

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041104.D
 Acq On : 16 Apr 2024 14:56
 Operator : JC/MD
 Sample : P2076-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240410075-02-VOA

Quant Time: Apr 17 02:11:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	185223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	275360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100177	50.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.180%			
35) Dibromofluoromethane	5.385	113	89023	48.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.800%			
50) Toluene-d8	8.647	98	319259	49.551	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.100%			
62) 4-Bromofluorobenzene	11.079	95	125753	51.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	656	0.447	ug/l	76
4) Vinyl Chloride	1.374	62	794	0.424	ug/l #	86
6) Chloroethane	1.697	64	1242	1.005	ug/l #	88
8) Diethyl Ether	2.136	74	13198	11.450	ug/l	90
11) Tert butyl alcohol	2.953	59	107411	274.555	ug/l #	91
13) Acrolein	2.227	56	185	0.376	ug/l #	1
14) Allyl chloride	2.642	41	1493	0.565	ug/l #	44
16) Acetone	2.380	43	11345	13.497	ug/l	96
17) Carbon Disulfide	2.514	76	1506	0.405	ug/l #	94
18) Methyl Acetate	2.526	43	1461	0.696	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	2947	0.583	ug/l #	79
24) 1,1-Dichloroethane	3.617	63	1777	0.599	ug/l #	83
25) 2-Butanone	4.568	43	7060	5.346	ug/l #	87
26) 2,2-Dichloropropane	4.562	77	7132	3.031	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	1209	0.597	ug/l	89
28) Bromochloromethane	5.001	49	257	Below Cal	#	16
29) Tetrahydrofuran	5.001	42	152633	174.577	ug/l	96
36) 1,1-Dichloropropene	5.550	75	11664	5.009	ug/l #	51
37) Ethyl Acetate	4.568	43	7060	2.539	ug/l #	26
38) Carbon Tetrachloride	5.550	117	15788	5.847	ug/l #	16
40) Benzene	6.043	78	12670	1.782	ug/l	99
41) Methacrylonitrile	5.007	41	87822	60.255	ug/l #	48
43) Isopropyl Acetate	6.342	43	1453	0.352	ug/l #	62
44) Trichloroethene	7.123	130	1427	0.676	ug/l	72
49) 1,4-Dioxane	7.659	88	8844	187.752	ug/l #	92
51) 4-Methyl-2-Pentanone	8.549	43	2982	1.063	ug/l #	37
52) Toluene	8.720	92	8588	1.851	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	665	0.268	ug/l #	43
59) 2-Hexanone	9.561	43	1274	0.587	ug/l	80
65) Chlorobenzene	10.079	112	50082	8.372	ug/l	98
67) Ethyl Benzene	10.195	91	38297	4.103	ug/l	98
68) m/p-Xylenes	10.299	106	19623	5.285	ug/l	91
69) o-Xylene	10.640	106	16837	4.659	ug/l	94
70) Styrene	10.652	104	2542	0.414	ug/l #	4
73) Isopropylbenzene	10.963	105	13007	1.379	ug/l	97
74) N-amyl acetate	10.896	43	1963	0.525	ug/l #	44

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

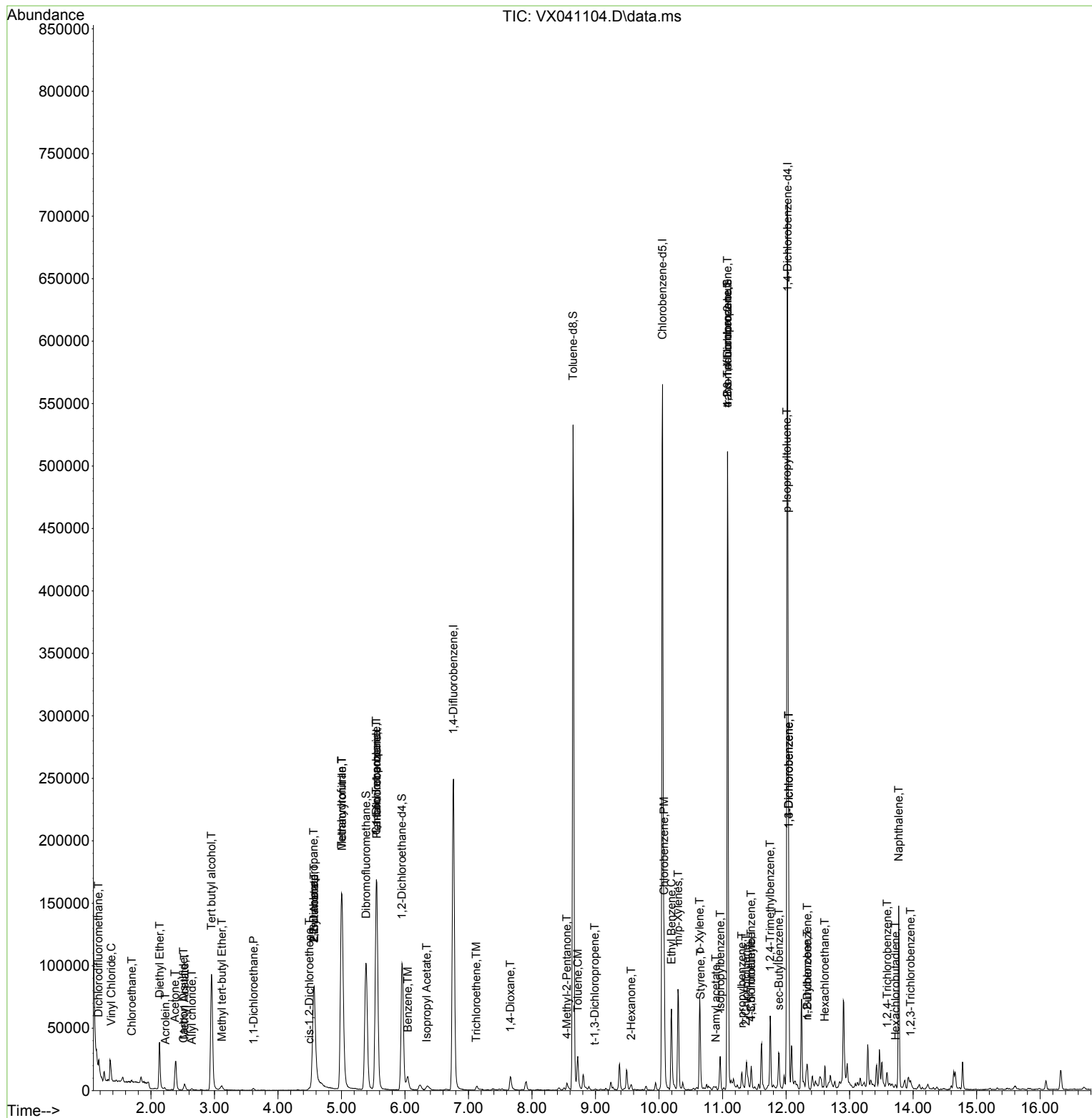
76) 1,2,3-Trichloropropane	11.079	75	62079	23.828	ug/l #	39
78) n-propylbenzene	11.305	91	5842	0.552	ug/l	100
79) 2-Chlorotoluene	11.366	91	5886	0.913	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	6559	0.835	ug/l	88
81) trans-1,4-Dichloro-2-b...	11.079	75	62079	61.015	ug/l #	5
82) 4-Chlorotoluene	11.451	91	2123	0.283	ug/l	87
84) 1,2,4-Trimethylbenzene	11.750	105	26884	3.429	ug/l	91
85) sec-Butylbenzene	11.890	105	2565	0.255	ug/l #	67
86) p-Isopropyltoluene	12.012	119	8096	0.907	ug/l	95
87) 1,3-Dichlorobenzene	12.042	146	53322	10.209	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	53322	9.681	ug/l	96
89) n-Butylbenzene	12.335	91	3143	0.415	ug/l #	64
90) Hexachloroethane	12.609	117	935	0.619	ug/l #	17
91) 1,2-Dichlorobenzene	12.335	146	3976	0.767	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1924	0.494	ug/l	94
94) Hexachlorobutadiene	13.725	225	413	0.222	ug/l	78
95) Naphthalene	13.774	128	91680	8.714	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1322	0.342	ug/l	88

