96.227 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tgt Ion: 43 Resp: 14085
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2

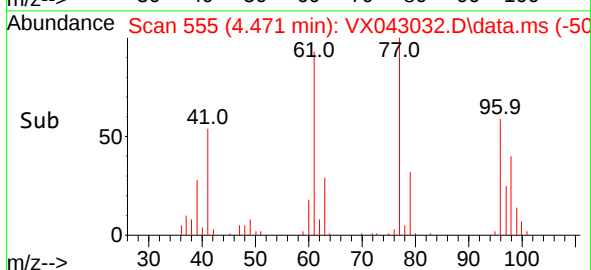
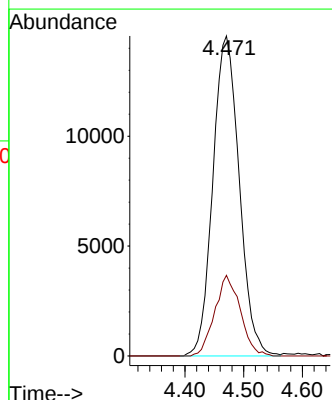
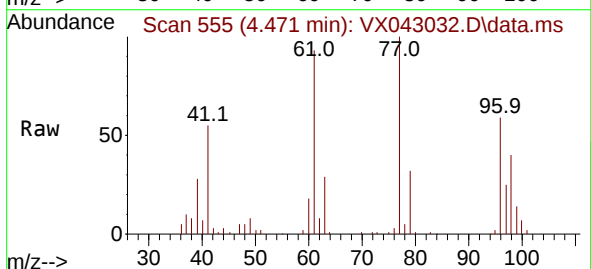
Manual Integrations
APPROVED

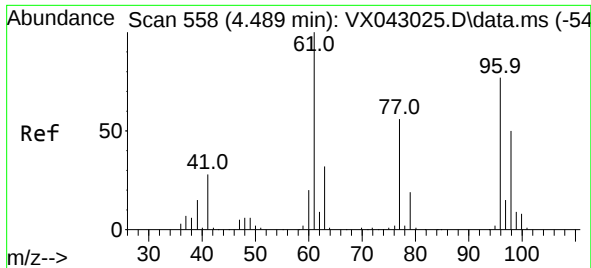
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#26
2,2-Dichloropropane
Concen: 19.114 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

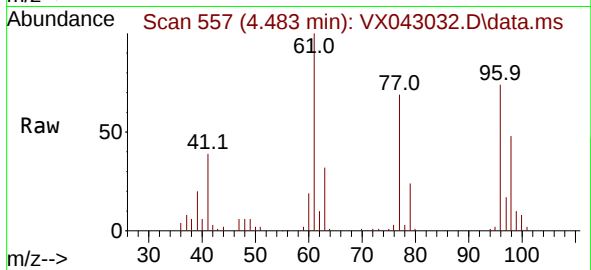
Tgt Ion: 77 Resp: 45423
Ion Ratio Lower Upper
77 100
97 24.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 18.370 ug/l
RT: 4.483 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

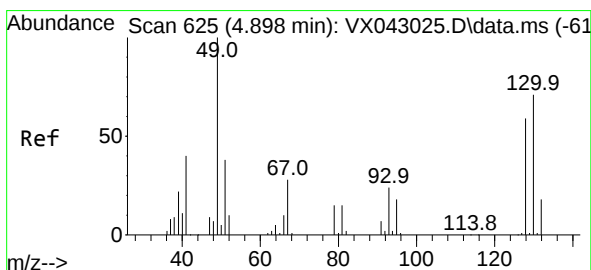
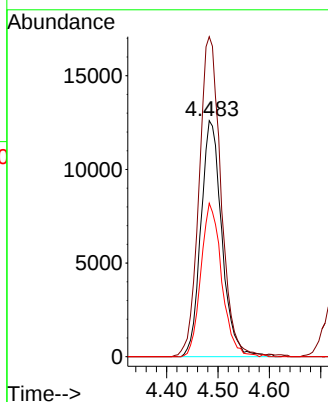
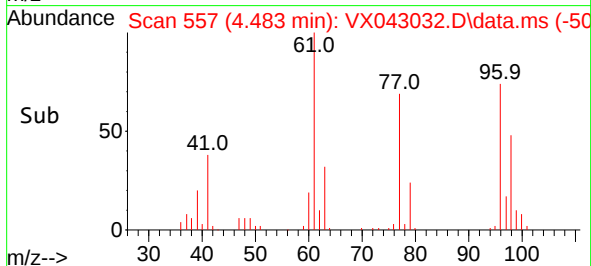
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



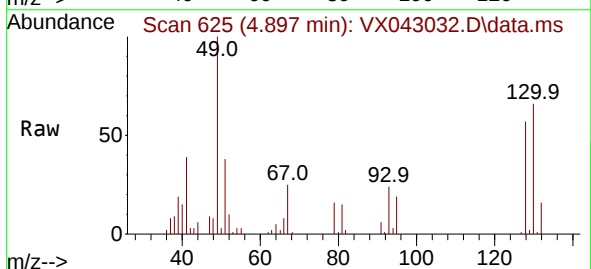
Tgt Ion: 96 Resp: 3573
Ion Ratio Lower Upper
96 100
61 141.3 0.0 312.2
98 64.3 0.0 129.0

Manual Integrations
APPROVED

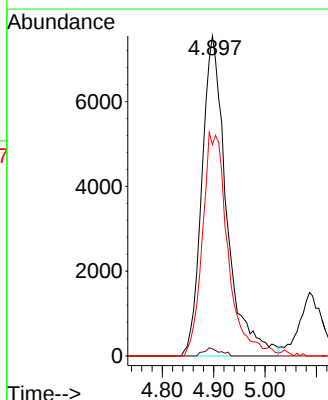
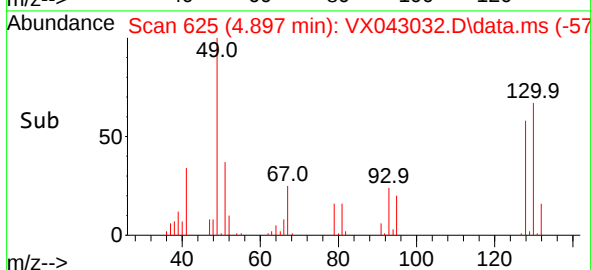
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

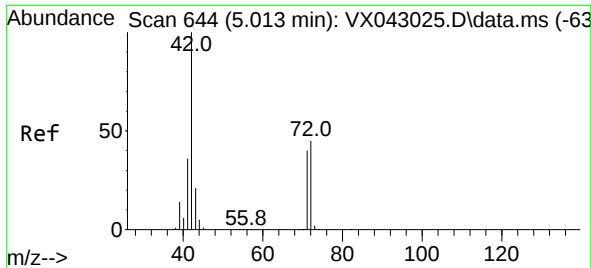


#28
Bromochloromethane
Concen: 18.636 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29



Tgt Ion: 49 Resp: 25150
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 72.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 93.933 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

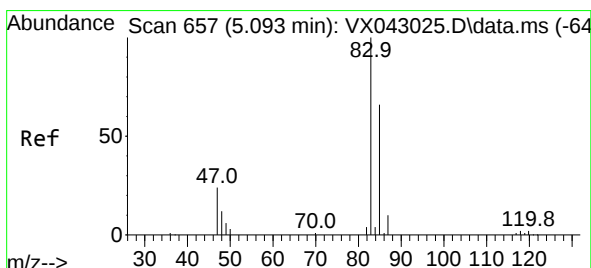
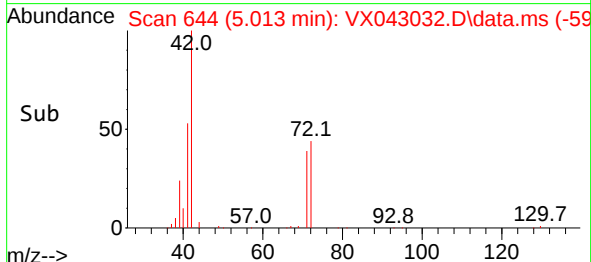
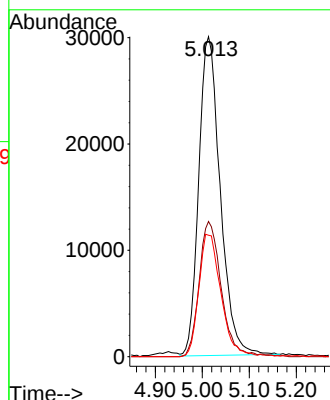
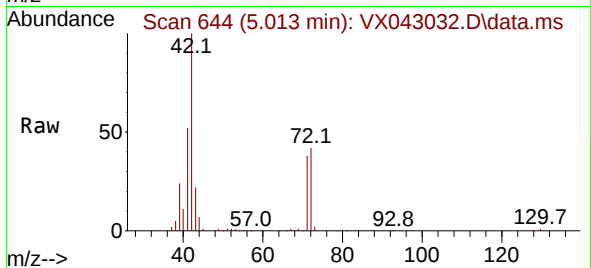
Tgt Ion:	42	Resp:	95298
Ion Ratio	Lower	Upper	
42	100		
72	43.8	34.2	51.4
71	39.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#30

Chloroform

Concen: 18.348 ug/l

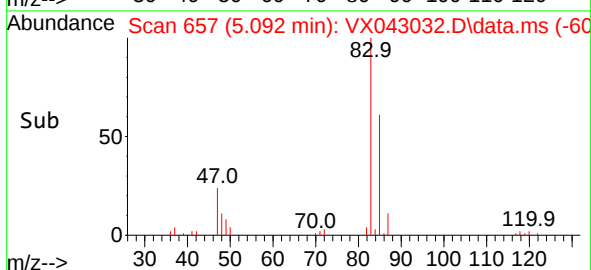
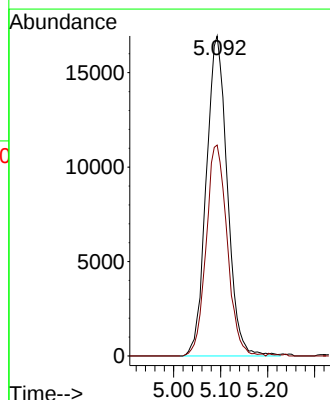
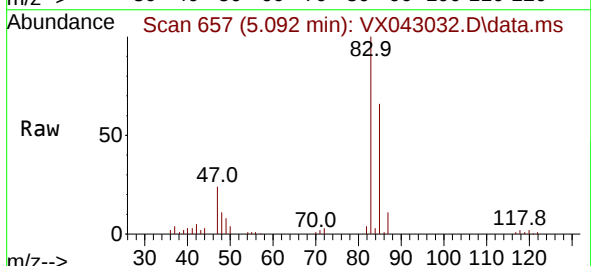
RT: 5.092 min Scan# 657

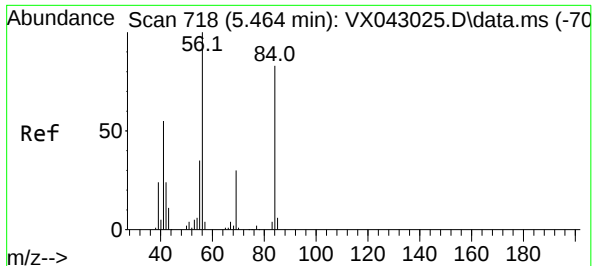
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

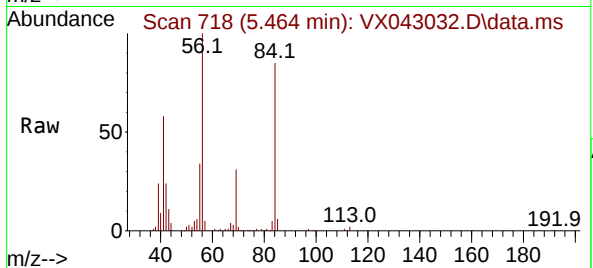
Tgt Ion:	83	Resp:	52578
Ion Ratio	Lower	Upper	
83	100		
85	65.9	50.3	75.5





#31
Cyclohexane
Concen: 18.572 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

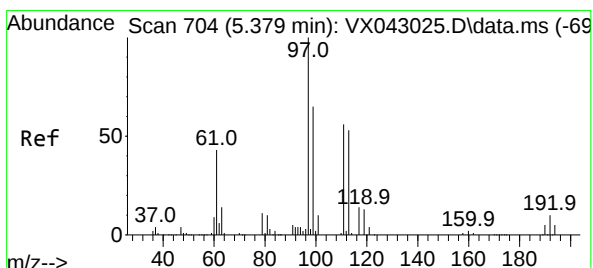
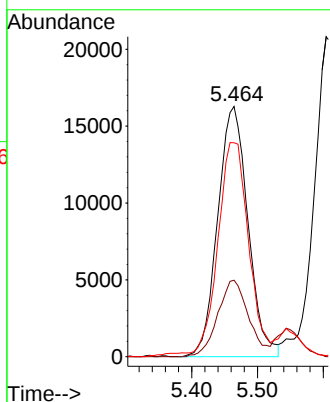
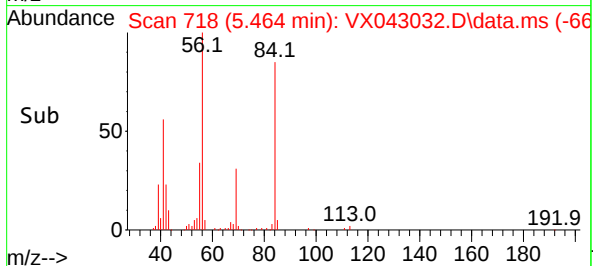
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion: 56 Resp: 5210
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 84.1 65.9 98.9

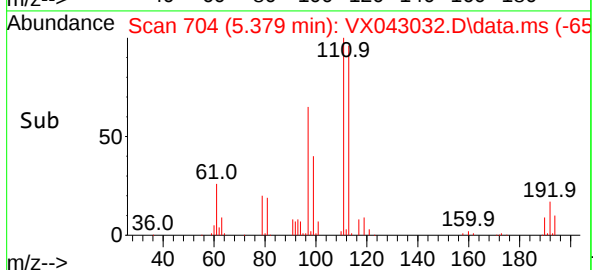
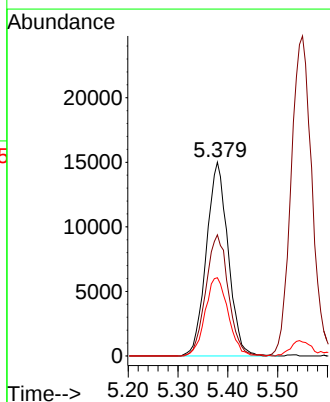
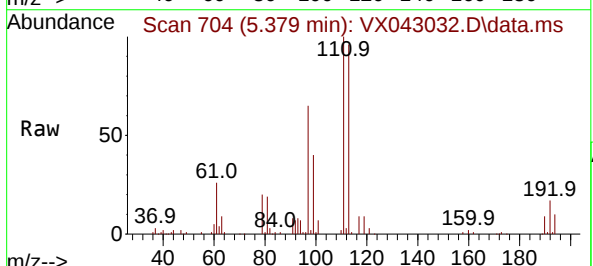
Manual Integrations
APPROVED

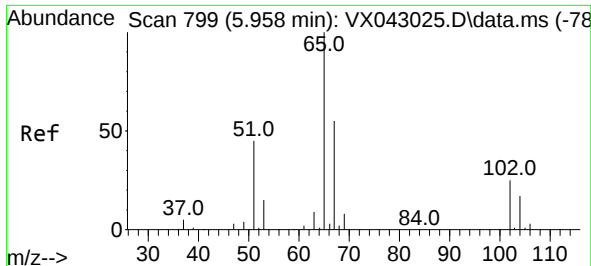
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 19.015 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion: 97 Resp: 45489
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 42.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.627 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion: 65 Resp: 8018

Ion Ratio Lower Upper

65 100

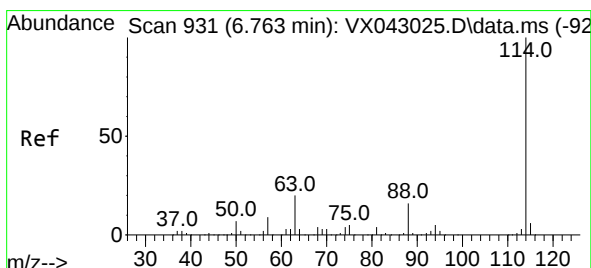
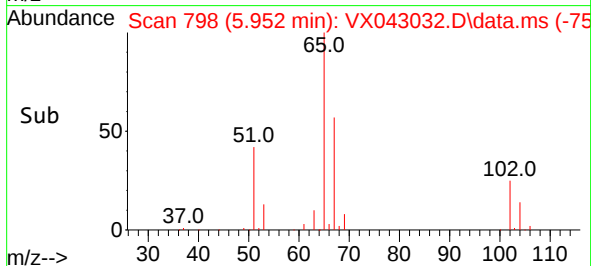
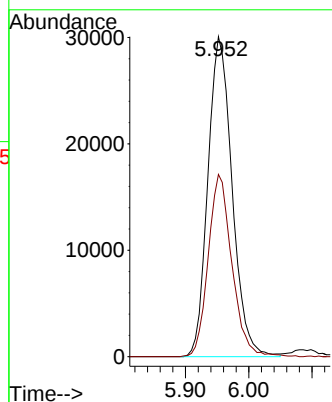
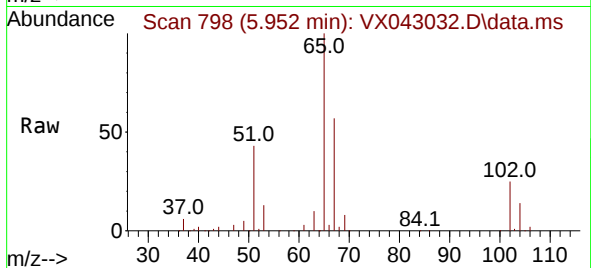
67 55.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

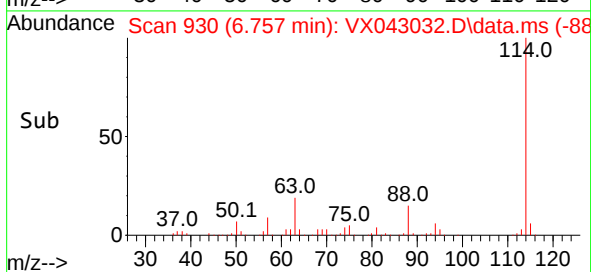
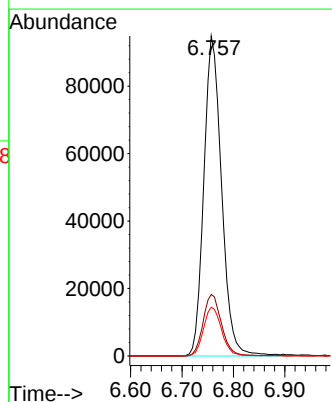
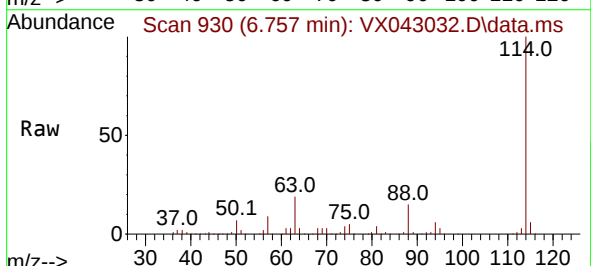
Tgt Ion:114 Resp: 227320

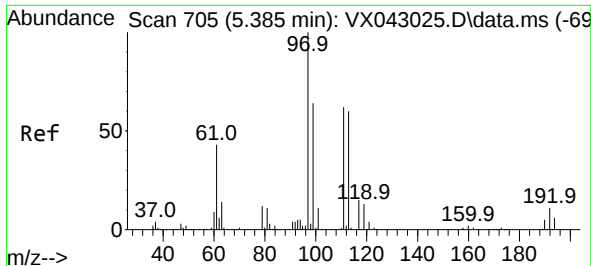
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.849 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

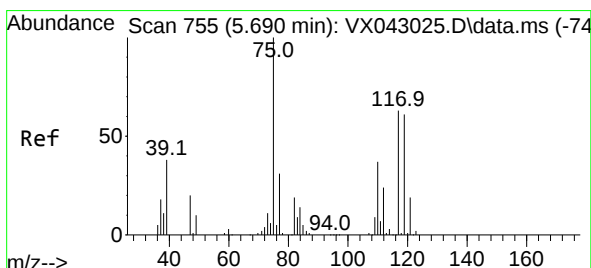
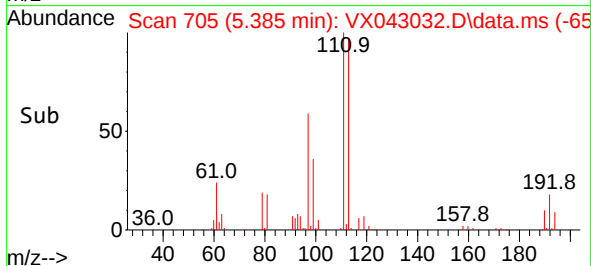
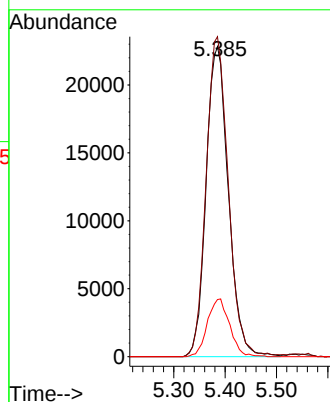
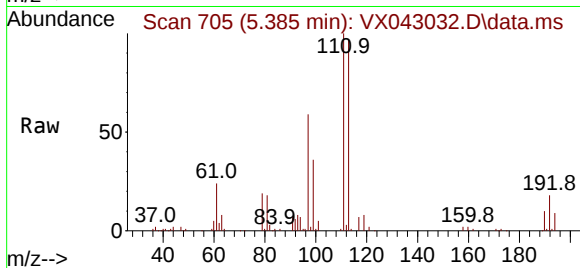
Tgt Ion:	113	Resp:	68690
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	18.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#36

1,1-Dichloropropene

Concen: 19.530 ug/l

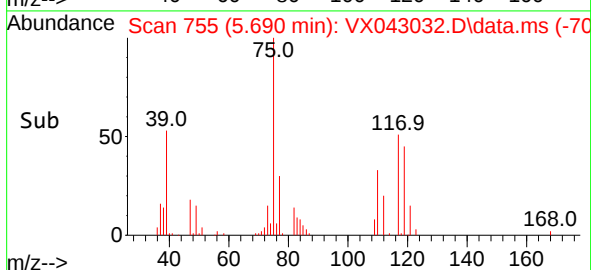
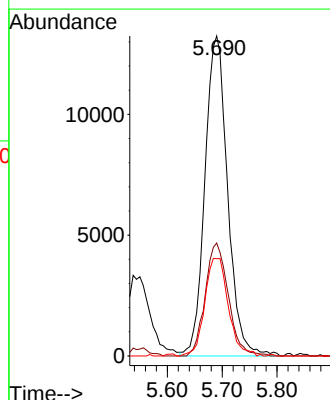
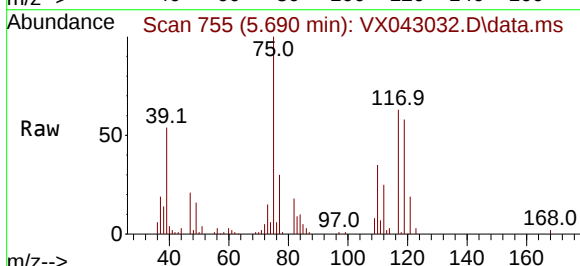
RT: 5.690 min Scan# 755

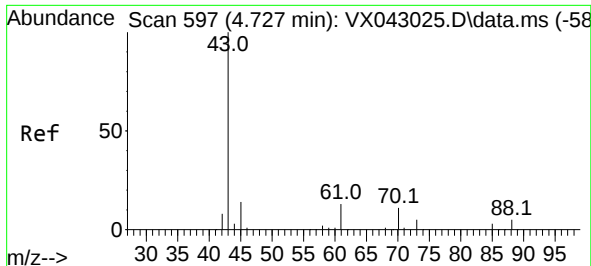
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:	75	Resp:	38155
Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.0	50.9
77	31.6	24.7	37.1





#37

Ethyl Acetate

Concen: 19.954 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

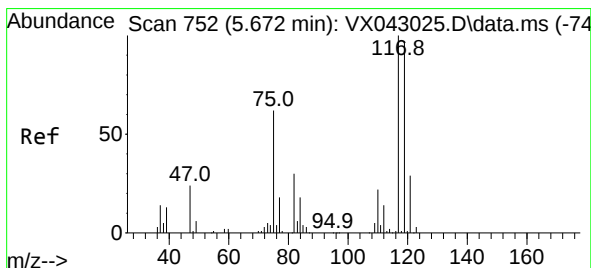
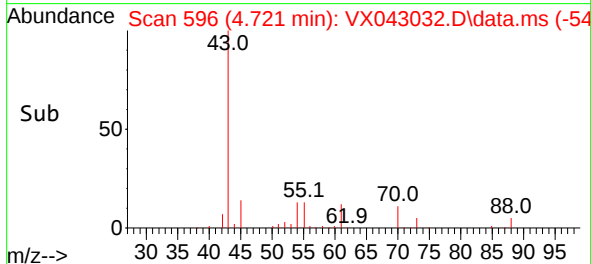
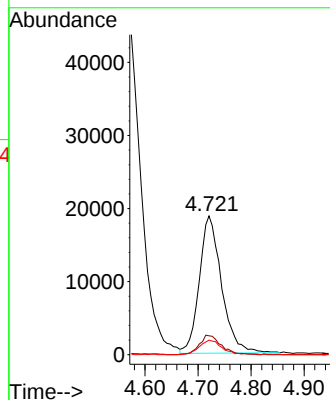
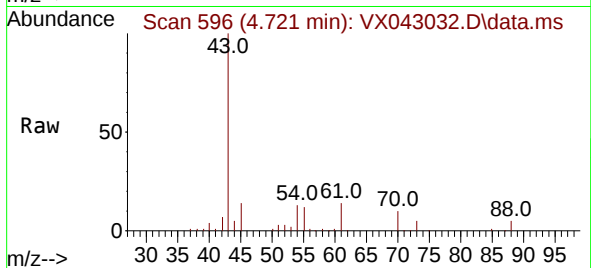
Tgt Ion: 43	Resp: 5491
Ion Ratio	Lower Upper
43 100	
61 13.9	10.6 16.0
70 10.7	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#38

Carbon Tetrachloride

Concen: 19.445 ug/l

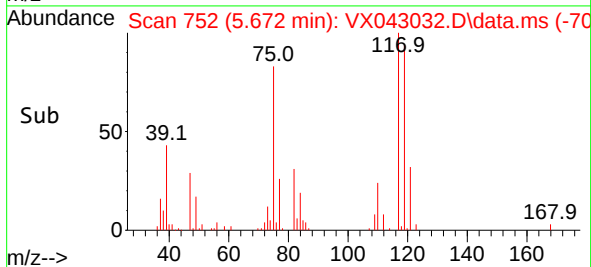
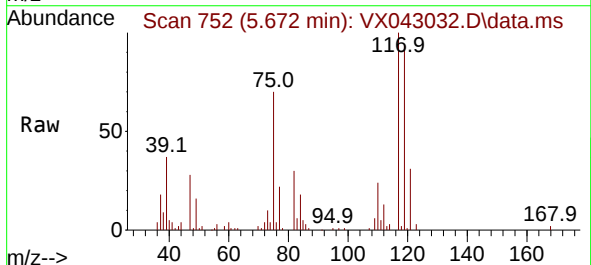
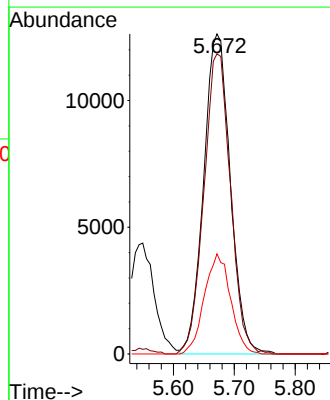
RT: 5.672 min Scan# 752

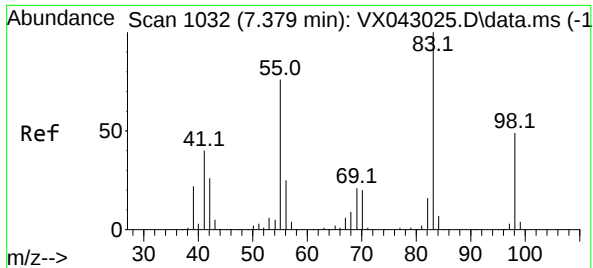
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:117	Resp: 38414
Ion Ratio	Lower Upper
117 100	
119 93.8	78.2 117.2
121 31.3	24.4 36.6





#39

Methylcyclohexane

Concen: 19.605 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion: 83 Resp: 53028

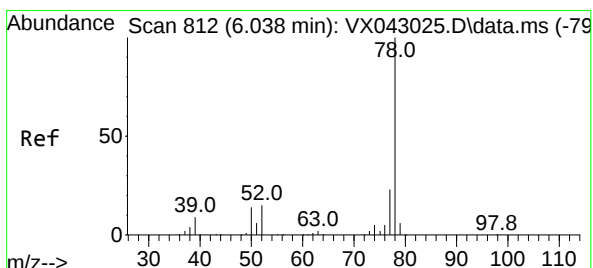
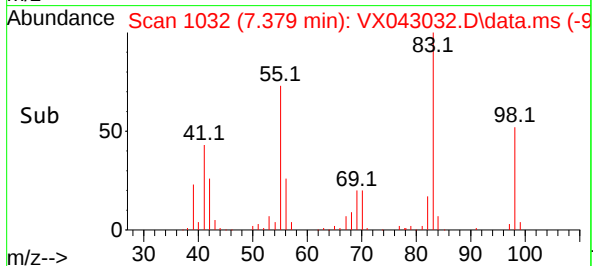
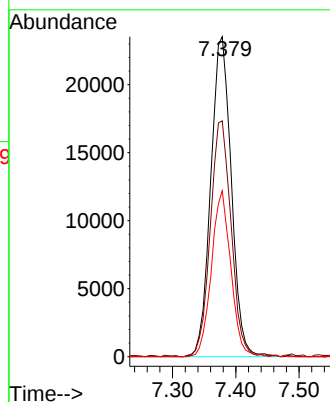
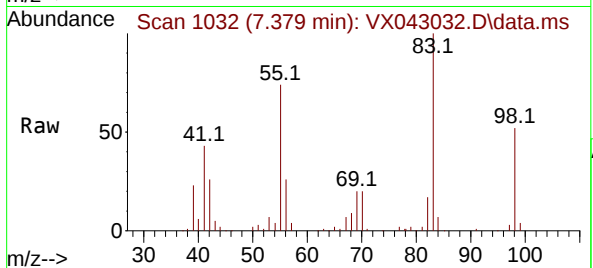
Ion	Ratio	Lower	Upper
83	100		
55	73.7	64.6	97.0
98	51.9	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#40

Benzene

Concen: 18.768 ug/l

RT: 6.031 min Scan# 811

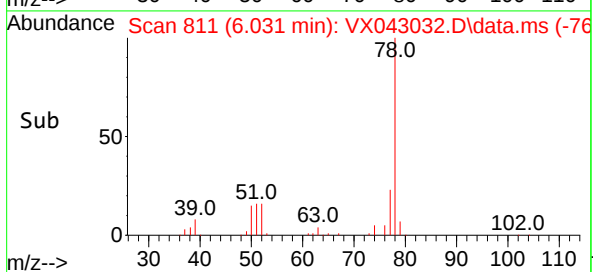
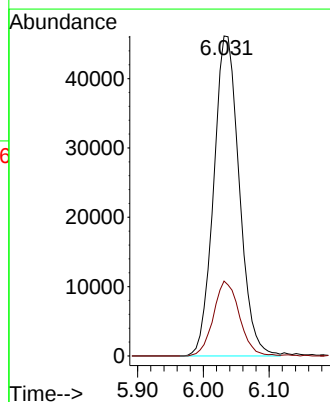
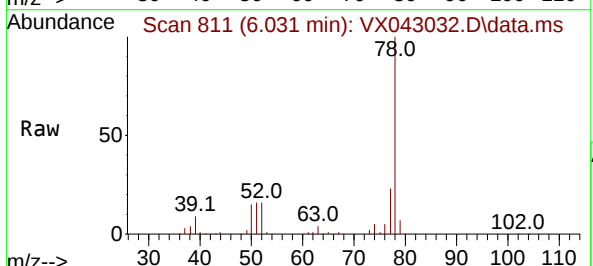
Delta R.T. -0.006 min

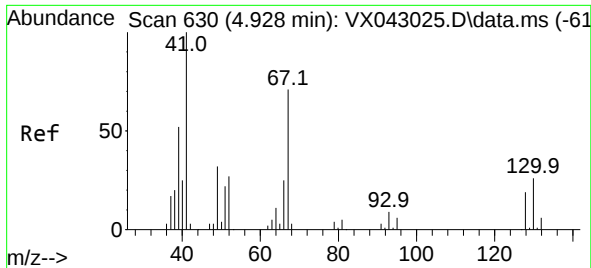
Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion: 78 Resp: 124919

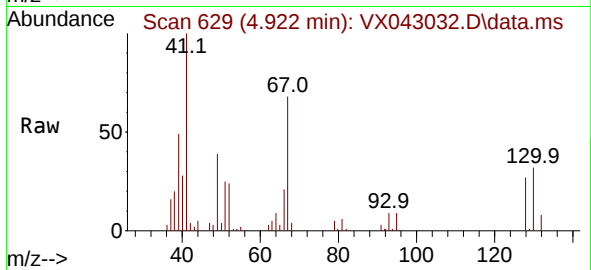
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





#41
Methacrylonitrile
Concen: 20.135 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

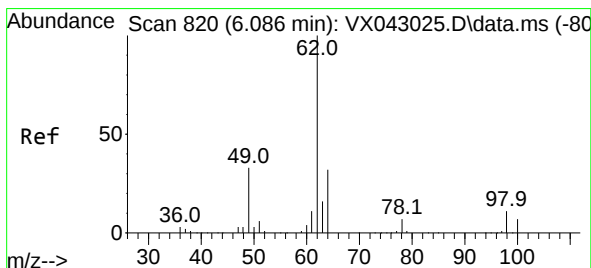
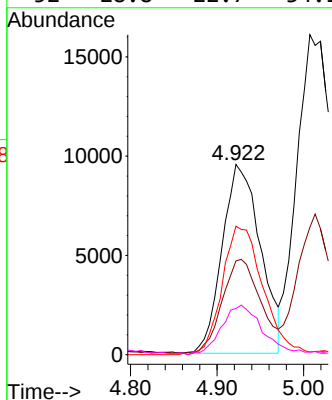
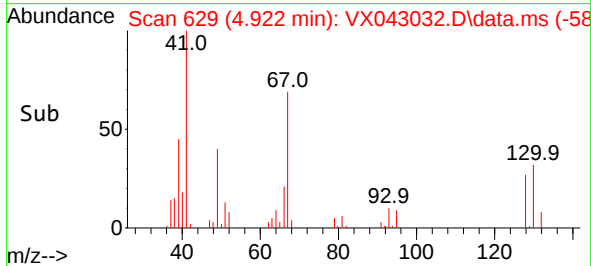
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion:	41	Resp:	2920
Ion Ratio	100	Lower	Upper
39	49.6	45.2	67.8
67	72.3	52.6	78.8
52	28.8	22.7	34.1

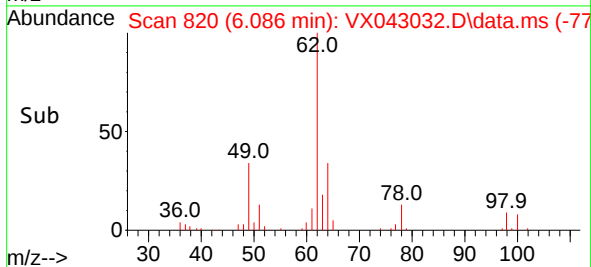
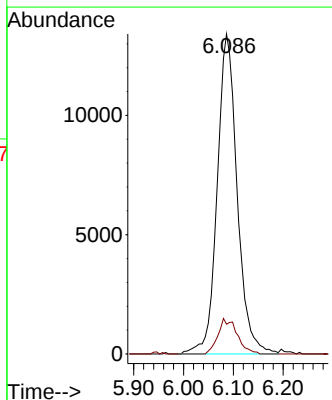
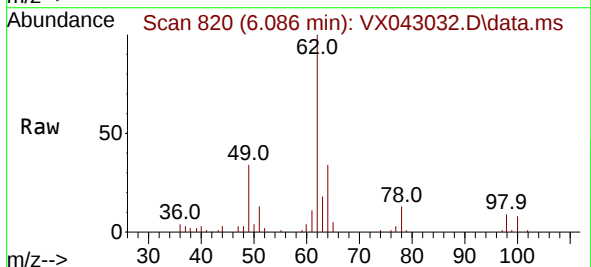
Manual Integrations
APPROVED

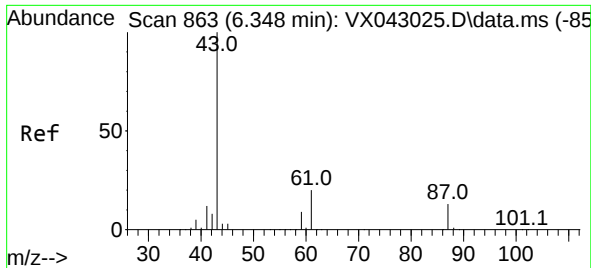
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#42
1,2-Dichloroethane
Concen: 19.309 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion:	62	Resp:	37382
Ion Ratio	100	Lower	Upper
98	10.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.172 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