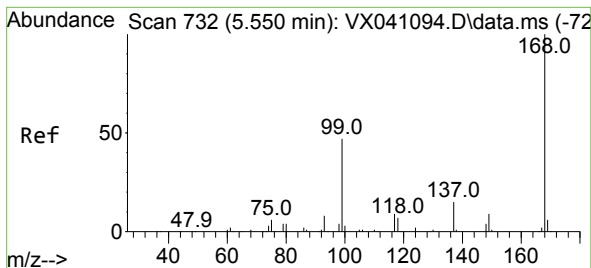
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

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Instrument :

MSVOA_X

ClientSampleId :

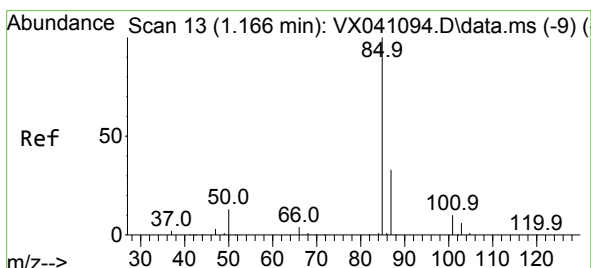
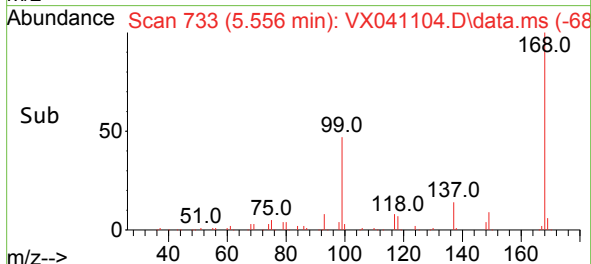
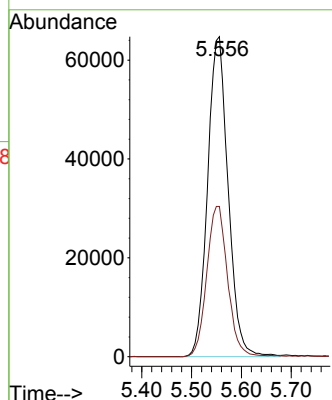
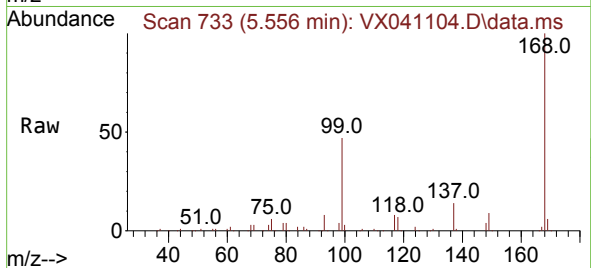
240410075-02-VOA

Tgt Ion:168 Resp: 185223

Ion Ratio Lower Upper

168 100

99 46.9 56.6 85.0#



#2

Dichlorodifluoromethane

Concen: 0.447 ug/l

RT: 1.172 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX041104.D

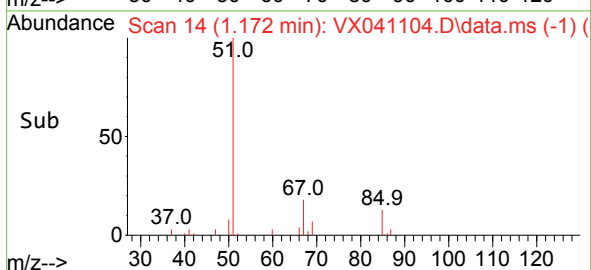
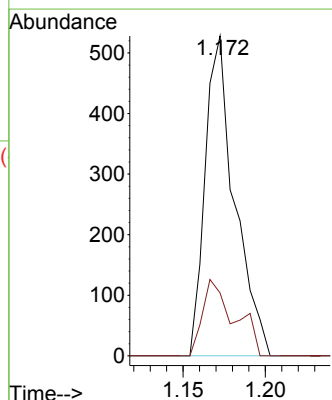
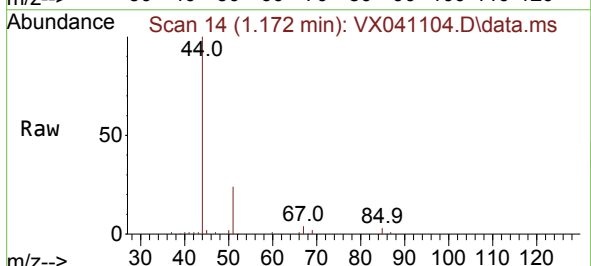
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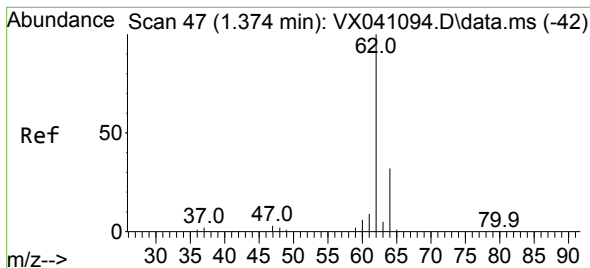
Tgt Ion: 85 Resp: 656

Ion Ratio Lower Upper

85 100

87 19.7 16.7 50.1





#4

Vinyl Chloride

Concen: 0.424 ug/l

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

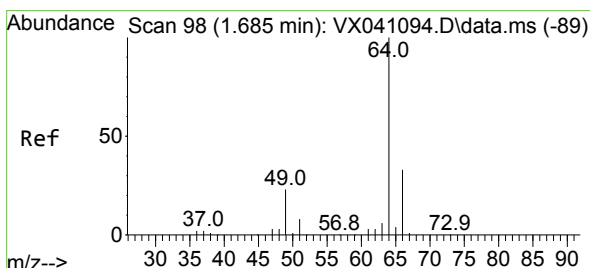
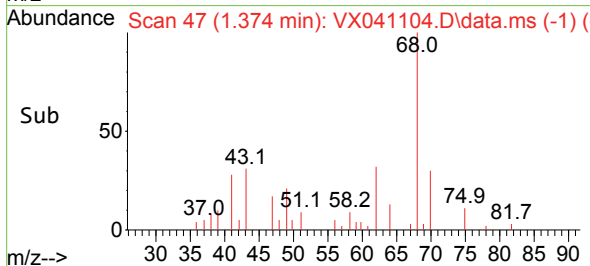
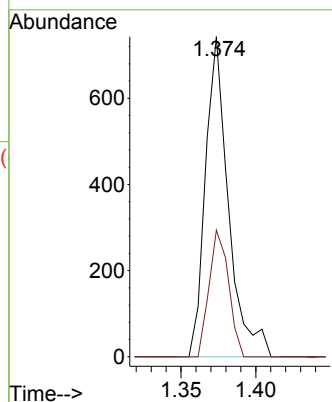
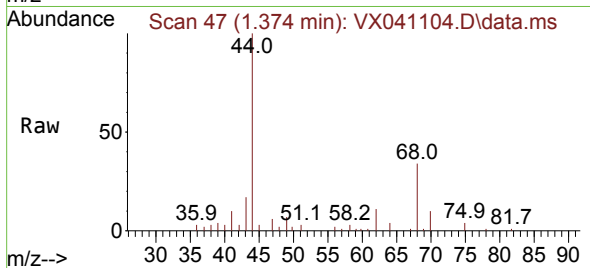
240410075-02-VOA