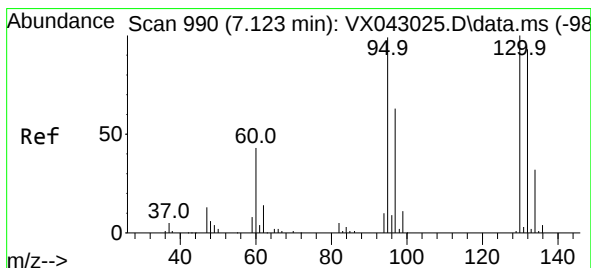
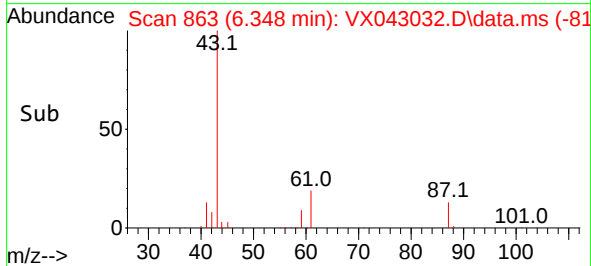
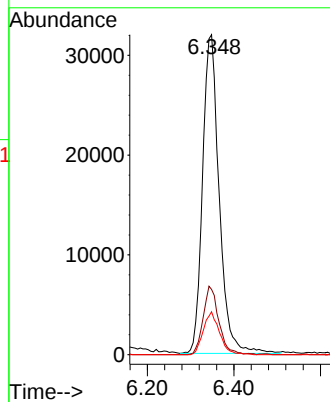
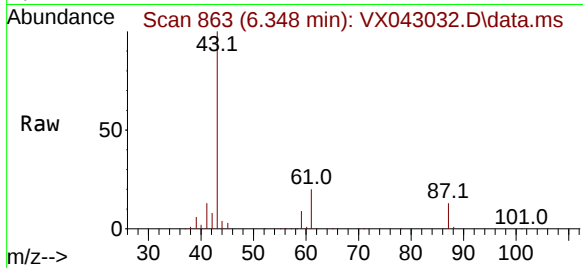
Tgt Ion:	43	Resp:	8513
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.2	22.8
87	13.1	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#44

Trichloroethene

Concen: 19.578 ug/l

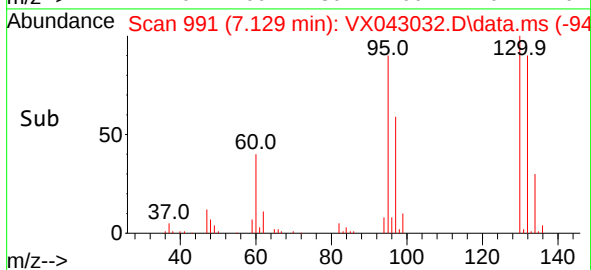
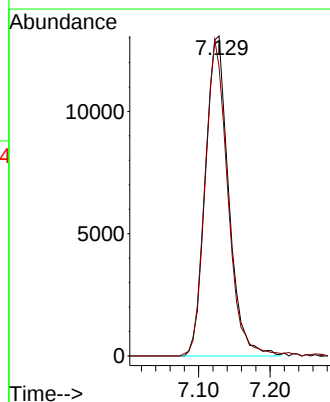
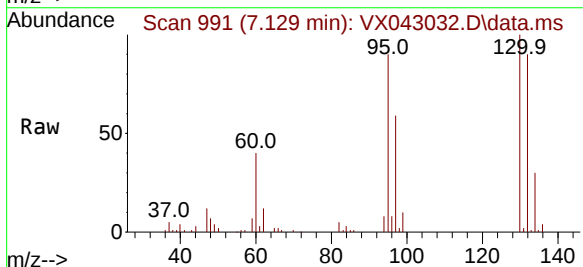
RT: 7.129 min Scan# 991

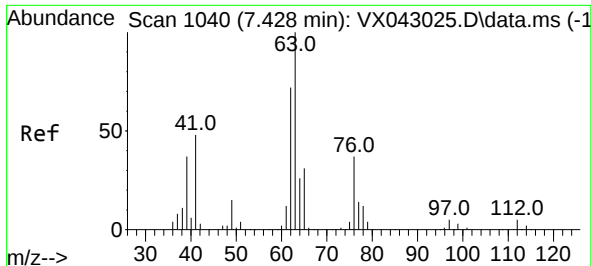
Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:	130	Resp:	29508
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	204.4





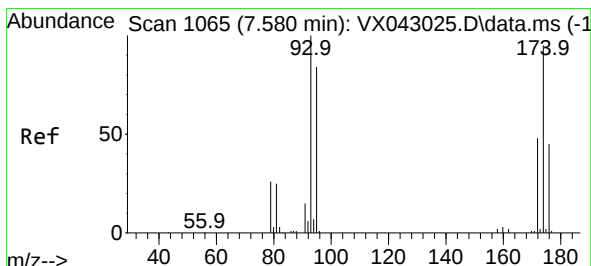
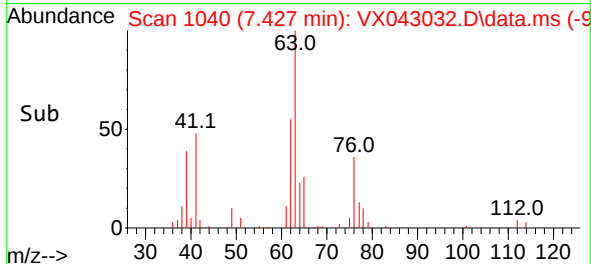
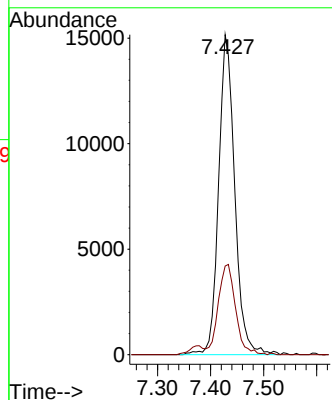
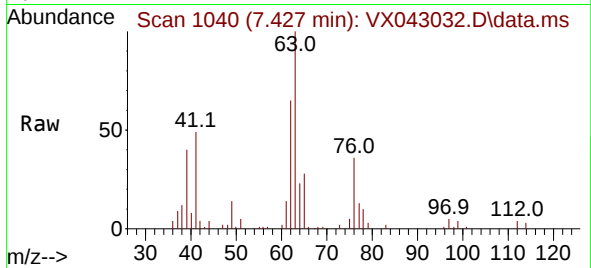
#45
1,2-Dichloropropane
Concen: 19.562 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tgt Ion: 63 Resp: 3204
Ion Ratio Lower Upper
63 100
65 27.7 24.3 36.5

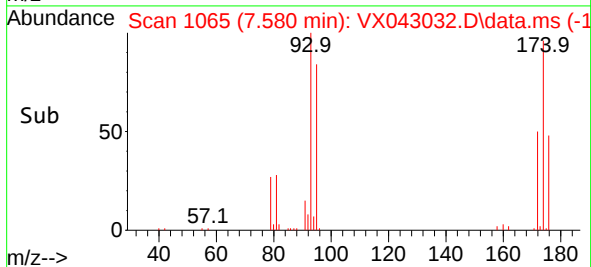
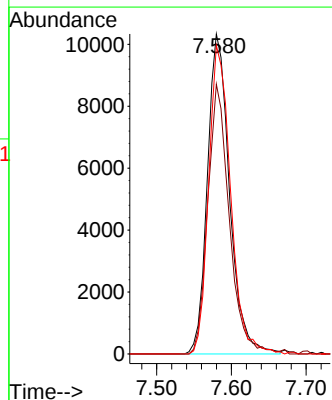
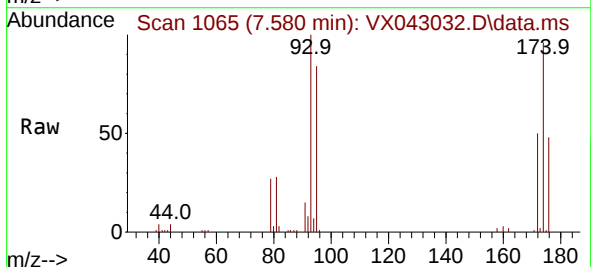
Manual Integrations
APPROVED

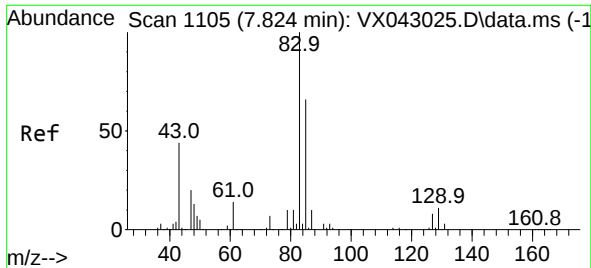
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#46
Dibromomethane
Concen: 19.015 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

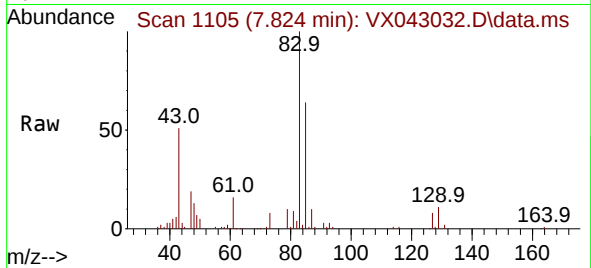
Tgt Ion: 93 Resp: 21296
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 95.3 69.4 104.0





#47
Bromodichloromethane
Concen: 19.021 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

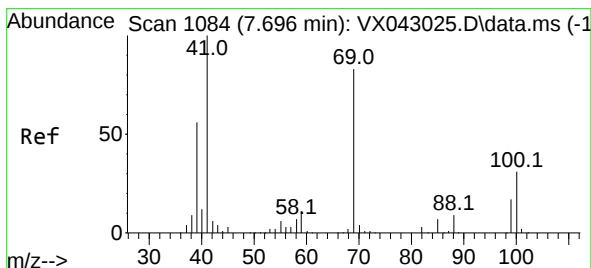
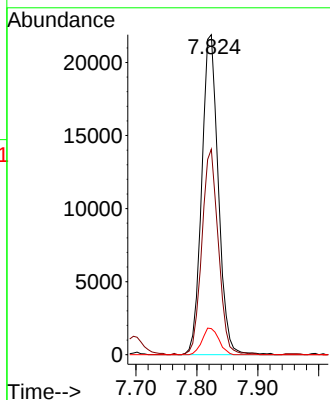
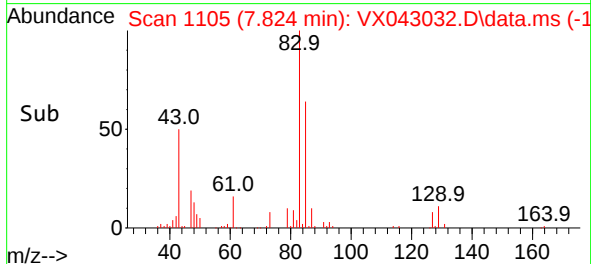
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion: 83 Resp: 41360
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.2 7.1 10.7

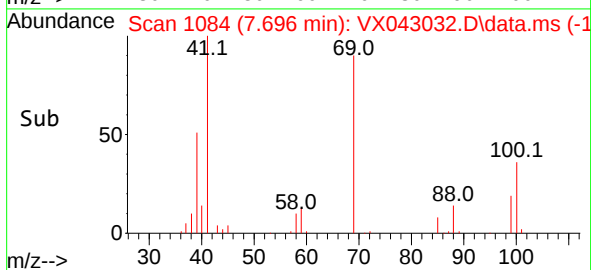
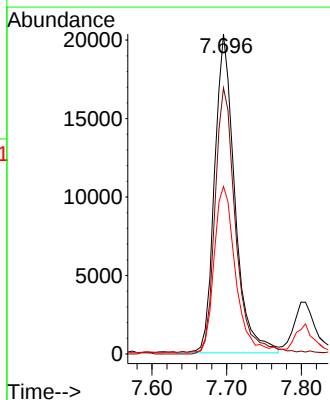
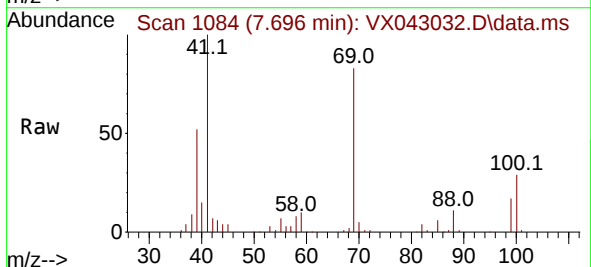
Manual Integrations
APPROVED

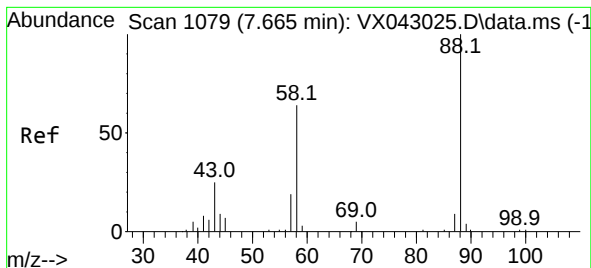
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#48
Methyl methacrylate
Concen: 18.417 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion: 41 Resp: 38440
Ion Ratio Lower Upper
41 100
69 85.4 59.2 88.8
39 55.7 47.7 71.5





#49

1,4-Dioxane

Concen: 405.598 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

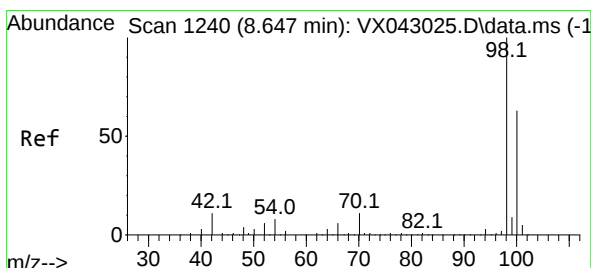
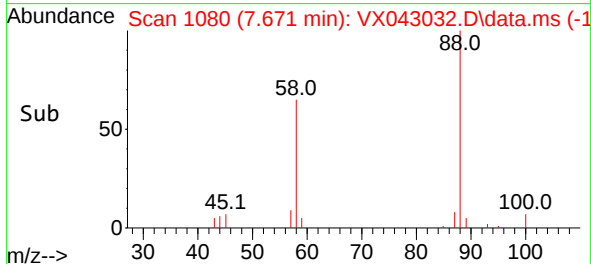
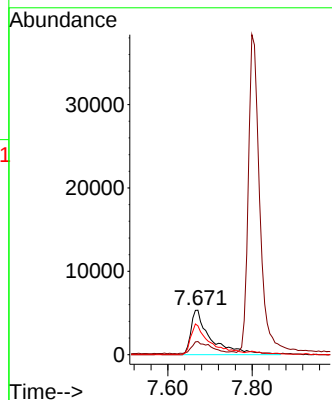
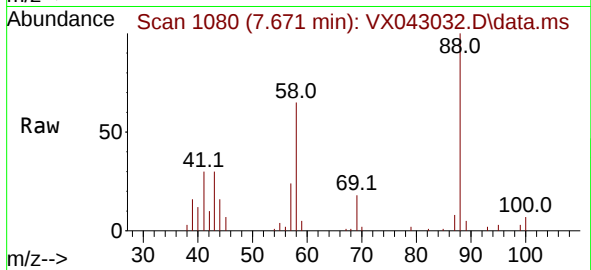
Tgt Ion: 88 Resp: 17580
 Ion Ratio Lower Upper
 88 100
 43 27.9 0.0 0.0
 58 65.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#50

Toluene-d8

Concen: 48.958 ug/l

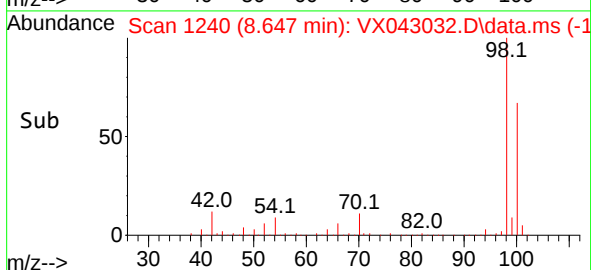
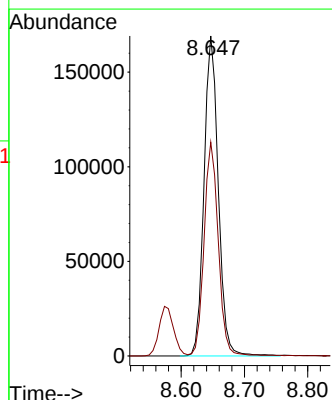
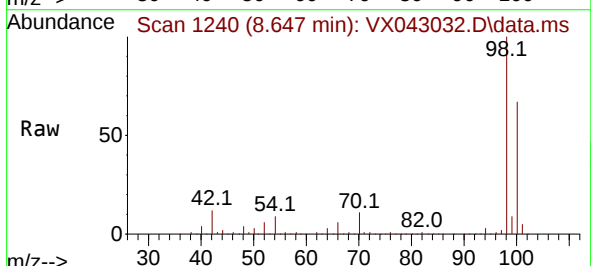
RT: 8.647 min Scan# 1240

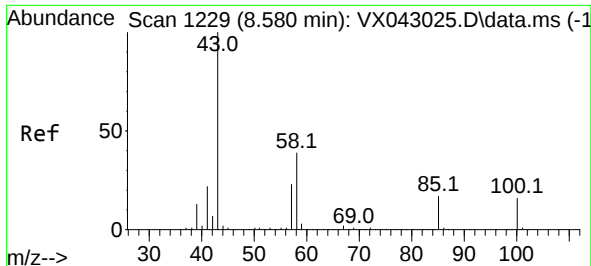
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion: 98 Resp: 265772
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7





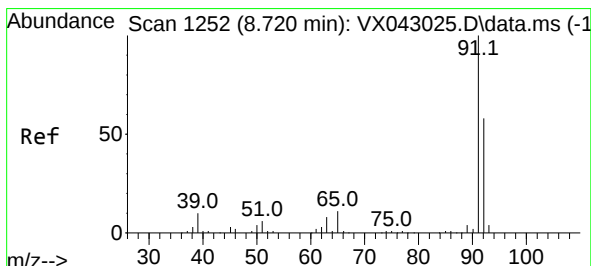
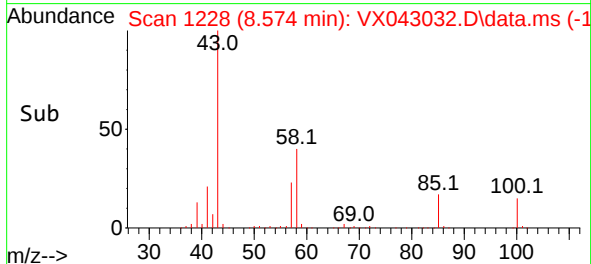
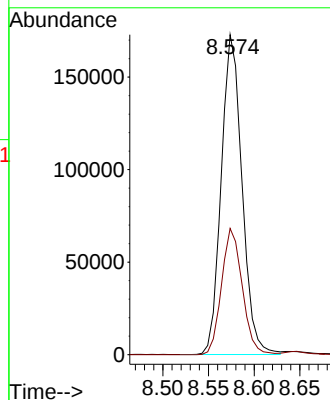
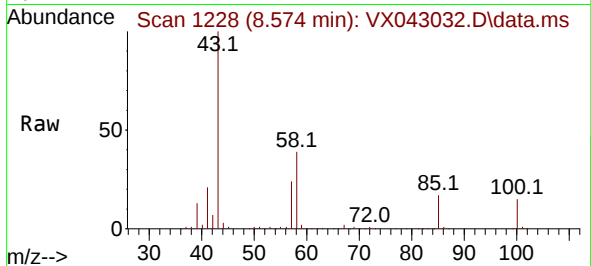
#51
4-Methyl-2-Pentanone
Concen: 97.040 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tgt Ion: 43 Resp: 27384
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