Tgt Ion: 62 Resp: 794

Ion Ratio Lower Upper

62 100

64 39.6 25.4 38.0#



#6

Chloroethane

Concen: 1.005 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.012 min

Lab File: VX041104.D

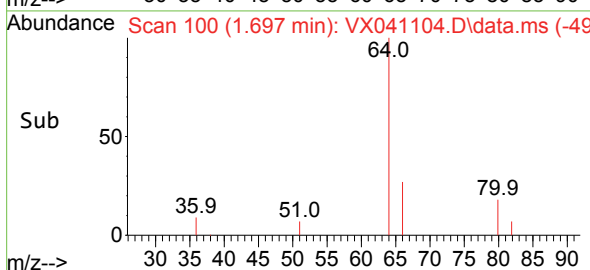
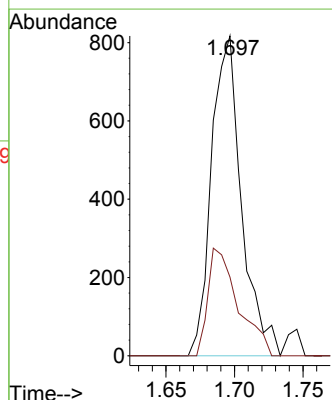
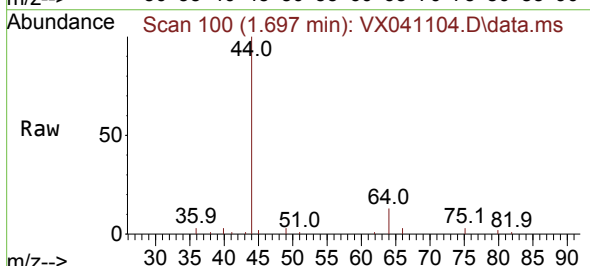
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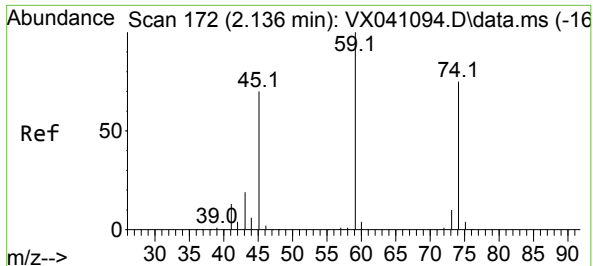
Tgt Ion: 64 Resp: 1242

Ion Ratio Lower Upper

64 100

66 24.6 25.1 37.7#

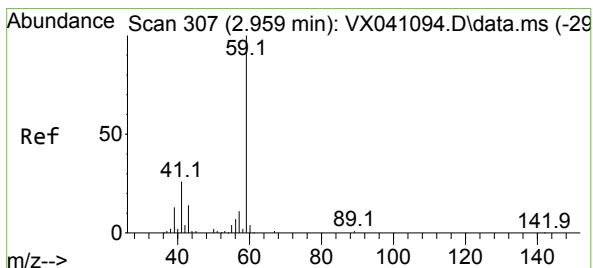
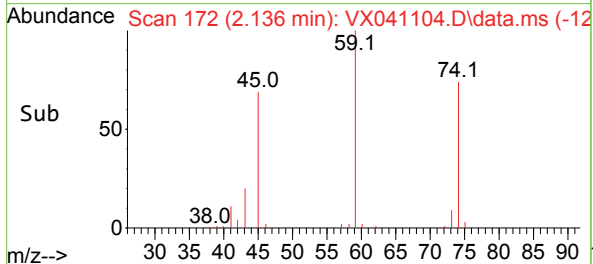
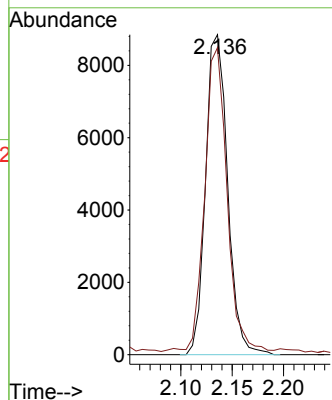
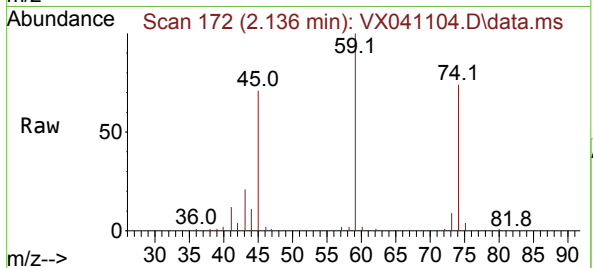




#8
Diethyl Ether
Concen: 11.450 ug/l
RT: 2.136 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

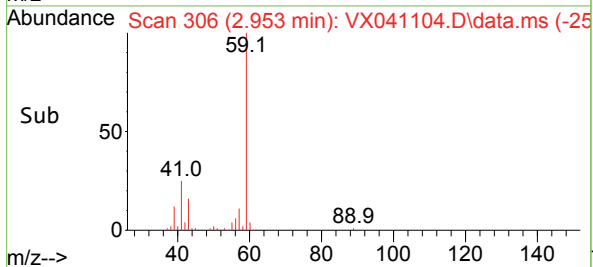
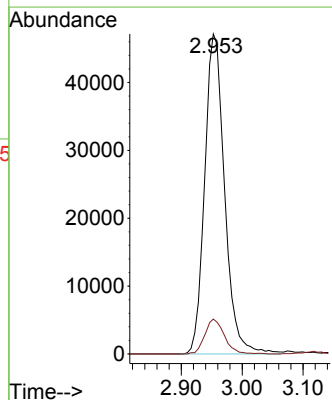
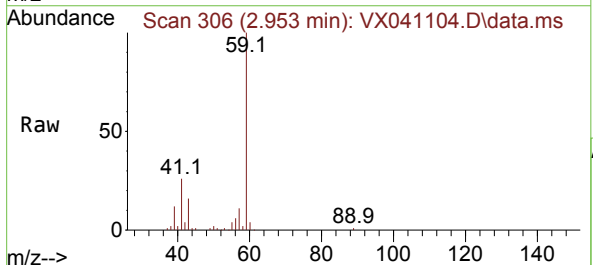
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

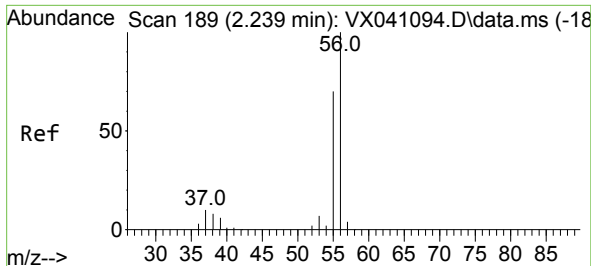
Tgt Ion: 74 Resp: 13198
Ion Ratio Lower Upper
74 100
45 95.7 53.3 159.8



#11
Tert butyl alcohol
Concen: 274.555 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 59 Resp: 107411
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0#





#13

Acrolein

Concen: 0.376 ug/l

RT: 2.227 min Scan# 189

Delta R.T. -0.012 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

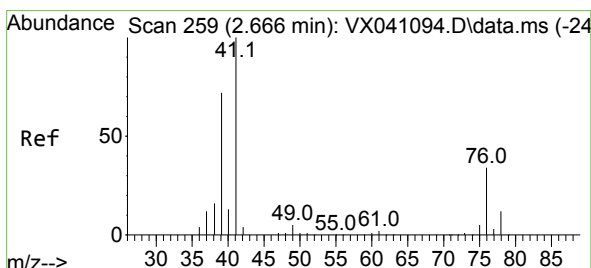
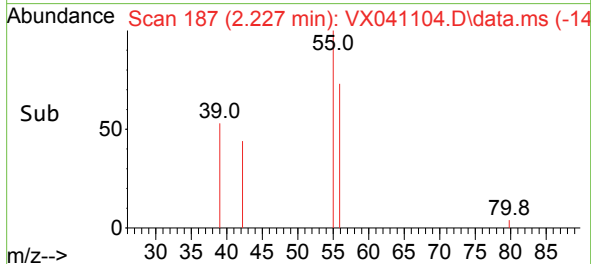
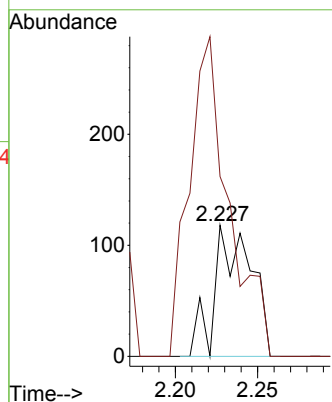
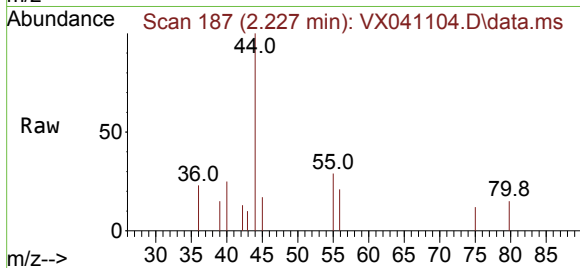
240410075-02-VOA