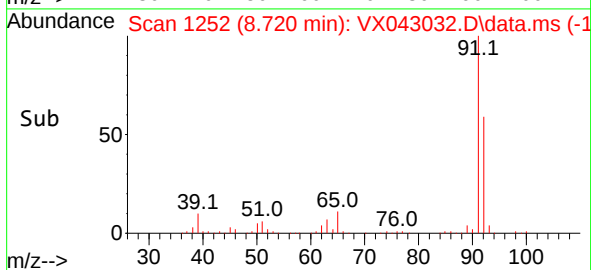
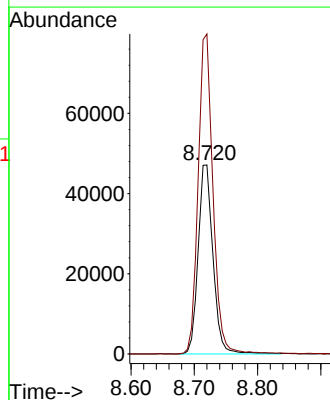
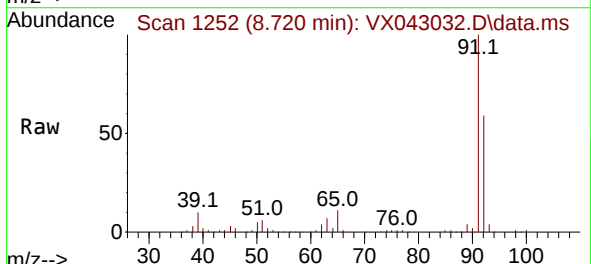
Manual Integrations
APPROVED

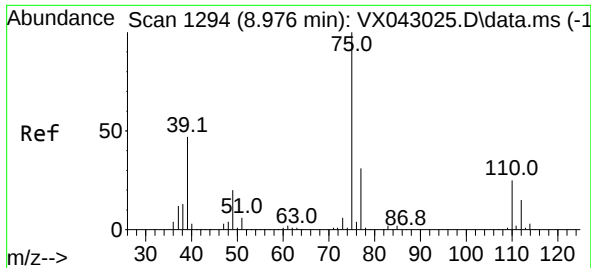
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#52
Toluene
Concen: 19.191 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion: 92 Resp: 77159
Ion Ratio Lower Upper
92 100
91 169.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.539 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion: 75 Resp: 44024

Ion Ratio Lower Upper

75 100

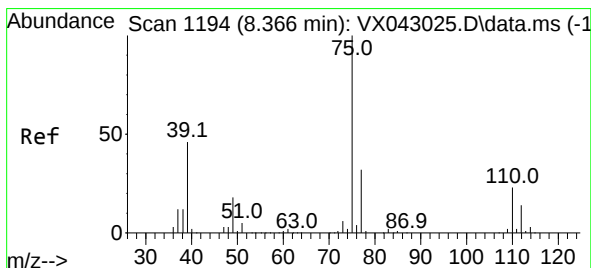
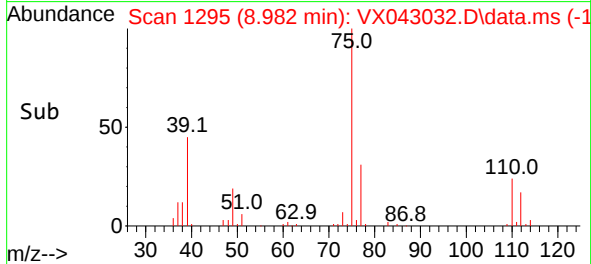
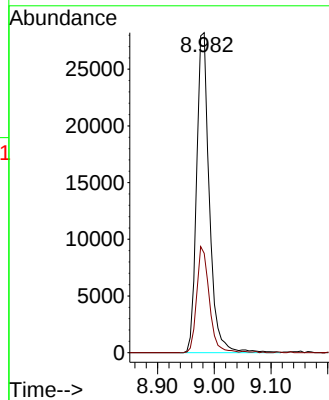
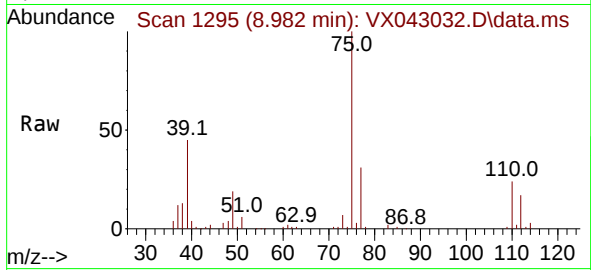
77 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#54

cis-1,3-Dichloropropene

Concen: 18.745 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

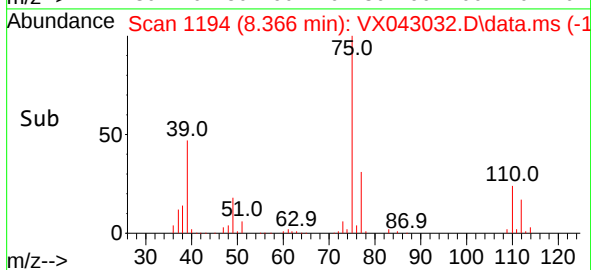
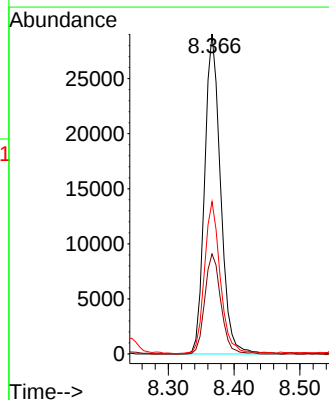
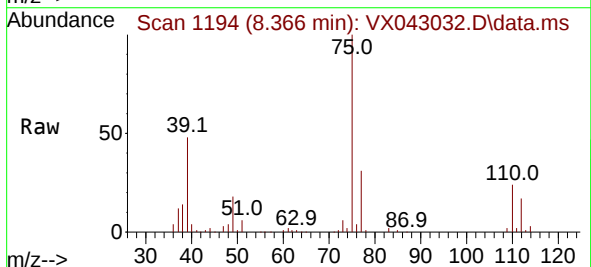
Tgt Ion: 75 Resp: 48958

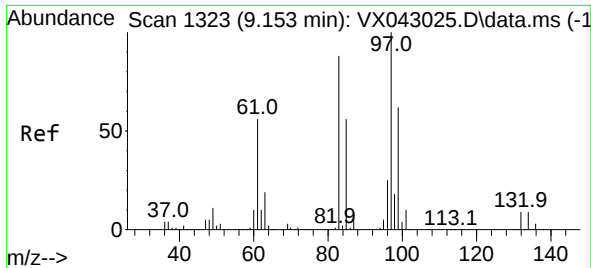
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

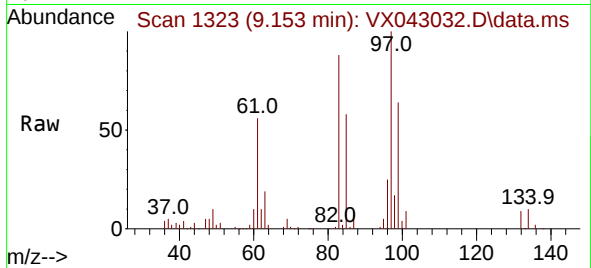
39 47.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 18.935 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

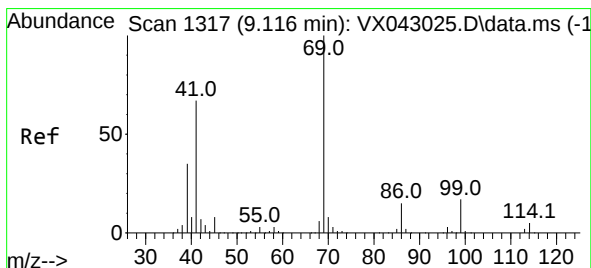
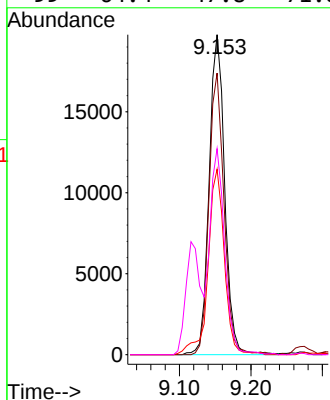
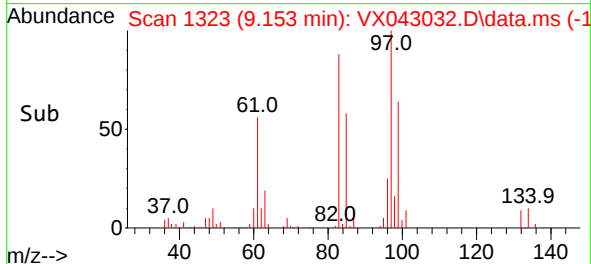
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	65.8	98.8
85	57.9	41.6	62.4
99	64.4	47.8	71.8

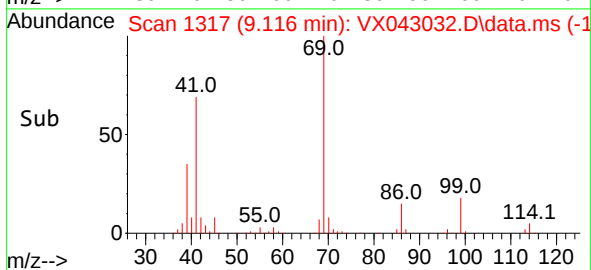
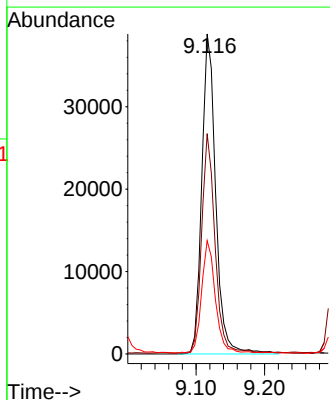
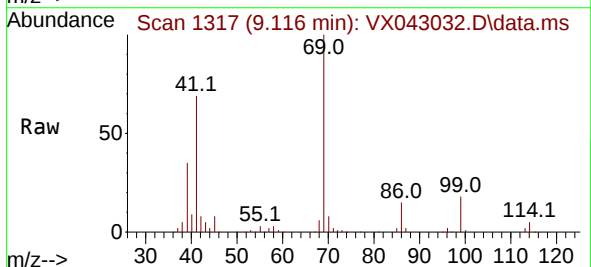
Manual Integrations
APPROVED

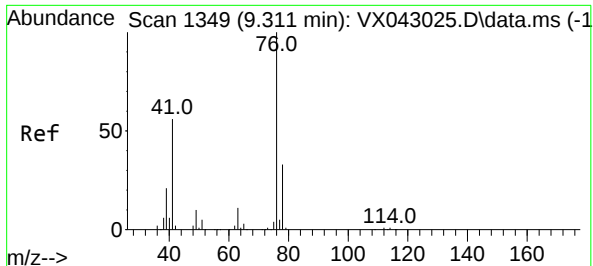
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#56
Ethyl methacrylate
Concen: 19.261 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.7	56.8	85.2
39	34.5	32.0	48.0





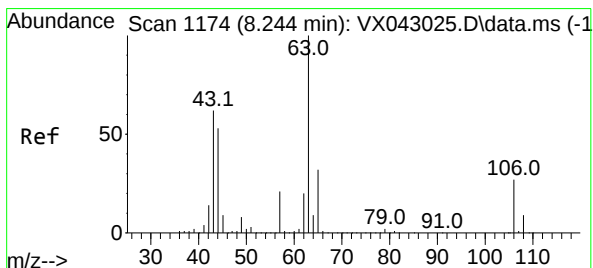
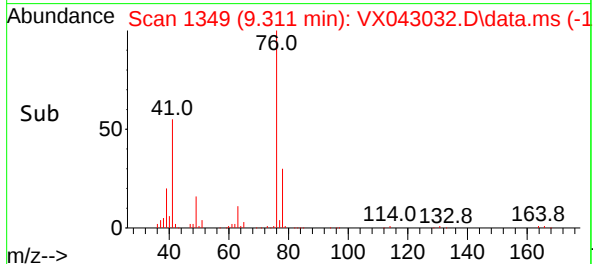
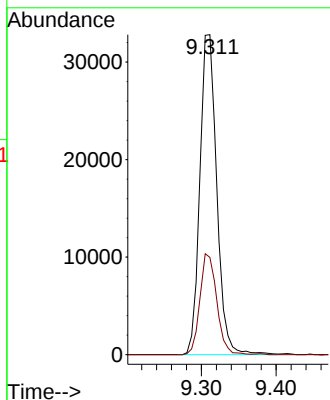
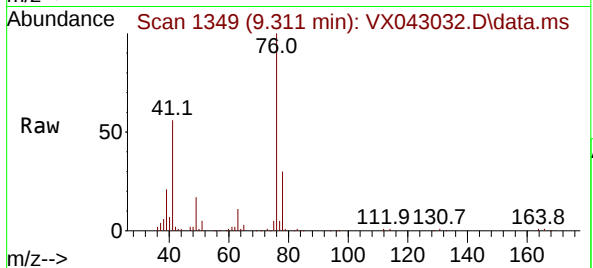
#57
1,3-Dichloropropane
Concen: 19.263 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tgt Ion: 76 Resp: 5155
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1

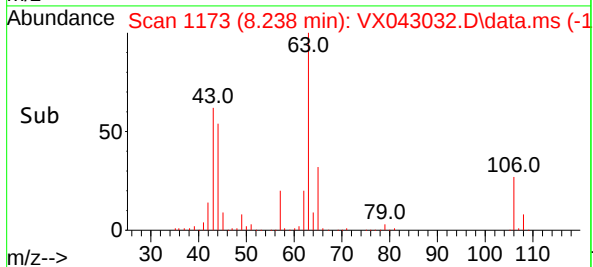
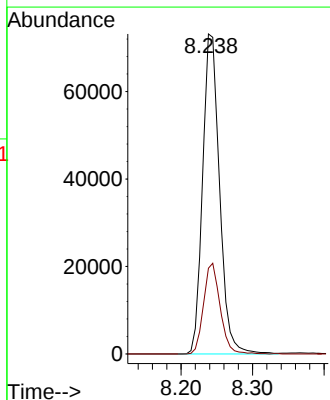
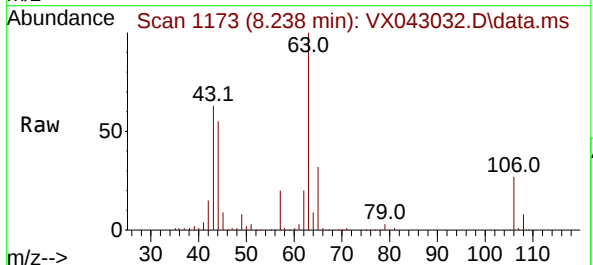
Manual Integrations
APPROVED

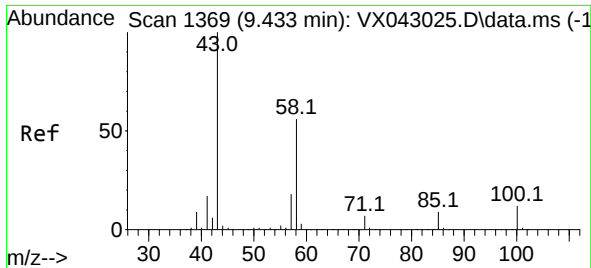
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 89.833 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

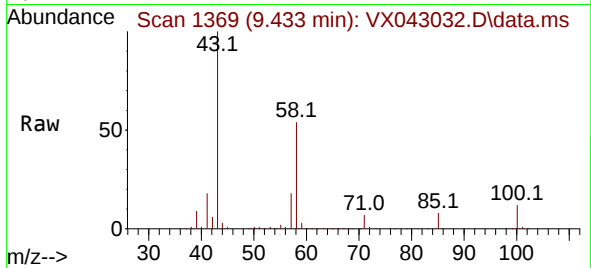
Tgt Ion: 63 Resp: 120550
Ion Ratio Lower Upper
63 100
106 27.7 22.5 33.7





#59
2-Hexanone
Concen: 98.000 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

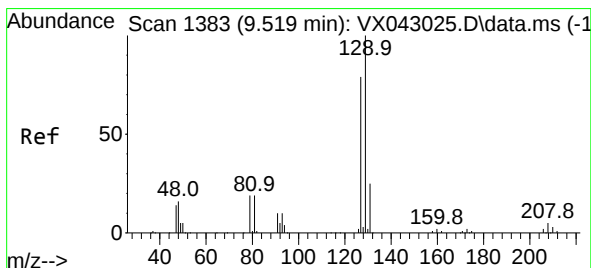
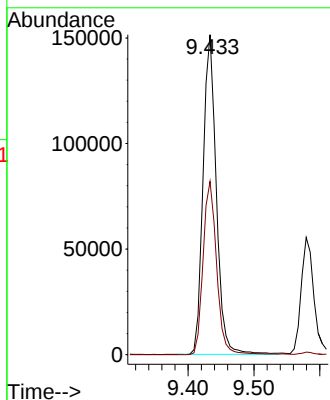
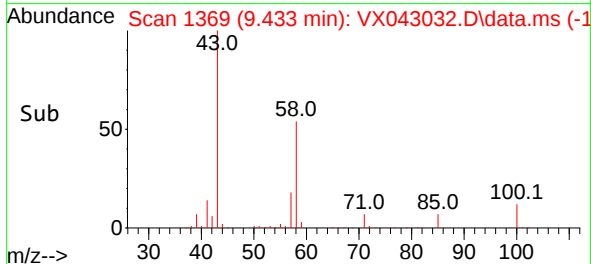
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion: 43 Resp: 212519
Ion Ratio Lower Upper
43 100
58 55.6 26.2 78.5

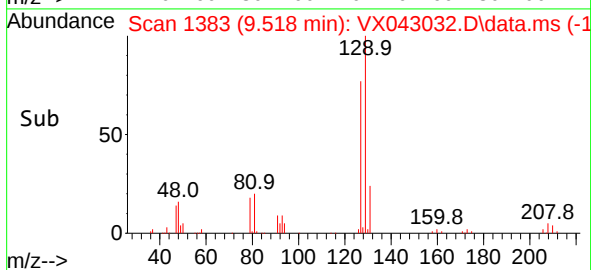
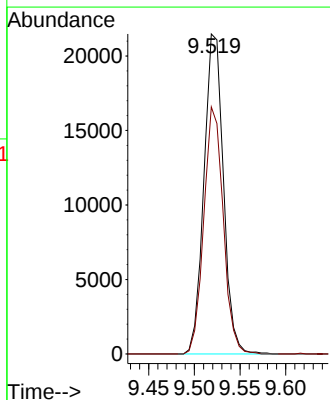
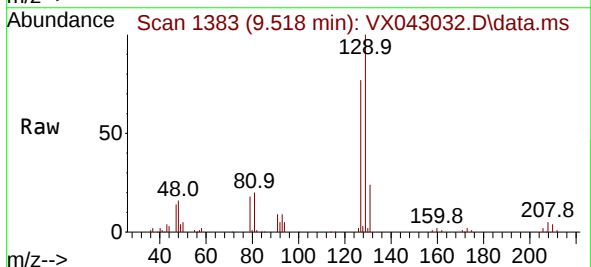
Manual Integrations
APPROVED

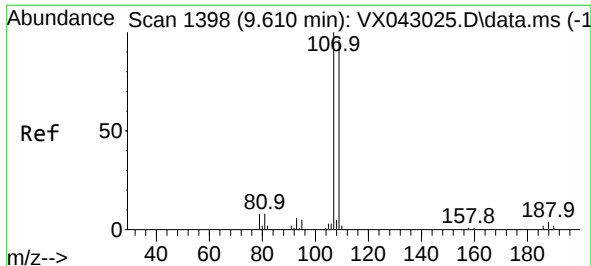
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#60
Dibromochloromethane
Concen: 19.088 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