Tgt Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 261.1 57.1 85.7#



#14

Allyl chloride

Concen: 0.565 ug/l

RT: 2.642 min Scan# 255

Delta R.T. -0.024 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

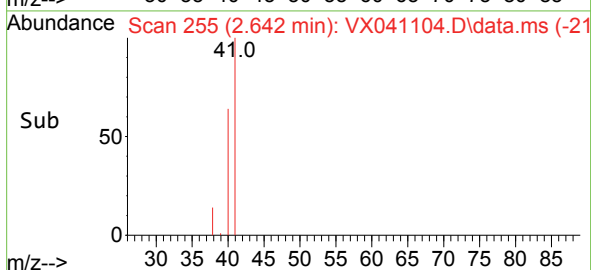
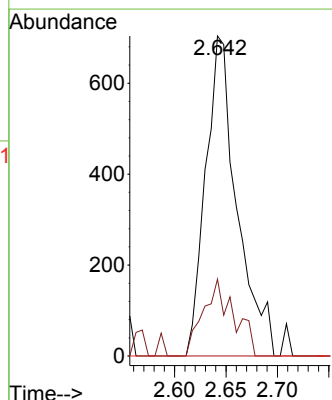
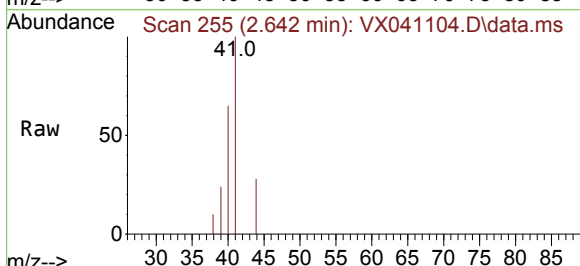
Tgt Ion: 41 Resp: 1493

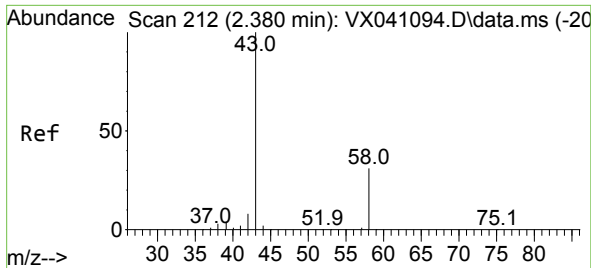
Ion Ratio Lower Upper

41 100

39 23.4 55.8 83.6#

76 0.0 24.3 36.5#

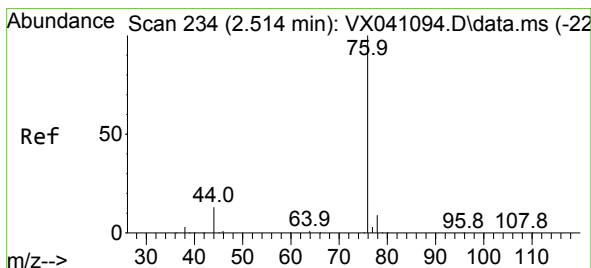
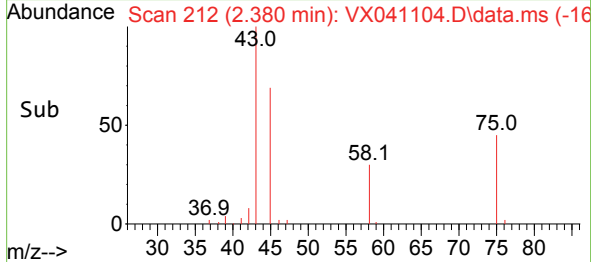
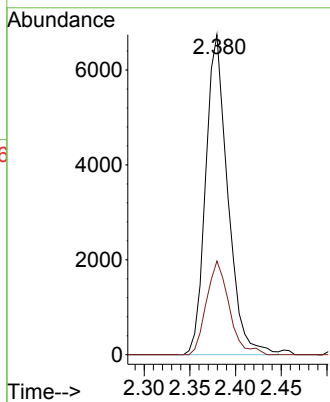
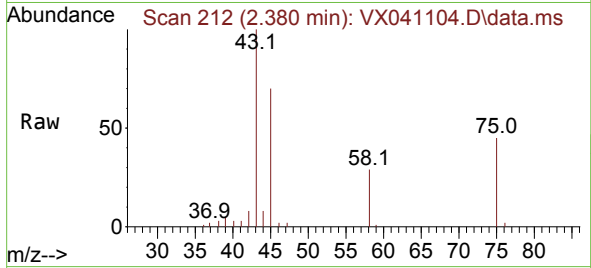




#16
Acetone
Concen: 13.497 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

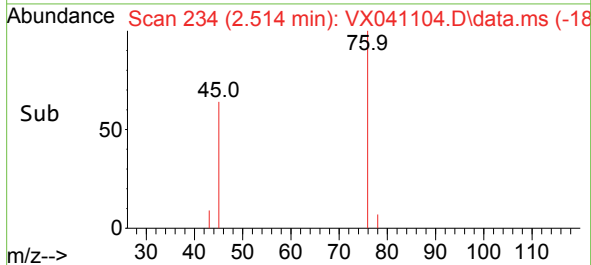
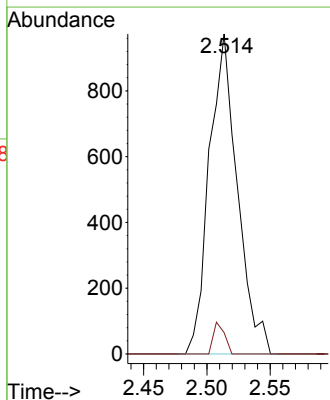
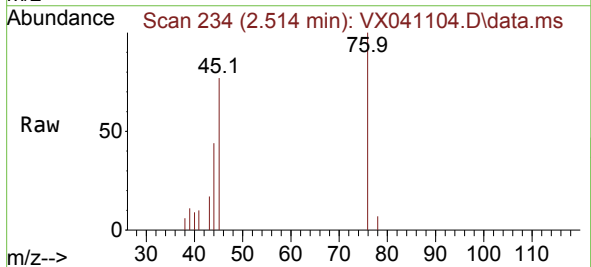
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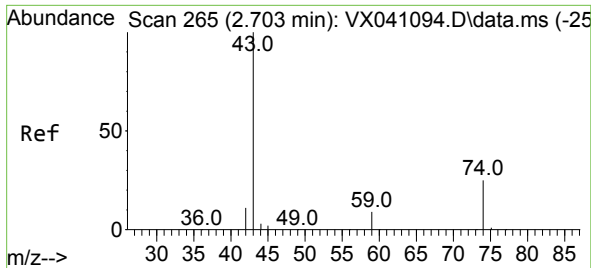
Tgt Ion: 43 Resp: 11345
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.405 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 76 Resp: 1506
Ion Ratio Lower Upper
76 100
78 6.7 7.0 10.6#

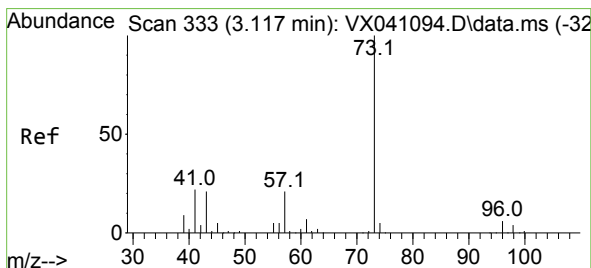
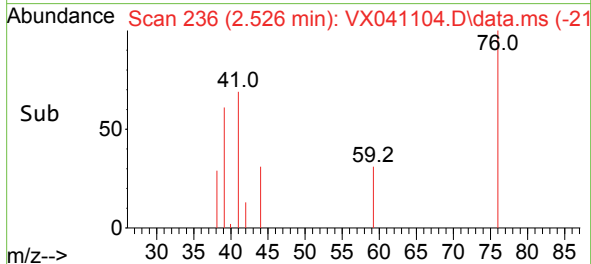
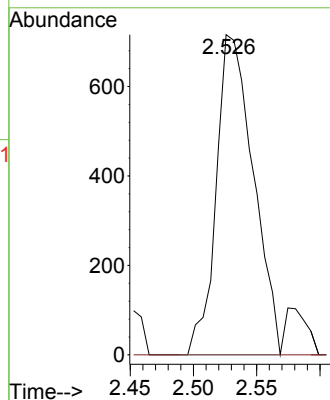
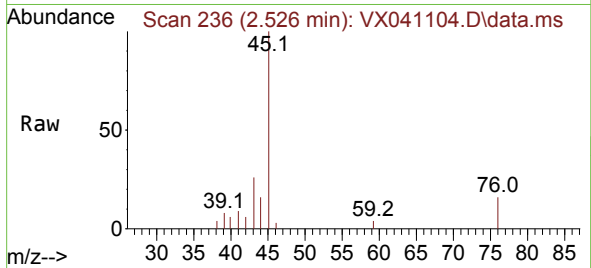




#18
Methyl Acetate
Concen: 0.696 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.177 min
Lab File: VX041104.D
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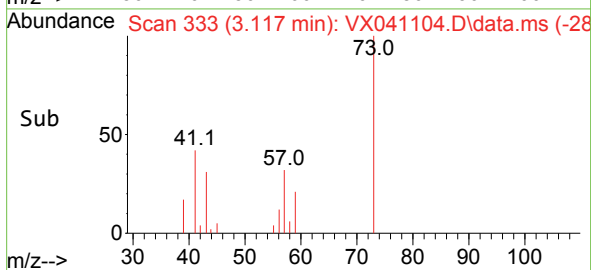
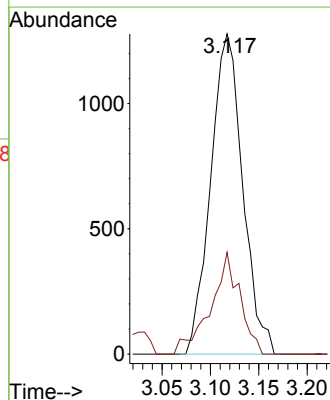
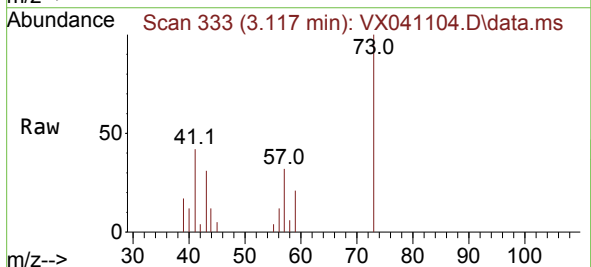
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ClientSampleId :
240410075-02-VOA

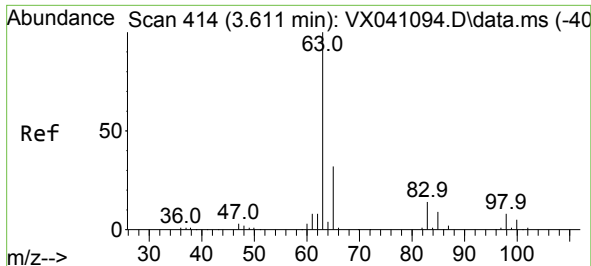
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 0.583 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 73 Resp: 2947
Ion Ratio Lower Upper
73 100
57 31.8 17.3 25.9#





#24

1,1-Dichloroethane

Concen: 0.599 ug/l

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

240410075-02-VOA

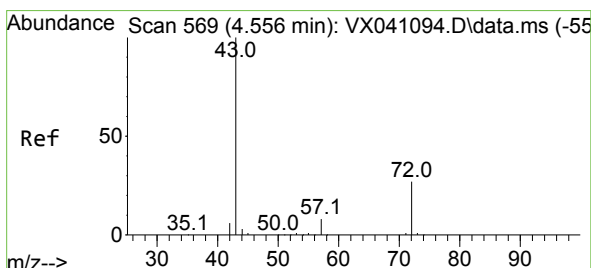
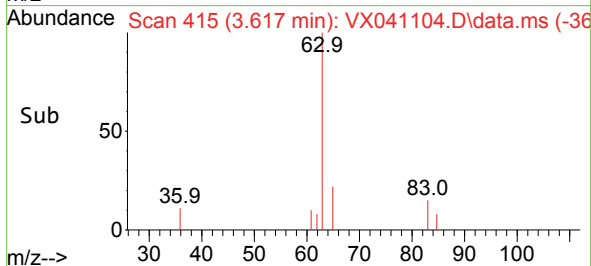
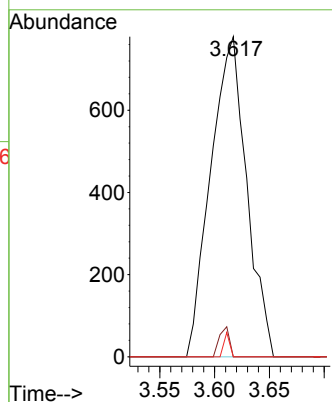
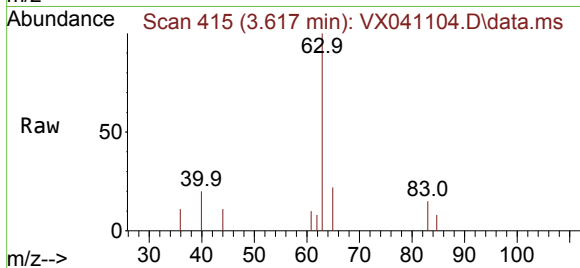
Tgt Ion: 63 Resp: 1777

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#



#25

2-Butanone

Concen: 5.346 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX041104.D

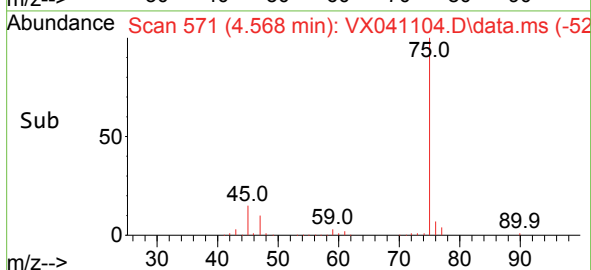
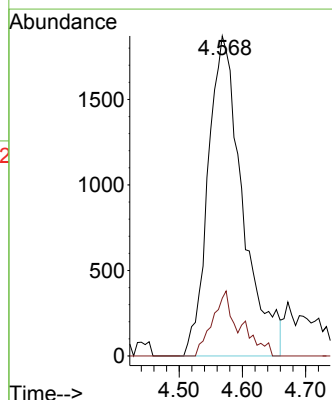
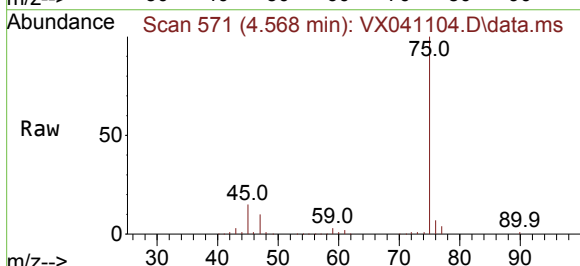
Acq: 16 Apr 2024 14:56