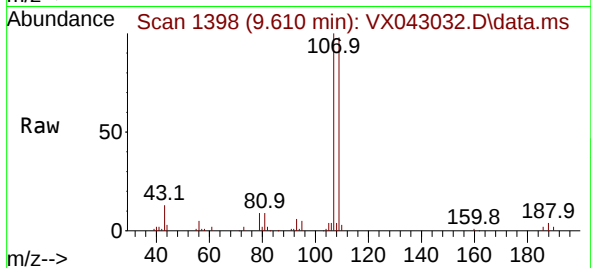
Tgt Ion:129 Resp: 31785
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.135 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

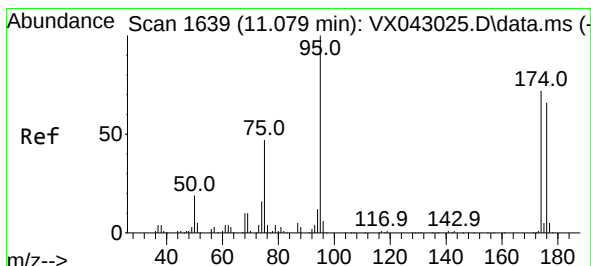
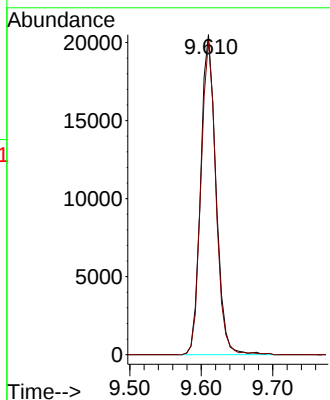
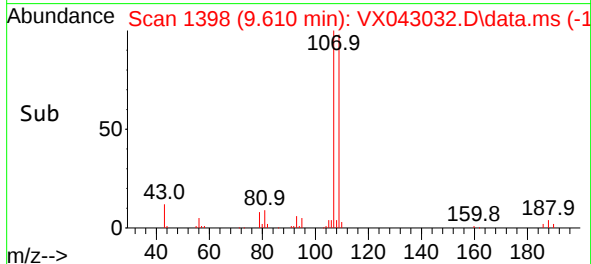
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



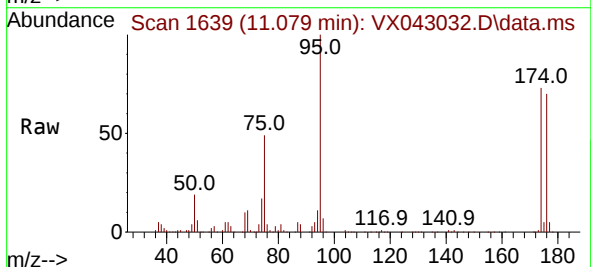
Tgt Ion:107 Resp: 3047
Ion Ratio Lower Upper
107 100
109 96.0 75.2 112.8

Manual Integrations
APPROVED

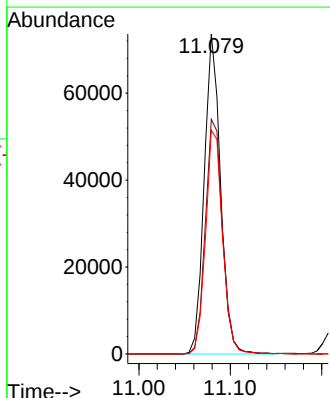
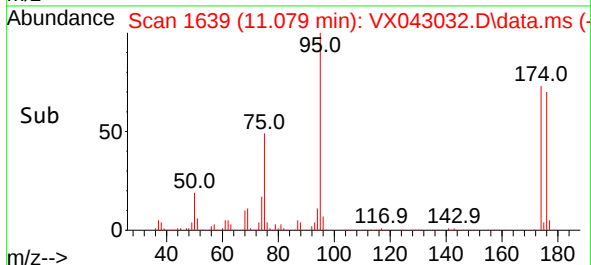
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

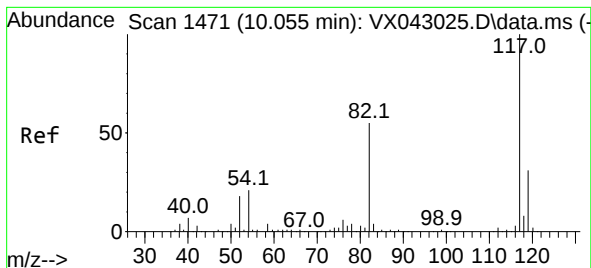


#62
4-Bromofluorobenzene
Concen: 46.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29



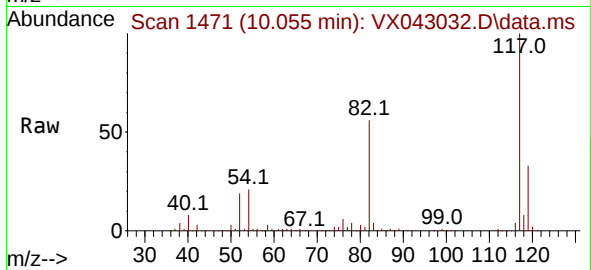
Tgt Ion: 95 Resp: 90938
Ion Ratio Lower Upper
95 100
174 77.4 0.0 135.6
176 72.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

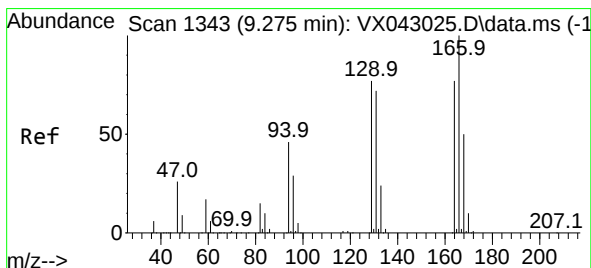
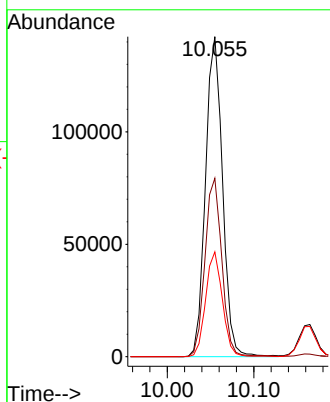
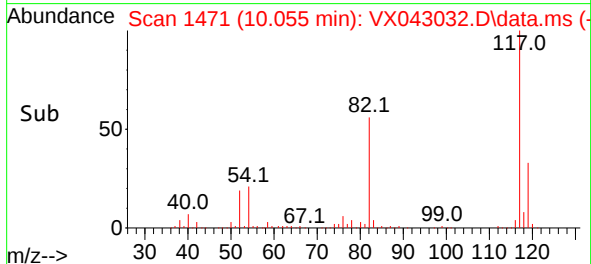
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion:117 Resp: 194597
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.8 25.5 38.3

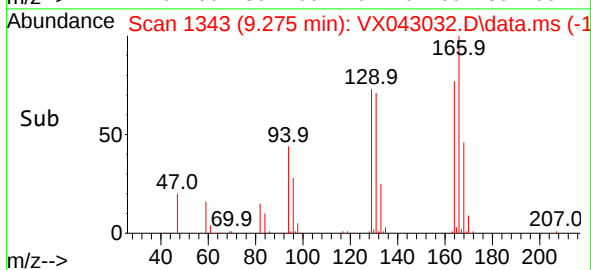
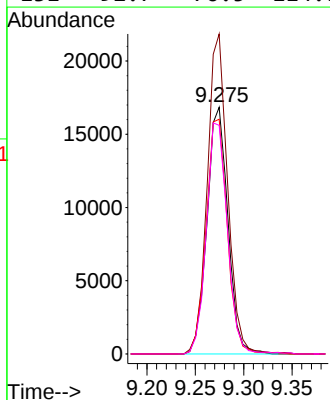
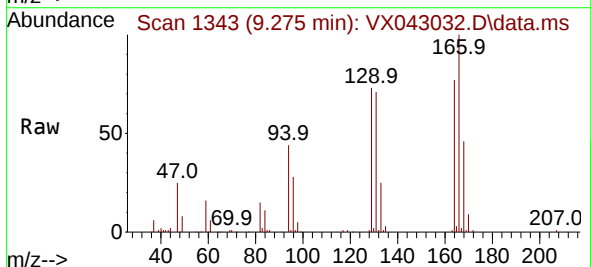
Manual Integrations
APPROVED

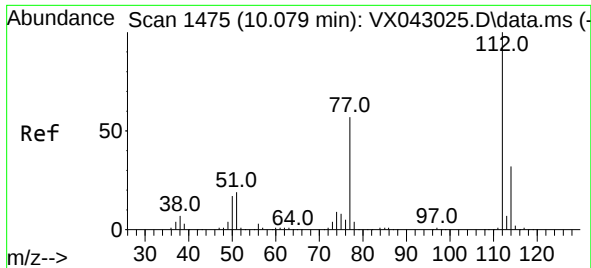
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#64
Tetrachloroethene
Concen: 20.163 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion:164 Resp: 25322
Ion Ratio Lower Upper
164 100
166 129.7 102.7 154.1
129 95.1 80.4 120.6
131 92.7 76.5 114.7





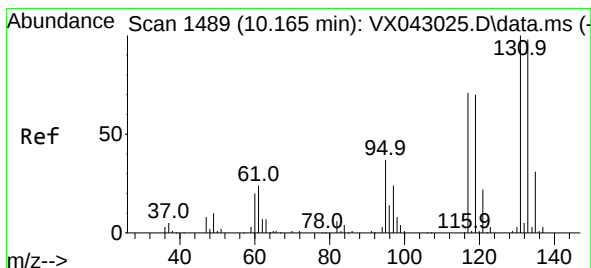
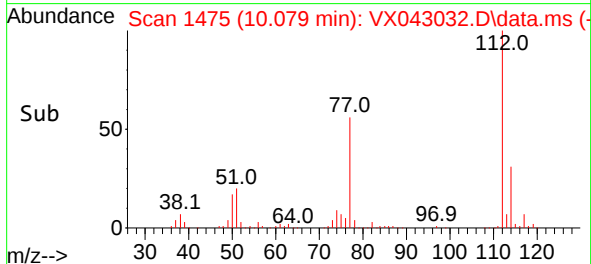
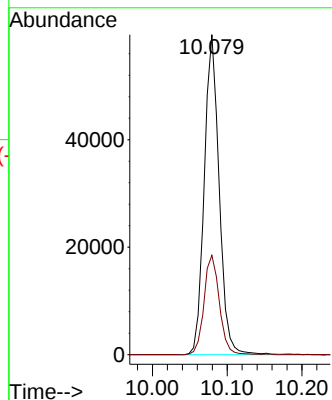
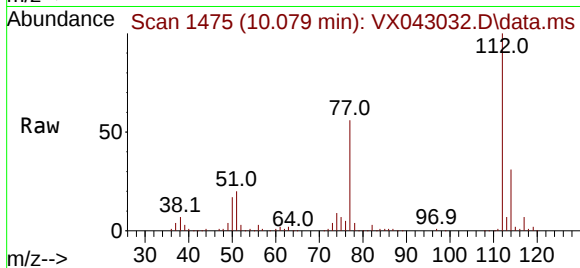
#65
Chlorobenzene
Concen: 19.606 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tgt Ion:112 Resp: 8231
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

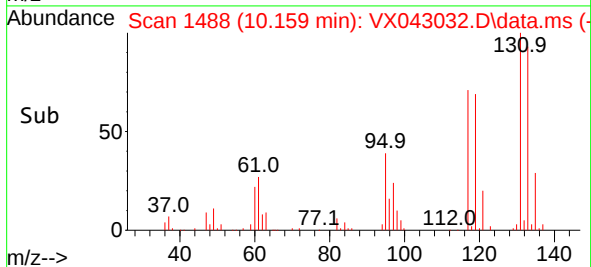
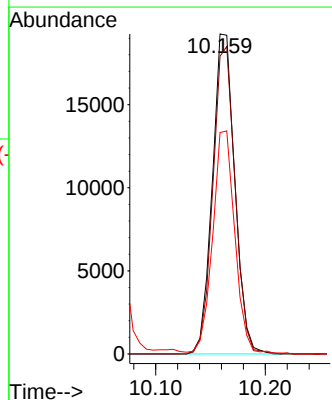
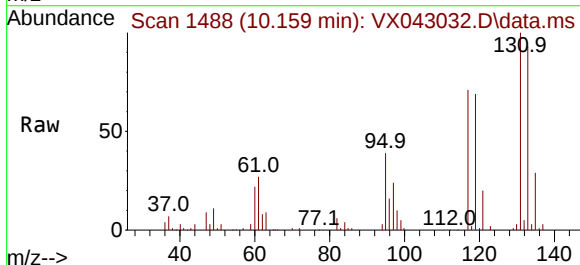
Manual Integrations
APPROVED

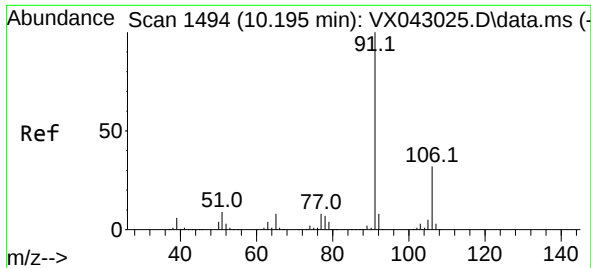
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.371 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

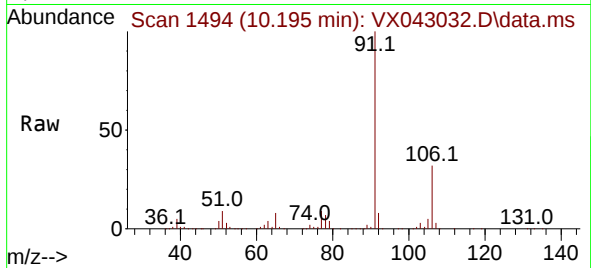
Tgt Ion:131 Resp: 27403
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 69.2 32.2 96.6





#67
Ethyl Benzene
Concen: 19.621 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

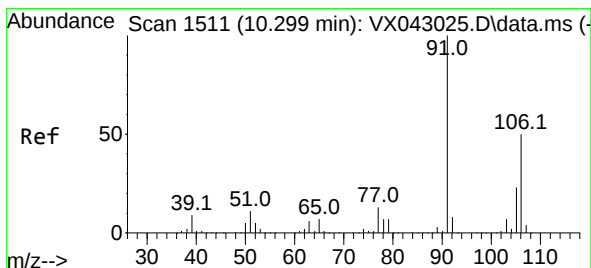
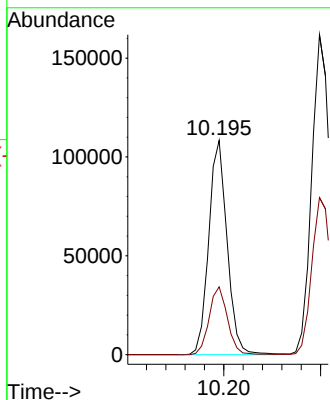
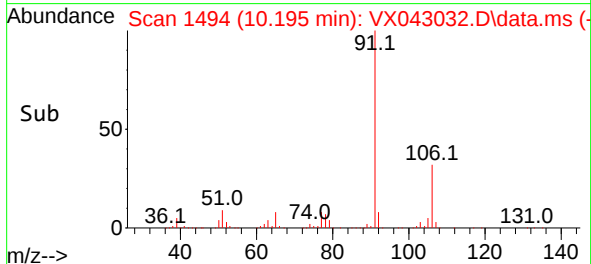
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



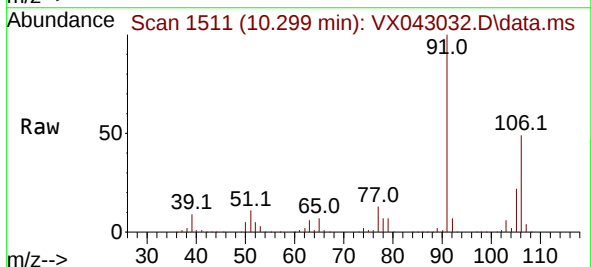
Tgt Ion: 91 Resp: 143150
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

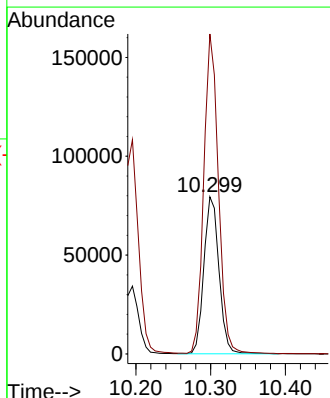
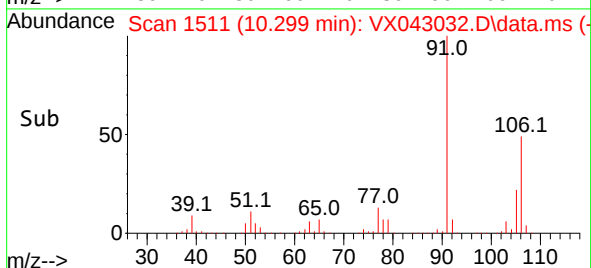
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

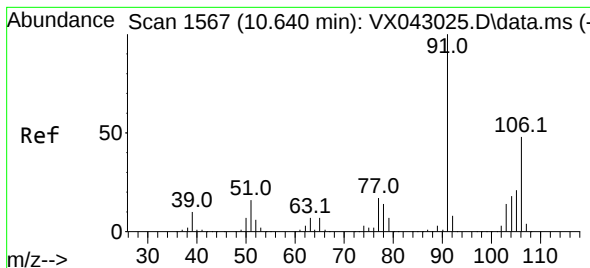


#68
m/p-Xylenes
Concen: 39.640 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29



Tgt Ion:106 Resp: 111208
Ion Ratio Lower Upper
106 100
91 198.3 165.5 248.3





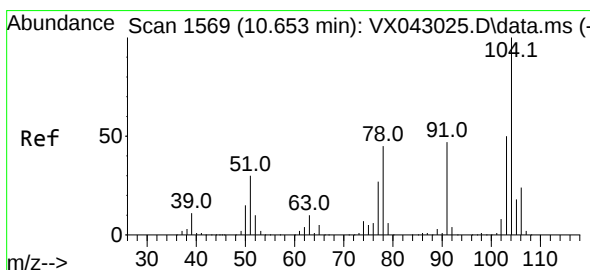
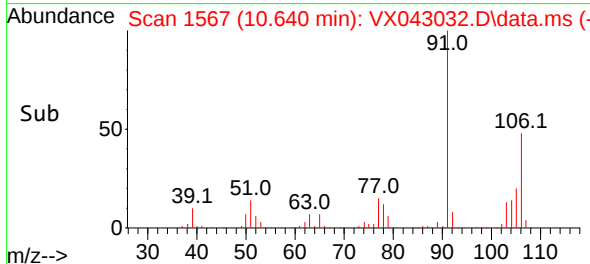
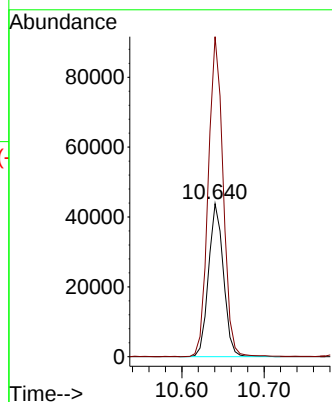
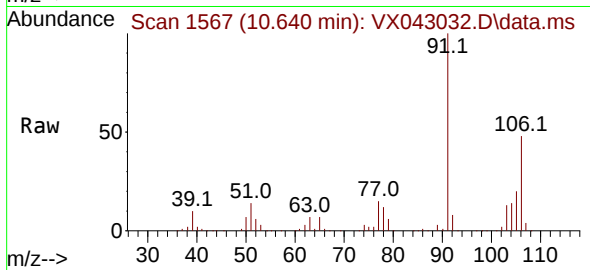
#69
o-Xylene
Concen: 19.584 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tgt Ion:106 Resp: 55194
Ion Ratio Lower Upper
106 100
91 209.0 108.9 326.8

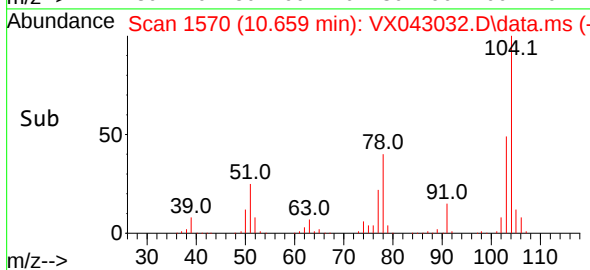
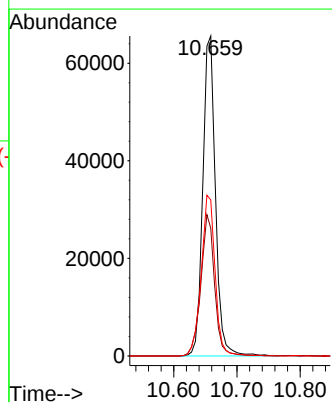
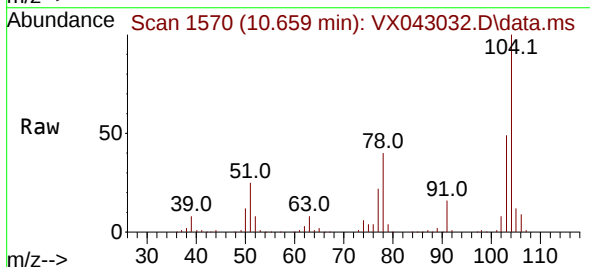
Manual Integrations
APPROVED

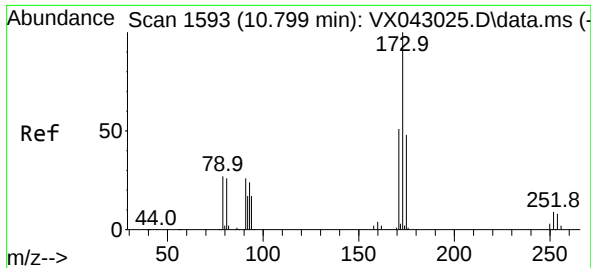
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#70
Styrene
Concen: 19.398 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

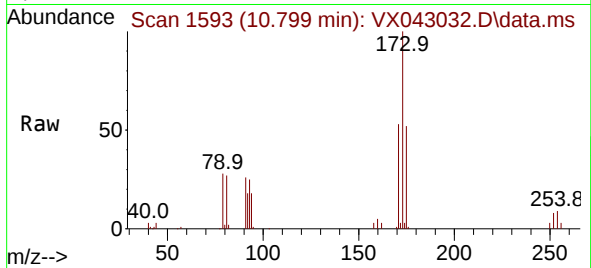
Tgt Ion:104 Resp: 91660
Ion Ratio Lower Upper
104 100
78 47.8 43.6 65.4
103 55.2 43.6 65.4





#71
Bromoform
Concen: 18.912 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

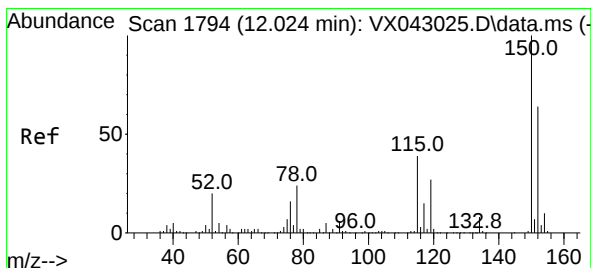
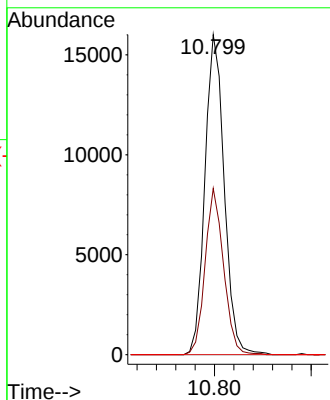
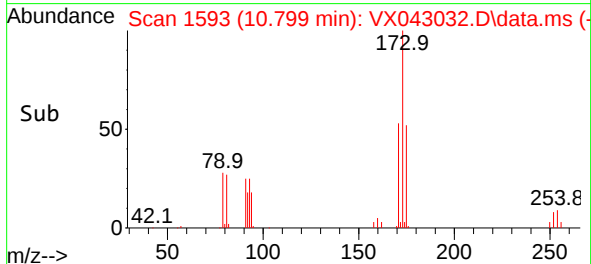
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion:173 Resp: 22219
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.4
254 0.0 0.0 0.0

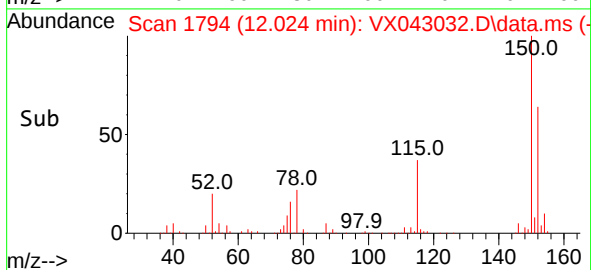
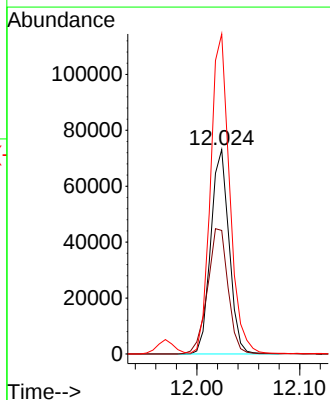
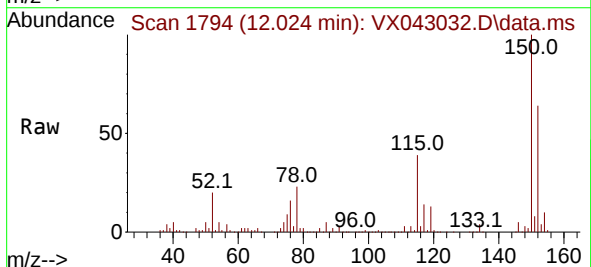
Manual Integrations
APPROVED

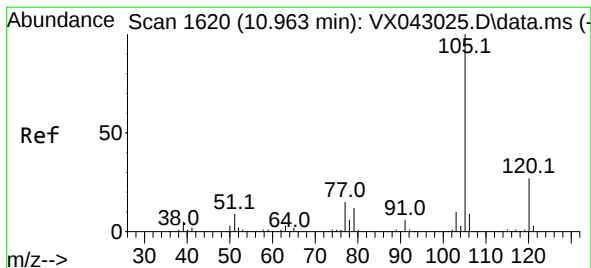
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Tgt Ion:152 Resp: 90142
Ion Ratio Lower Upper
152 100
115 68.7 43.3 129.9
150 163.3 0.0 345.0





#73

Isopropylbenzene

Concen: 20.180 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion:105 Resp: 138762

Ion Ratio Lower Upper

105 100

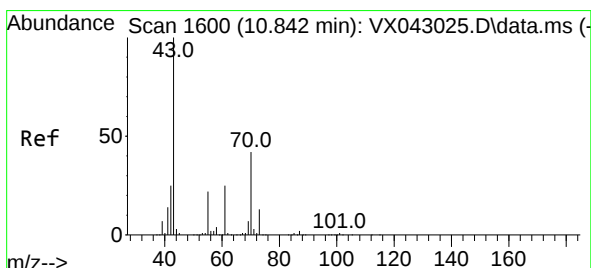
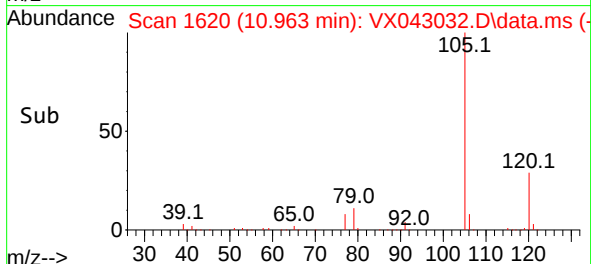
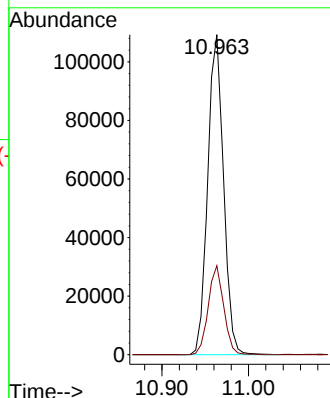
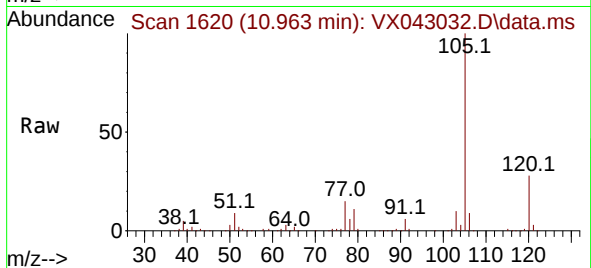
120 27.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#74

N-ethyl acetate

Concen: 18.711 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion: 43 Resp: 73283

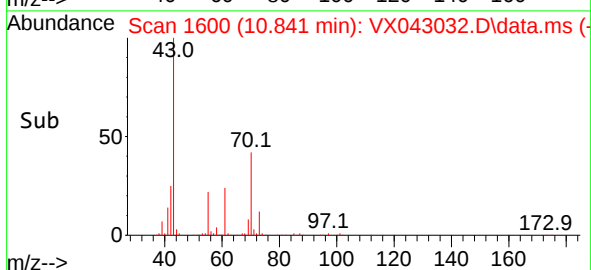
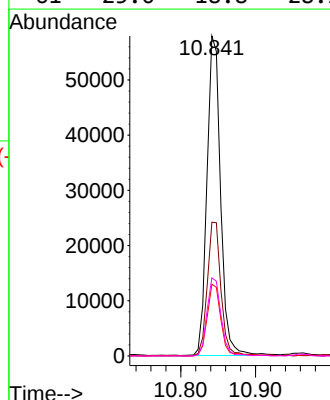
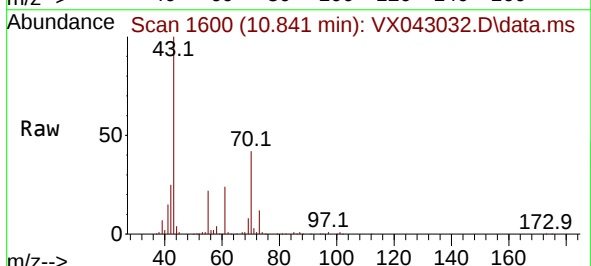
Ion Ratio Lower Upper

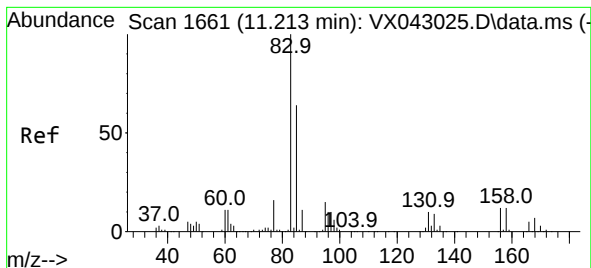
43 100

70 42.4 32.9 49.3

55 23.0 19.3 28.9

61 25.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.829 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

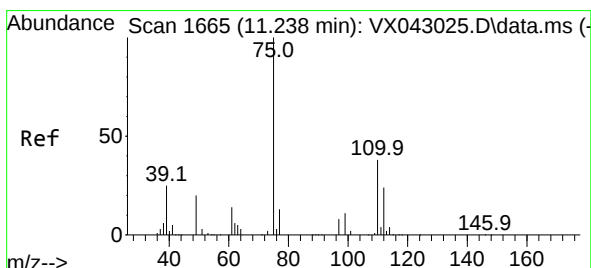
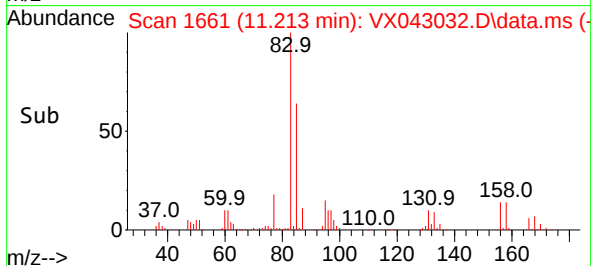
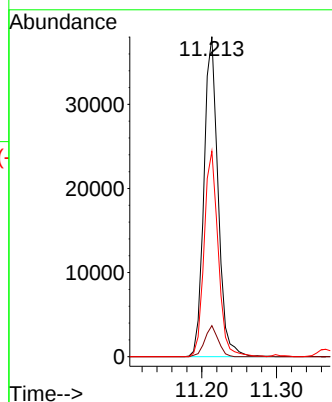
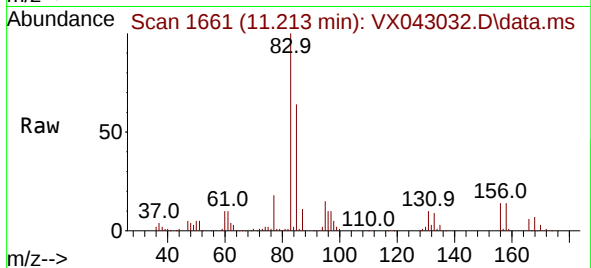
Tgt Ion:	83	Resp:	49830
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.3	15.8
85	64.0	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#76

1,2,3-Trichloropropane

Concen: 18.854 ug/l m

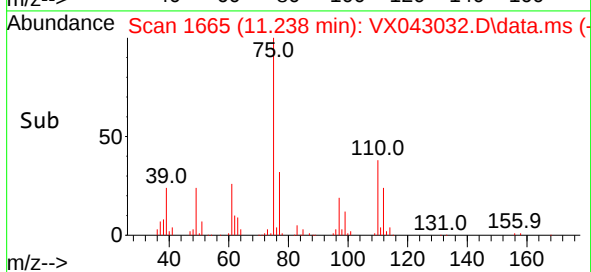
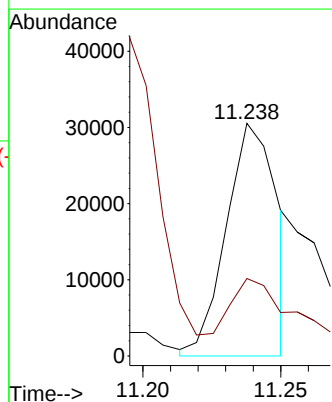
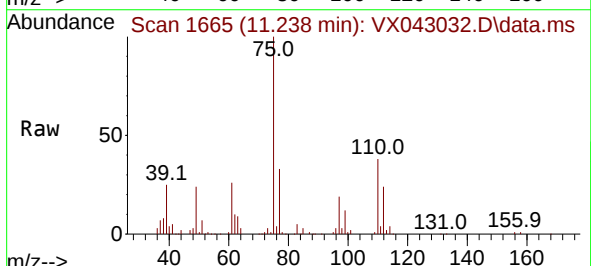
RT: 11.238 min Scan# 1665

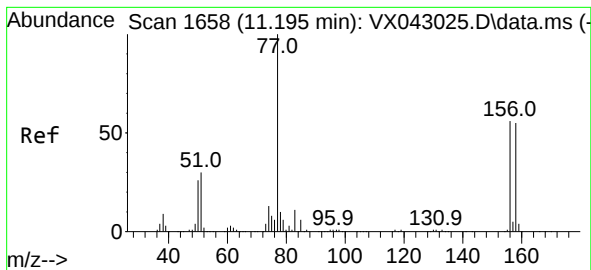
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:	75	Resp:	38950
Ion Ratio	Lower	Upper	
75	100		
77	46.7	19.1	57.5





#77

Bromobenzene

Concen: 19.819 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

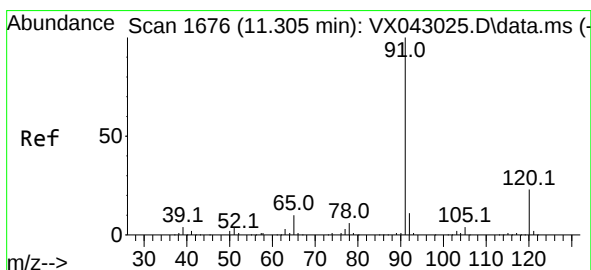
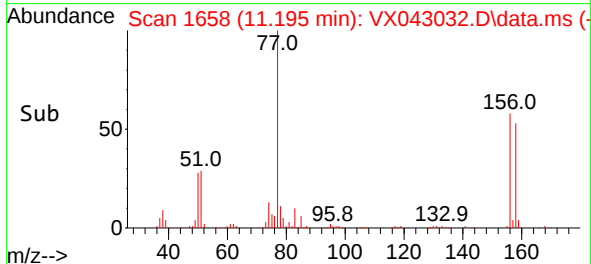
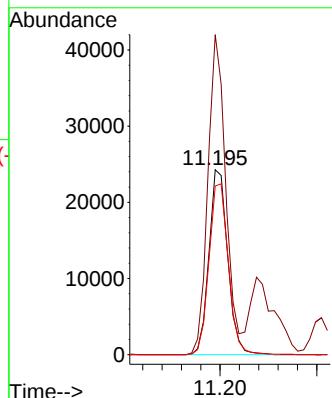
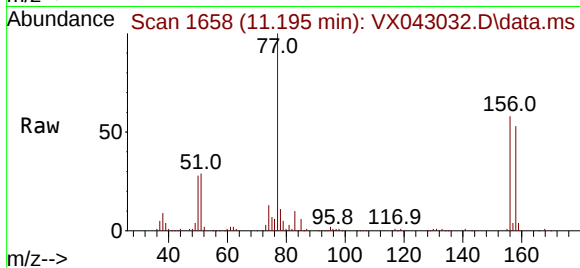
Tgt Ion:	156	Resp:	32739
Ion Ratio	Lower	Upper	
156	100		
77	163.2	88.4	265.3
158	95.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#78

n-propylbenzene

Concen: 20.125 ug/l

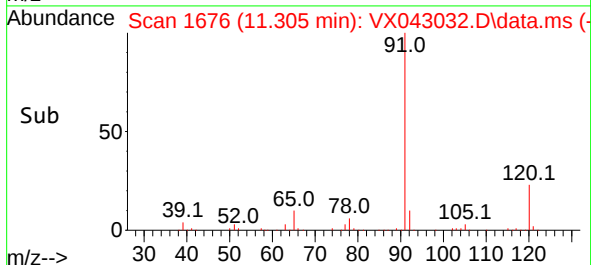
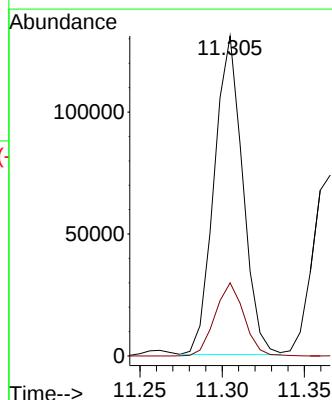
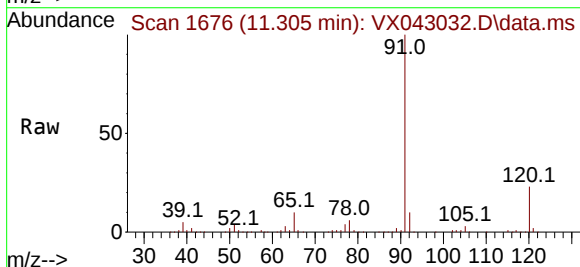
RT: 11.305 min Scan# 1676