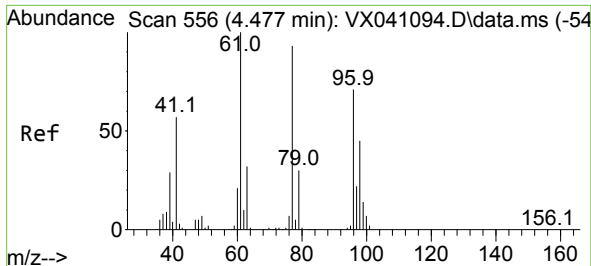
Tgt Ion: 43 Resp: 7060

Ion Ratio Lower Upper

43 100

72 18.1 19.4 29.2#

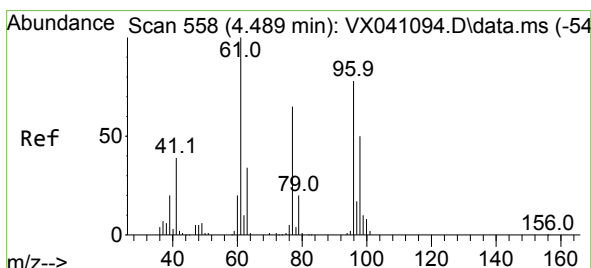
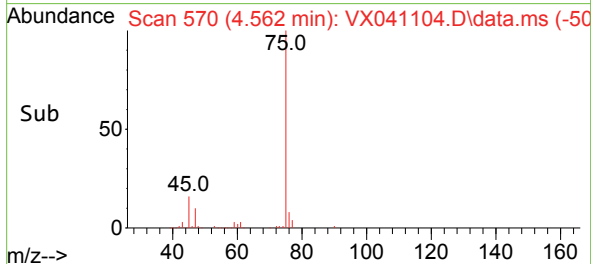
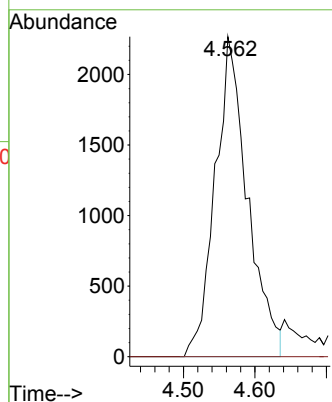
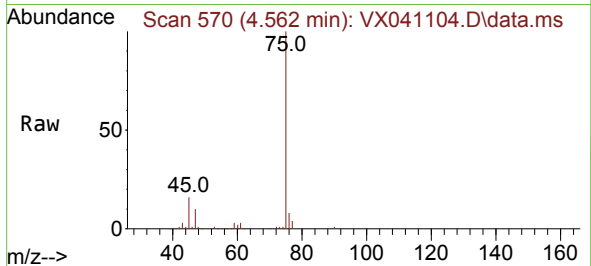




#26
2,2-Dichloropropane
Concen: 3.031 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

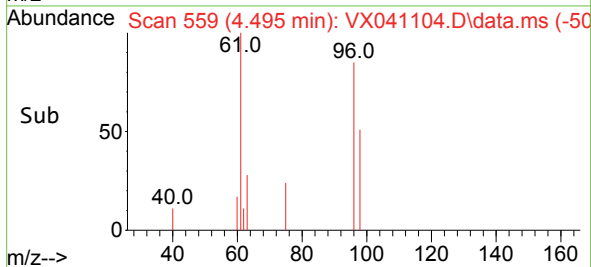
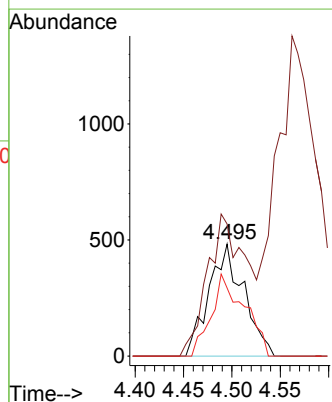
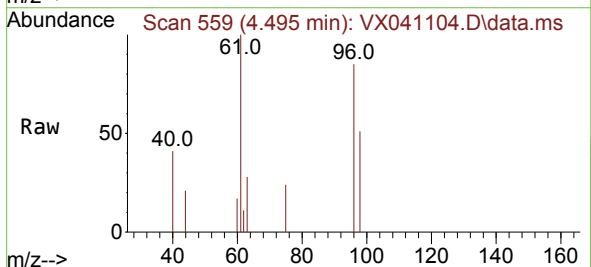
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

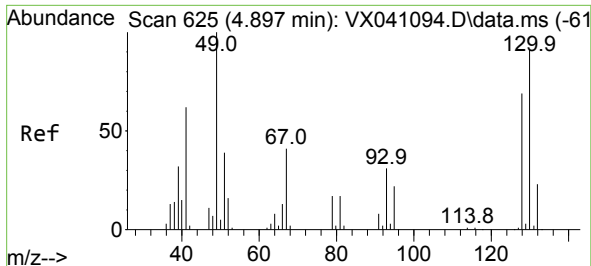
Tgt Ion: 77 Resp: 7132
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#27
cis-1,2-Dichloroethene
Concen: 0.597 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 96 Resp: 1209
Ion Ratio Lower Upper
96 100
61 140.0 0.0 312.2
98 69.6 0.0 129.0

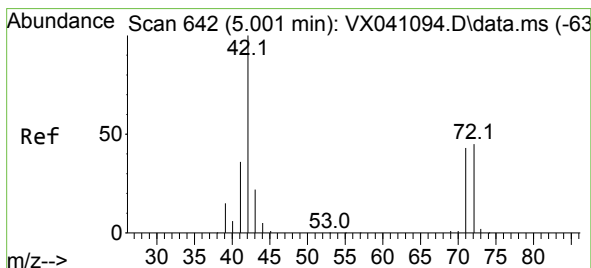
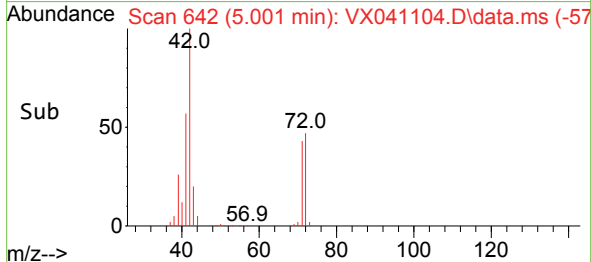
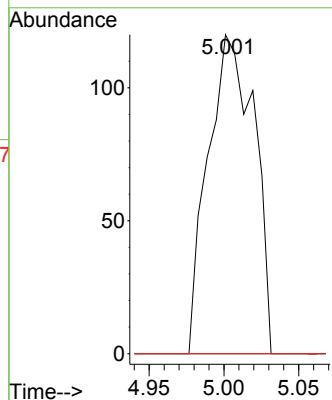
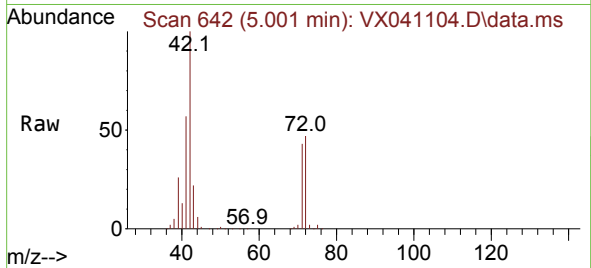




#28
Bromochloromethane
Concen: Below Cal
RT: 5.001 min Scan# 642
Delta R.T. 0.104 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

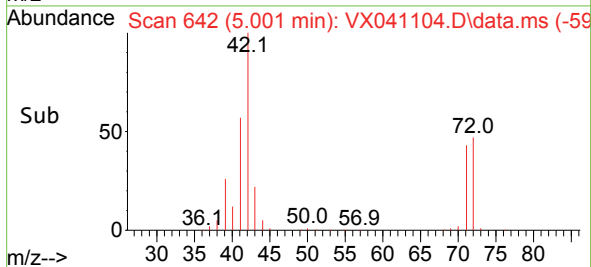
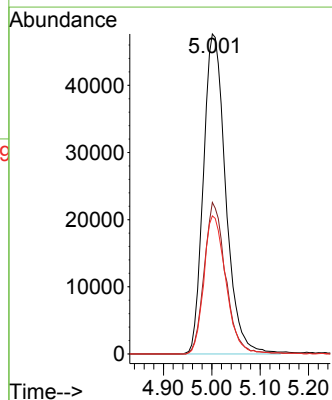
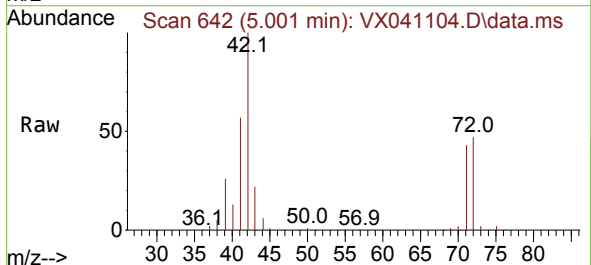
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

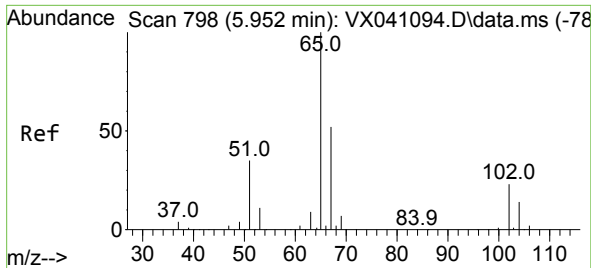
Tgt Ion: 49 Resp: 257
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#29
Tetrahydrofuran
Concen: 174.577 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 42 Resp: 152633
Ion Ratio Lower Upper
42 100
72 45.4 34.2 51.4
71 42.7 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 50.095 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

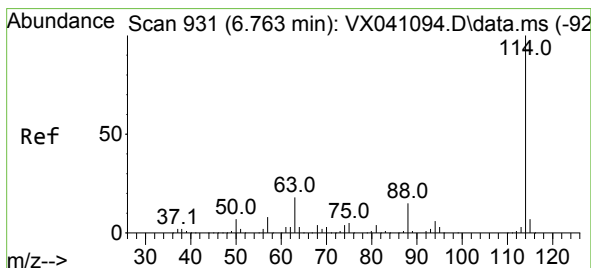
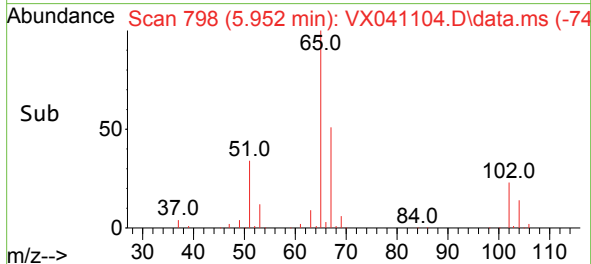
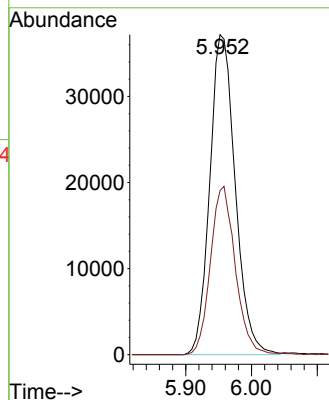
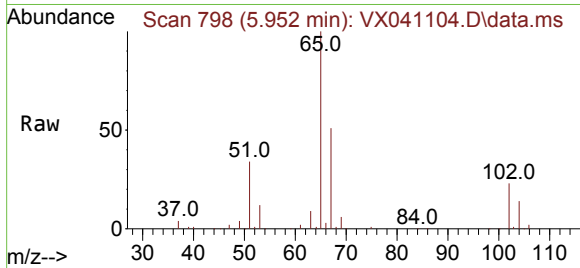
240410075-02-VOA

Tgt Ion: 65 Resp: 100177

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

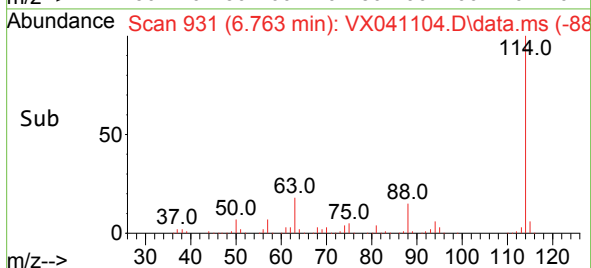
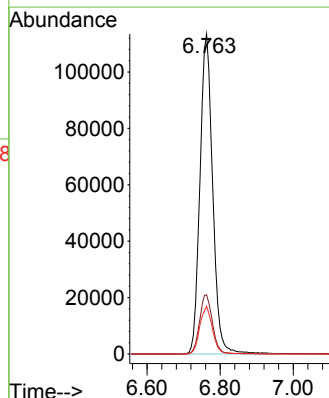
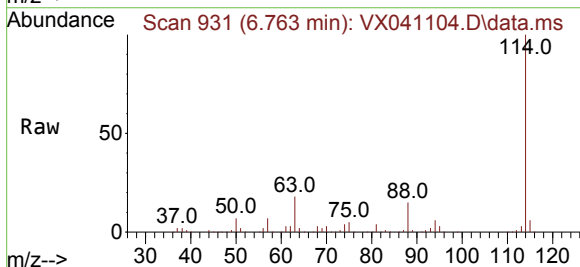
Tgt Ion: 114 Resp: 275360

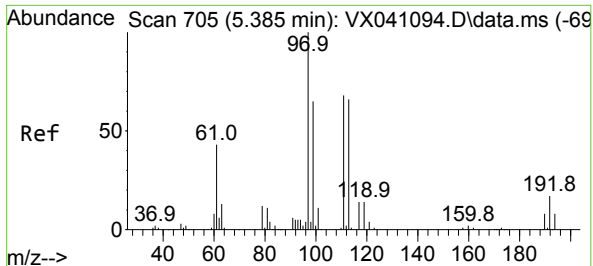
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 15.0 0.0 36.6

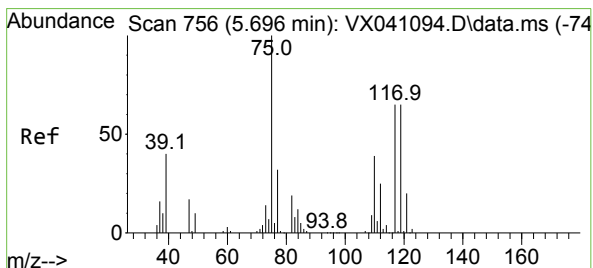
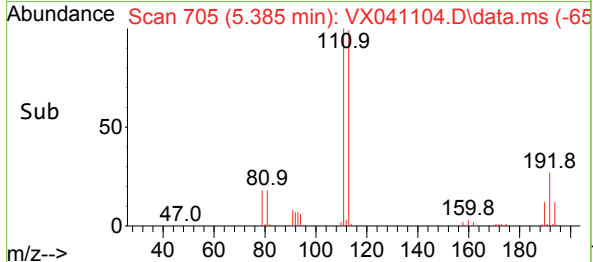
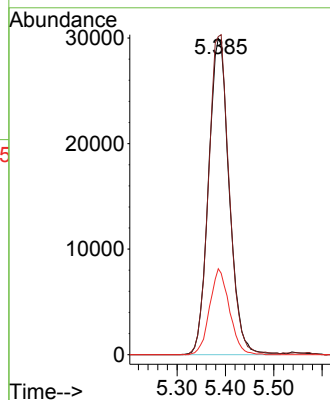
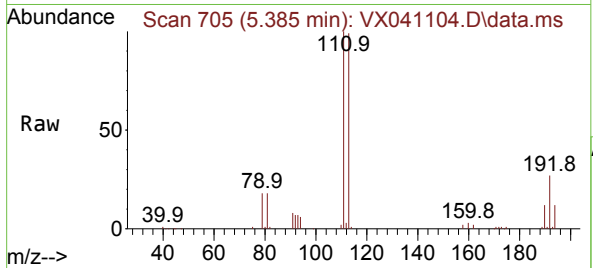




#35
Dibromofluoromethane
Concen: 48.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