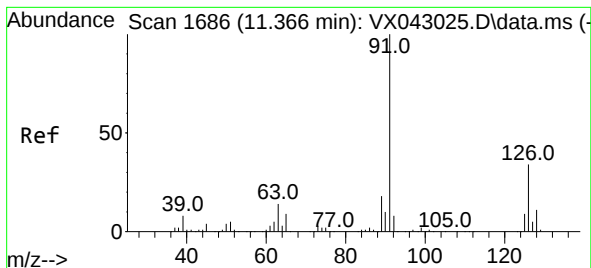
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:	91	Resp:	157712
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.196 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion: 91 Resp: 9362

Ion Ratio Lower Upper

91 100

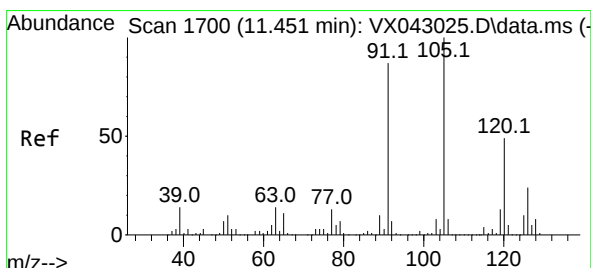
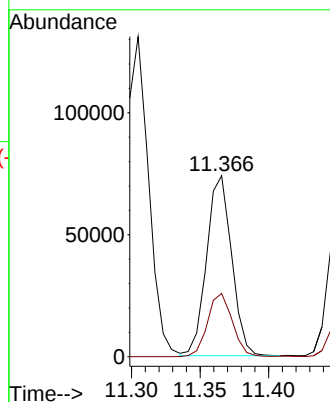
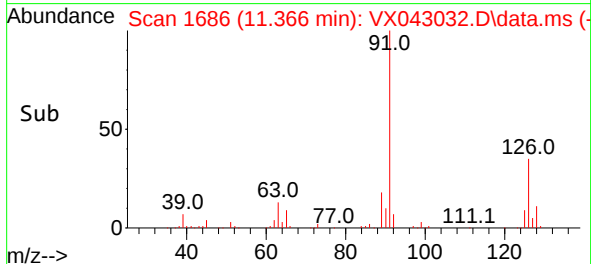
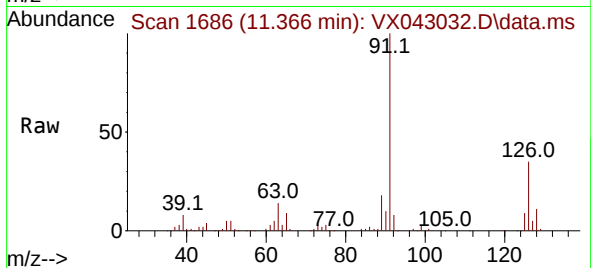
126 34.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.904 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043032.D

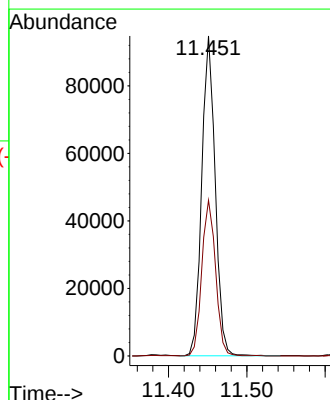
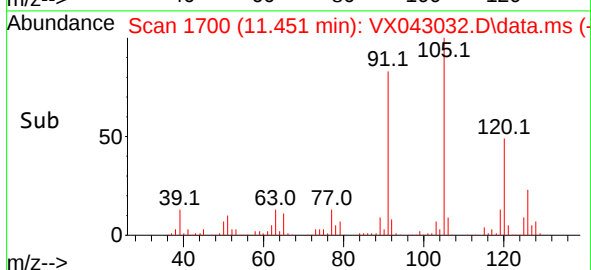
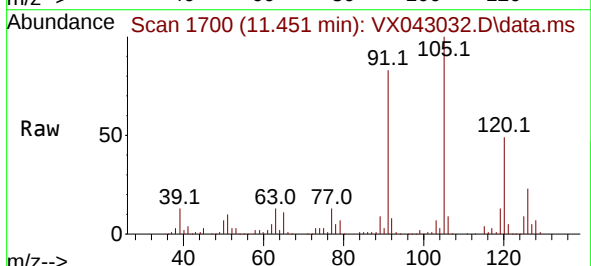
Acq: 14 Aug 2024 15:29

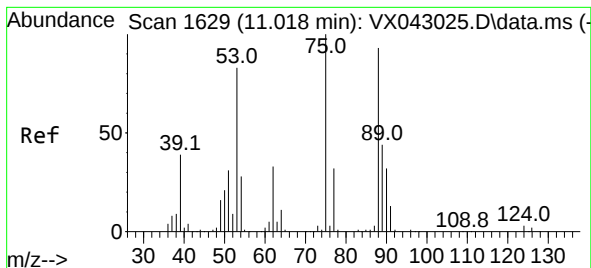
Tgt Ion:105 Resp: 112746

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.3





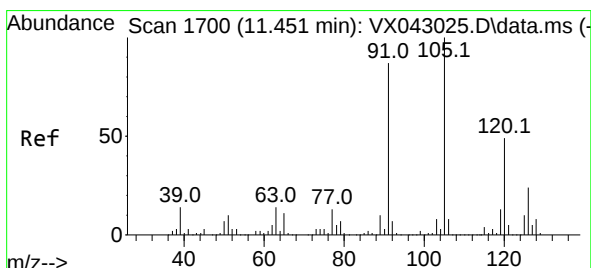
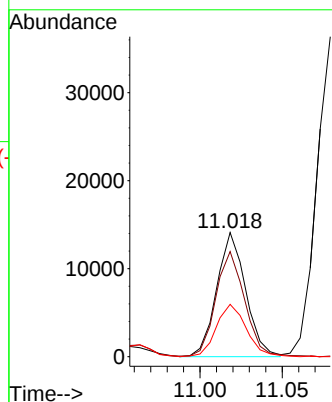
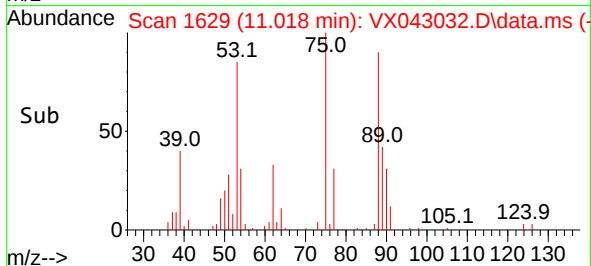
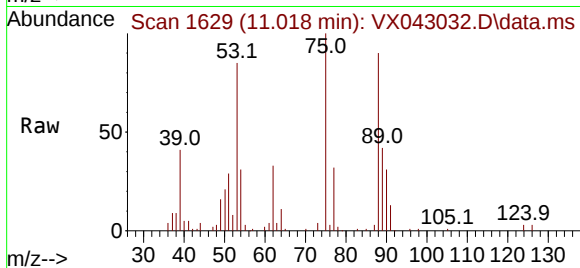
#81
trans-1,4-Dichloro-2-butene
Concen: 18.241 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tgt Ion: 75 Resp: 1727
Ion Ratio Lower Upper
75 100
53 84.8 90.5 135.7
89 43.8 36.9 55.3

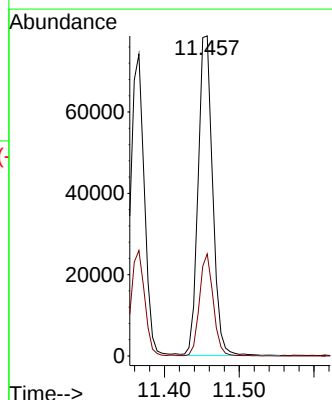
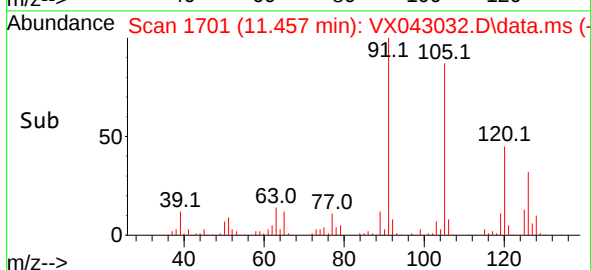
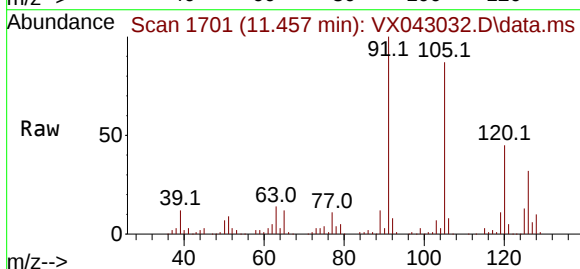
Manual Integrations
APPROVED

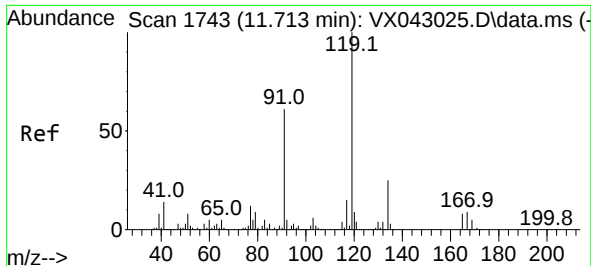
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#82
4-Chlorotoluene
Concen: 19.505 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

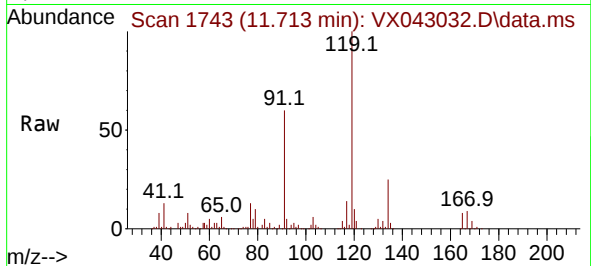
Tgt Ion: 91 Resp: 106005
Ion Ratio Lower Upper
91 100
126 30.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.769 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

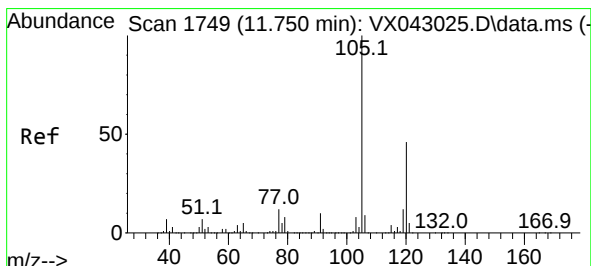
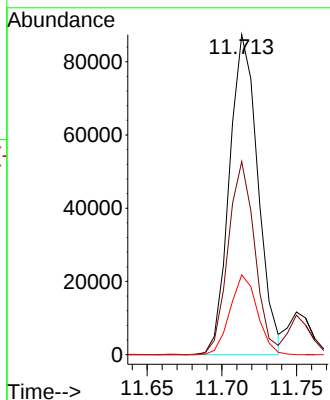
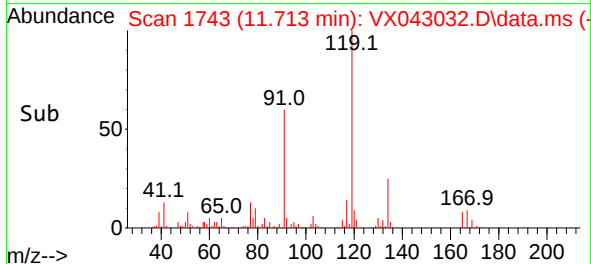
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



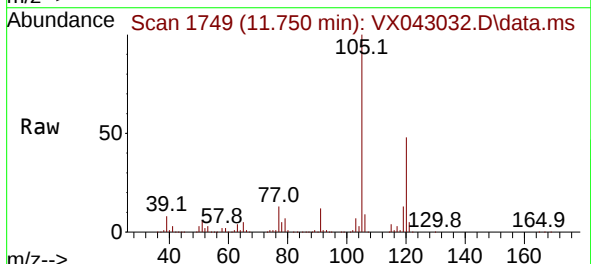
Tgt Ion:119 Resp: 115899
Ion Ratio Lower Upper
119 100
91 56.7 31.2 93.6
134 23.9 11.7 35.0

Manual Integrations
APPROVED

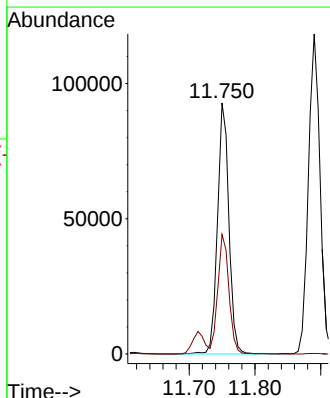
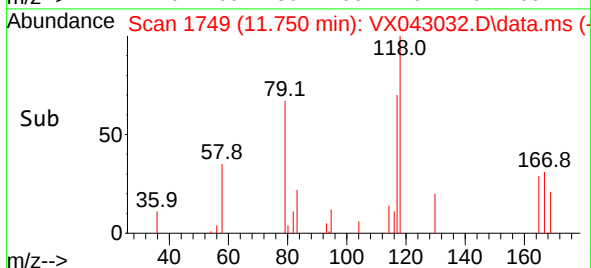
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

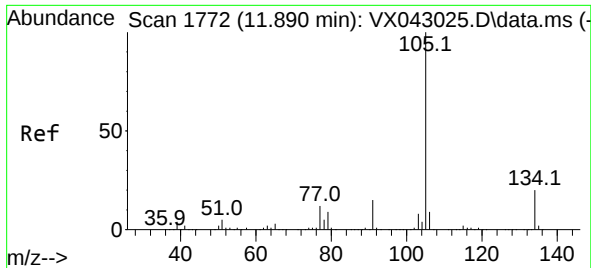


#84
1,2,4-Trimethylbenzene
Concen: 19.576 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29



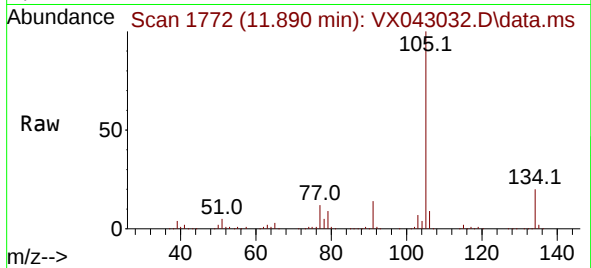
Tgt Ion:105 Resp: 111872
Ion Ratio Lower Upper
105 100
120 46.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.397 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043032.D
 Acq: 14 Aug 2024 15:29

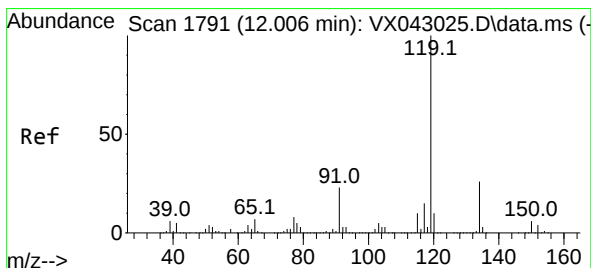
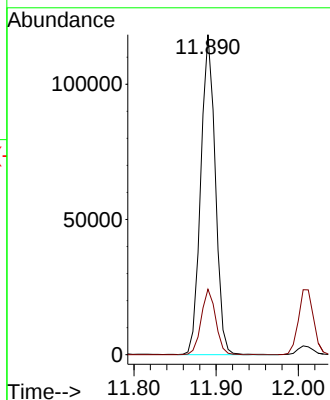
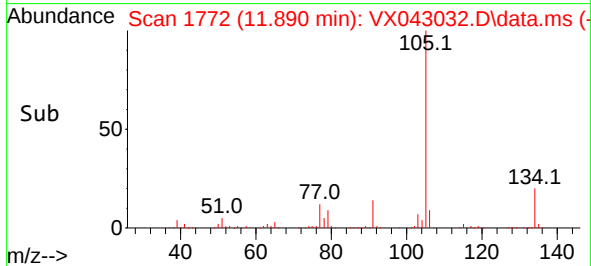
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01



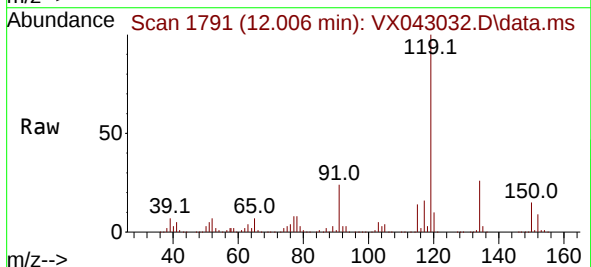
Tgt Ion:105 Resp: 145154
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

Manual Integrations
 APPROVED

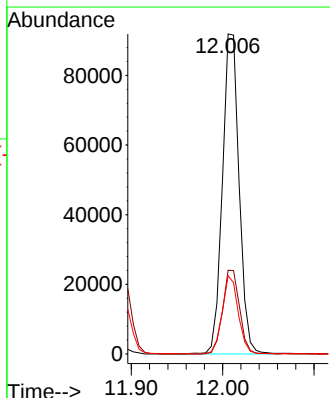
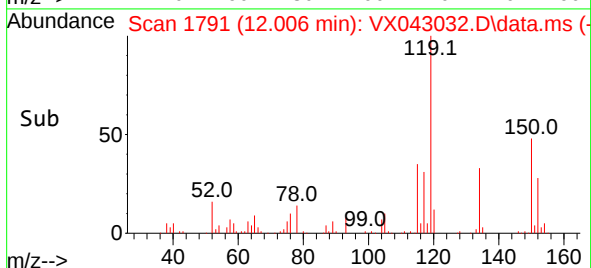
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

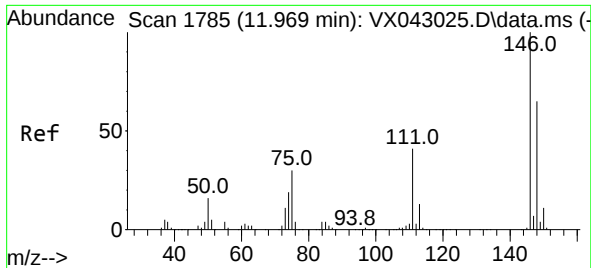


#86
 p-Isopropyltoluene
 Concen: 20.169 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043032.D
 Acq: 14 Aug 2024 15:29



Tgt Ion:119 Resp: 117269
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 23.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.620 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

Tgt Ion:146 Resp: 58278

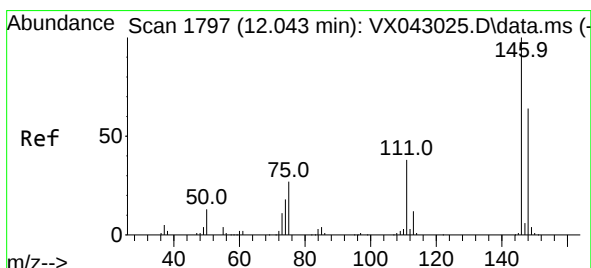
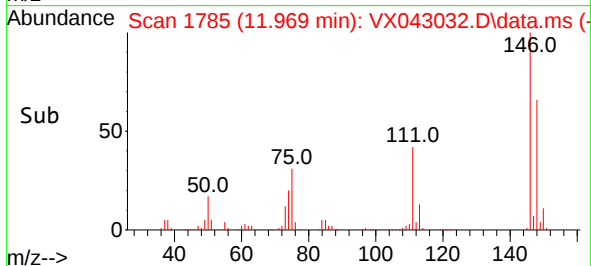
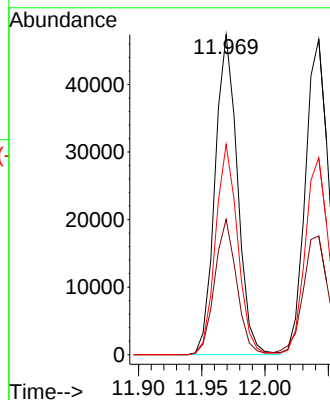
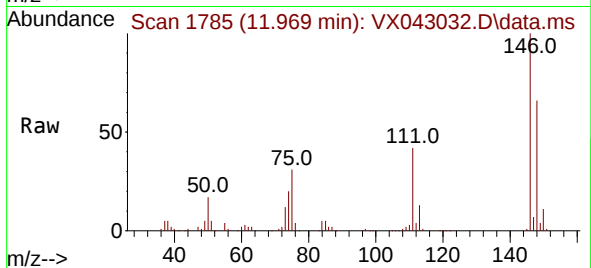
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.1	66.1
148	65.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#88

1,4-Dichlorobenzene

Concen: 19.630 ug/l

RT: 12.042 min Scan# 1797

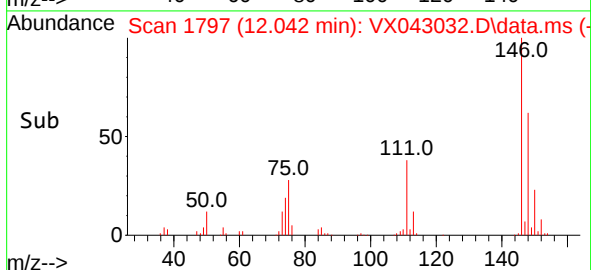
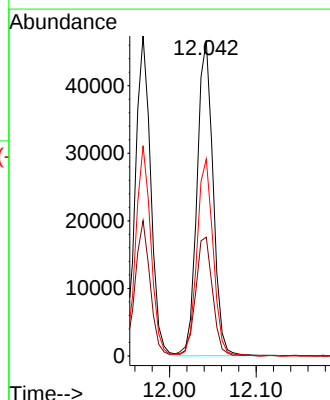
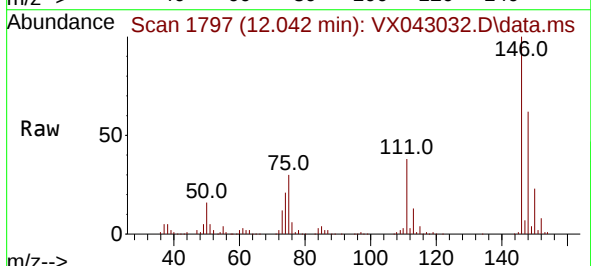
Delta R.T. -0.000 min

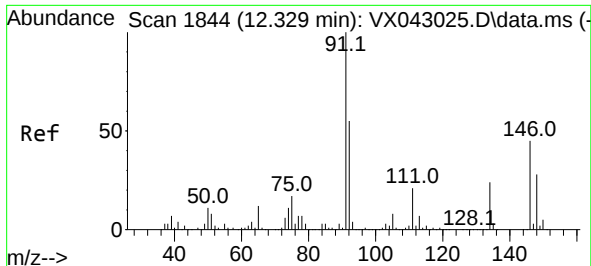
Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:146 Resp: 59657

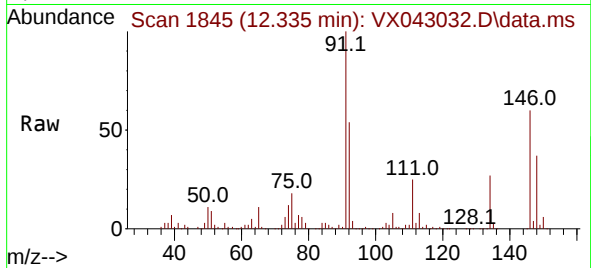
Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	63.7
148	63.4	31.8	95.4





#89
n-Butylbenzene
Concen: 19.672 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

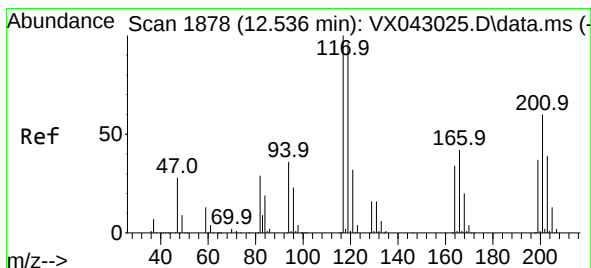
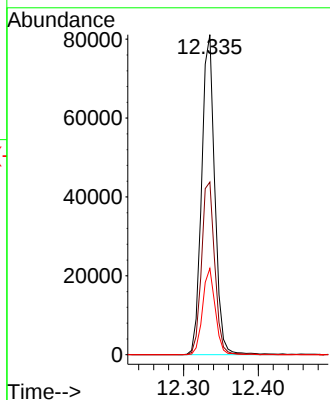
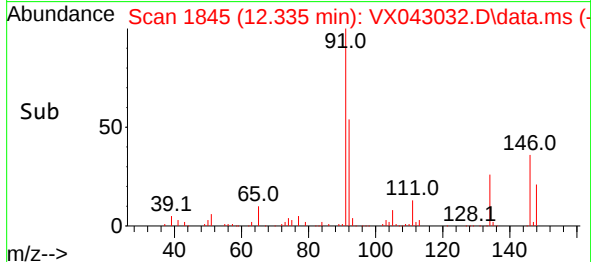
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



Tgt Ion: 91 Resp: 99012
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 26.0 12.6 37.8

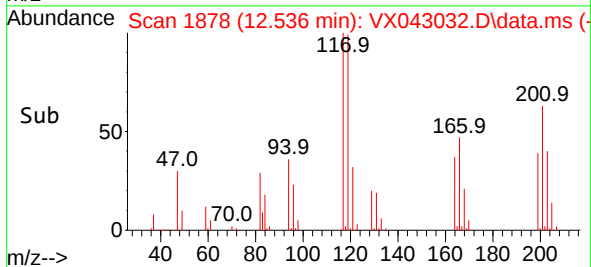
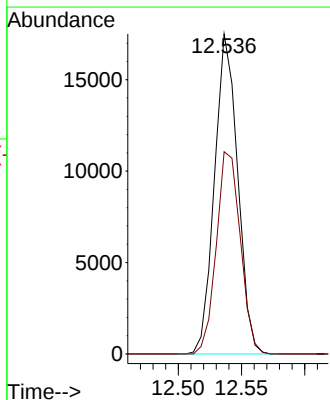
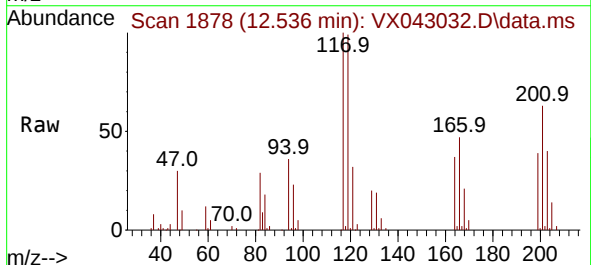
Manual Integrations
APPROVED

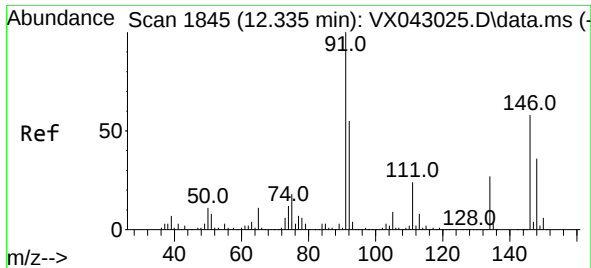
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#90
Hexachloroethane
Concen: 19.046 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

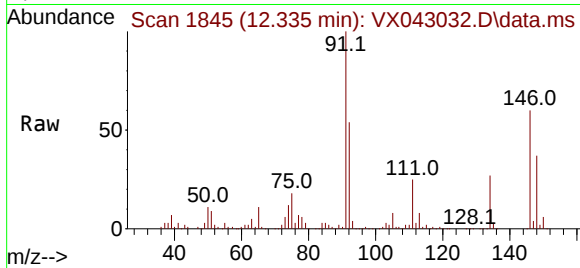
Tgt Ion:117 Resp: 22242
Ion Ratio Lower Upper
117 100
201 65.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.965 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29

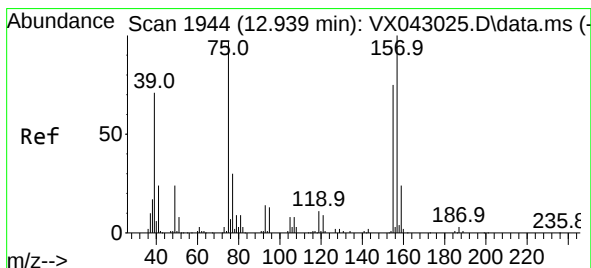
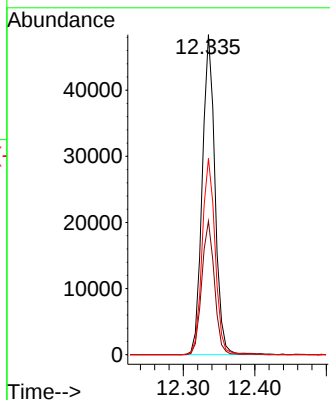
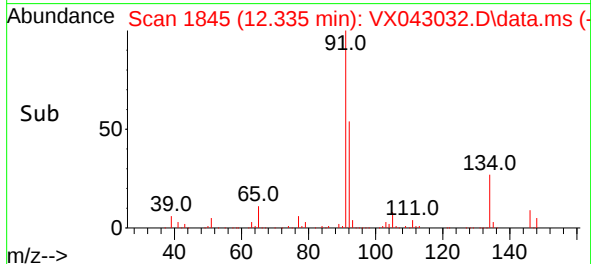
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01



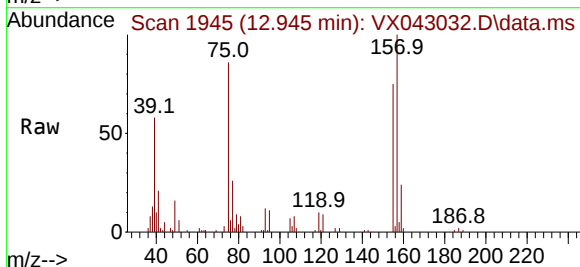
Tgt Ion:146 Resp: 5979
Ion Ratio Lower Upper
146 100
111 41.5 22.4 67.0
148 62.4 31.6 95.0

Manual Integrations
APPROVED

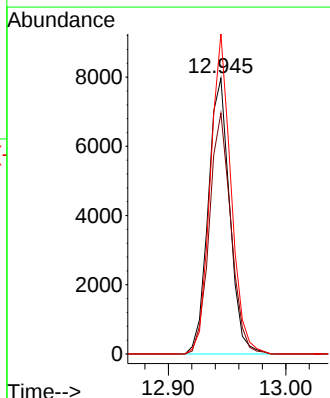
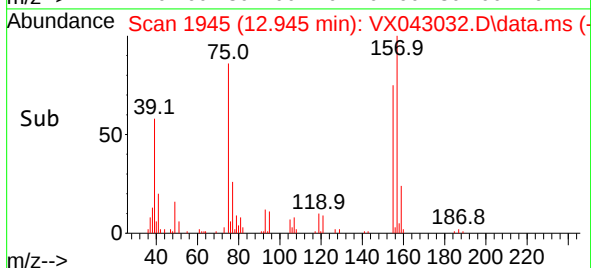
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

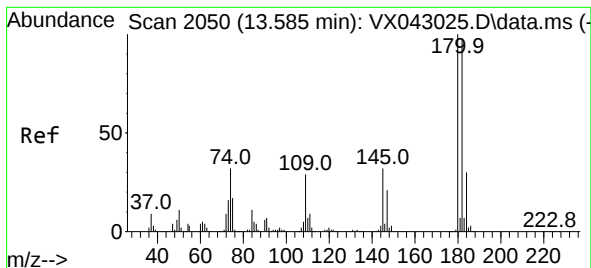


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.481 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043032.D
Acq: 14 Aug 2024 15:29



Tgt Ion: 75 Resp: 10087
Ion Ratio Lower Upper
75 100
155 87.9 36.1 108.5
157 111.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.671 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

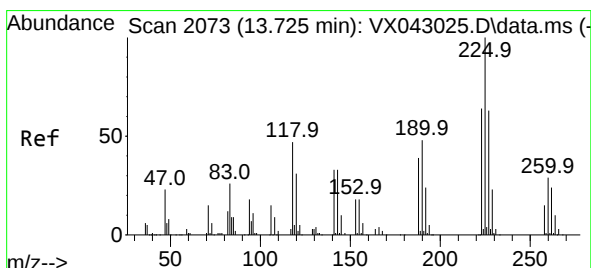
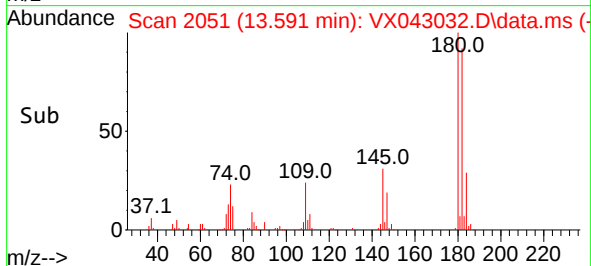
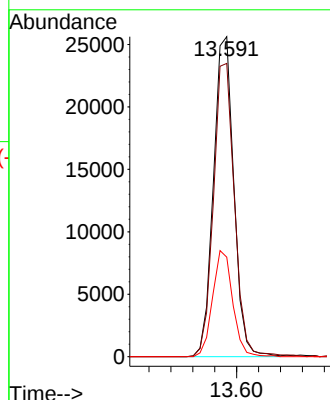
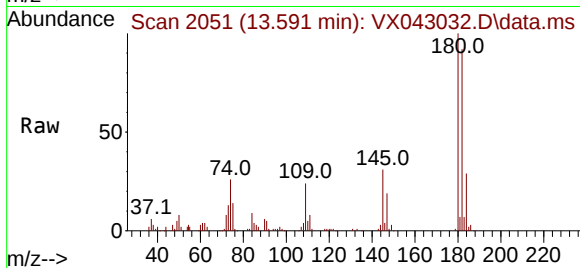
Tgt Ion:180	Resp:	3315
Ion Ratio	Lower	Upper
180	100	
182	94.3	48.3 144.8
145	32.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#94

Hexachlorobutadiene

Concen: 20.845 ug/l

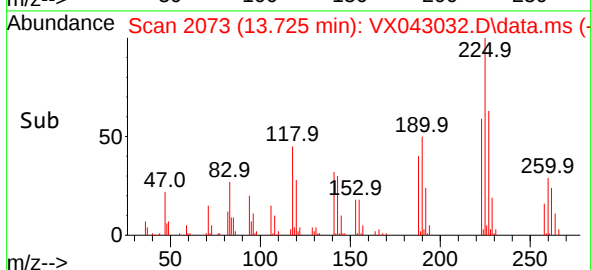
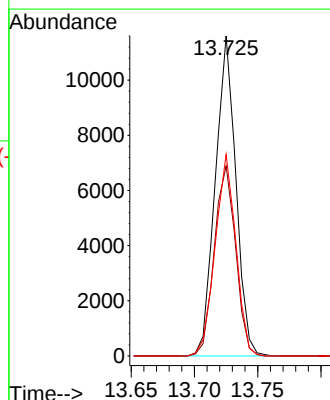
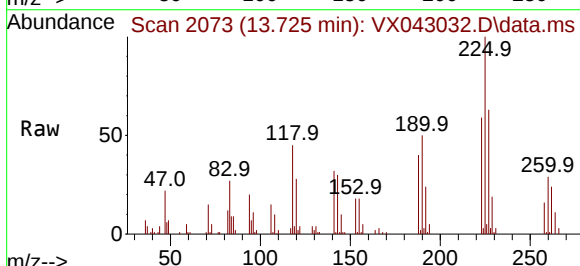
RT: 13.725 min Scan# 2073

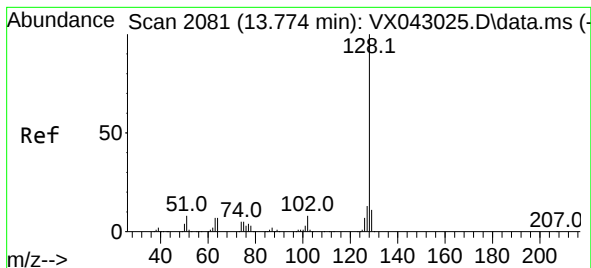
Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:225	Resp:	13112
Ion Ratio	Lower	Upper
225	100	
223	61.5	31.1 93.2
227	63.3	32.5 97.5





#95

Naphthalene

Concen: 19.291 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

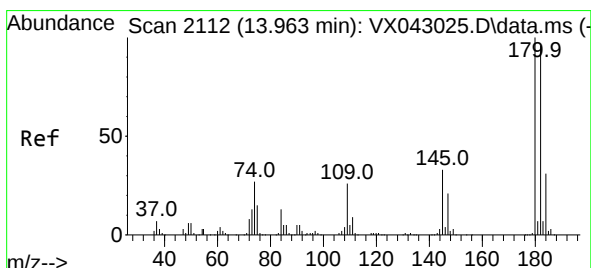
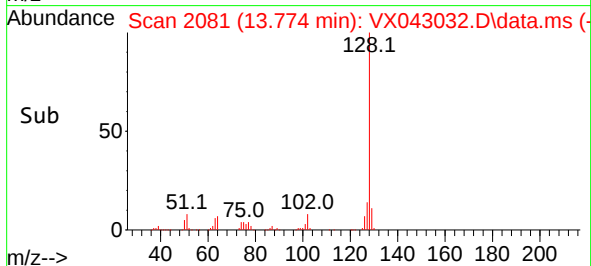
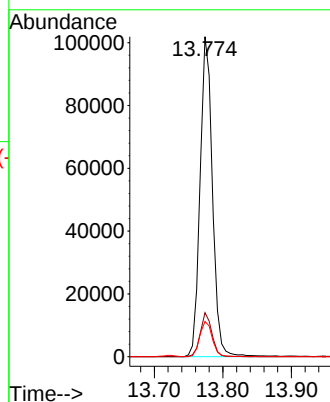
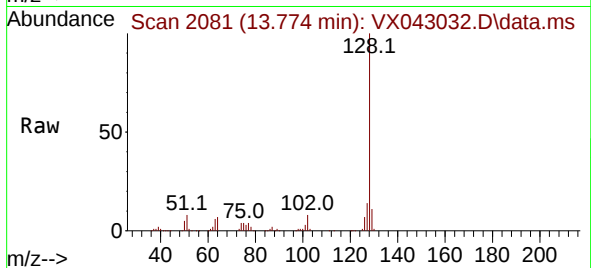
Tgt Ion:	128	Resp:	12842
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.762 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043032.D

Acq: 14 Aug 2024 15:29

Tgt Ion:	180	Resp:	34072
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.9	140.6
145	33.2	17.8	53.5