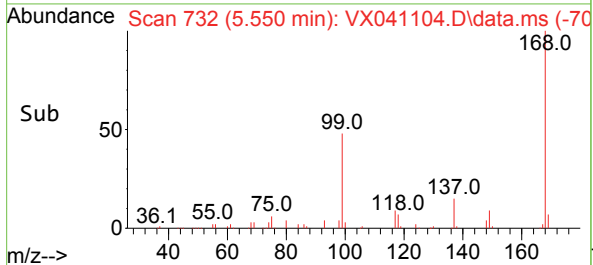
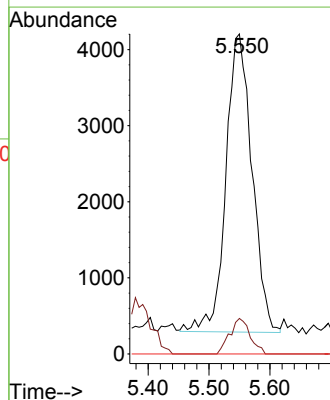
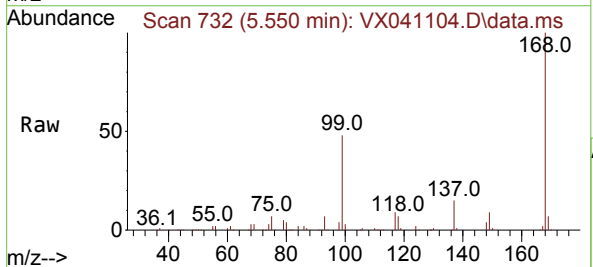
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

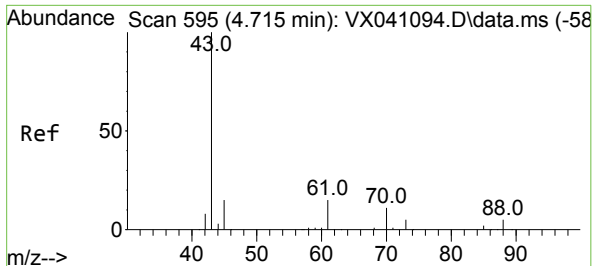
Tgt Ion:113 Resp: 89023
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 26.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 75 Resp: 11664
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.539 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX041104.D

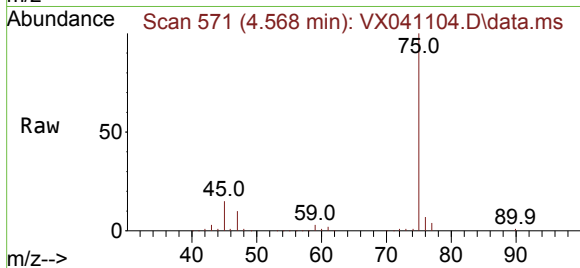
Acq: 16 Apr 2024 14:56

Instrument :

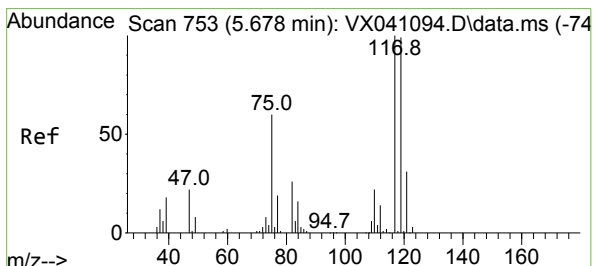
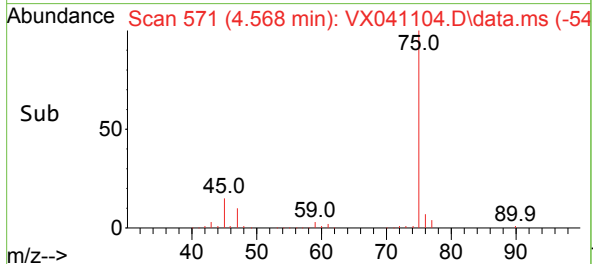
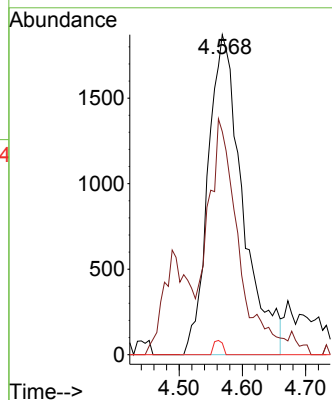
MSVOA_X

ClientSampleId :

240410075-02-VOA



Tgt Ion:	43	Resp:	7060
Ion	Ratio	Lower	Upper
43	100		
61	58.6	10.6	16.0#
70	1.2	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.847 ug/l

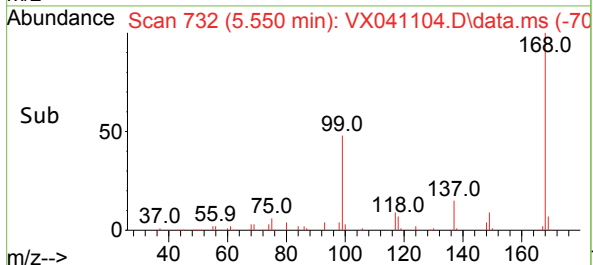
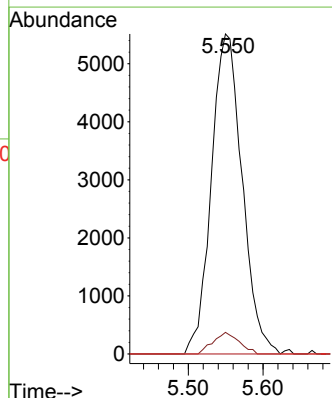
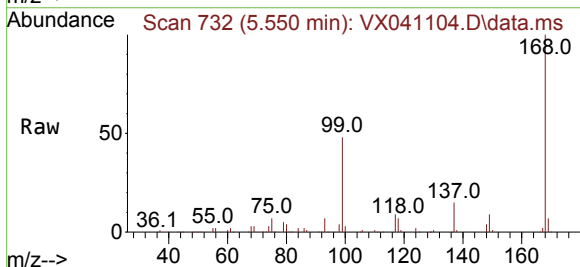
RT: 5.550 min Scan# 732

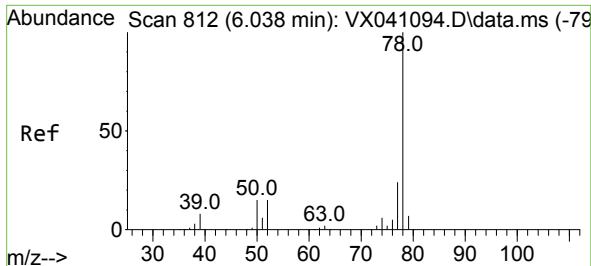
Delta R.T. -0.128 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Tgt Ion:	117	Resp:	15788
Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.2	117.2#
121	0.0	24.4	36.6#





#40

Benzene

Concen: 1.782 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

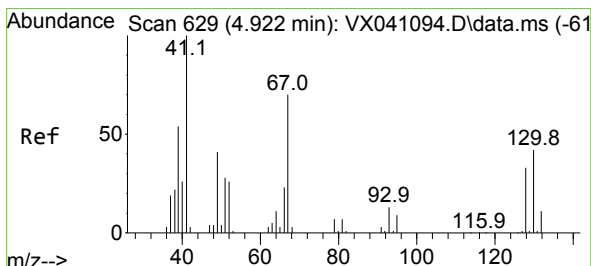
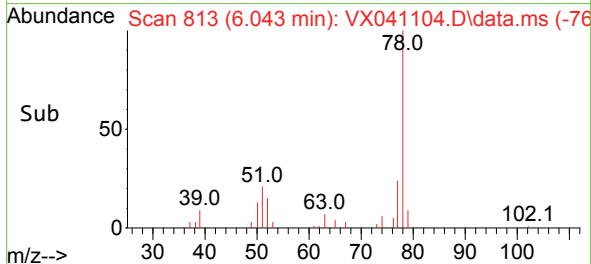
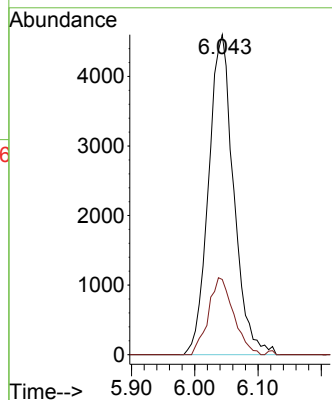
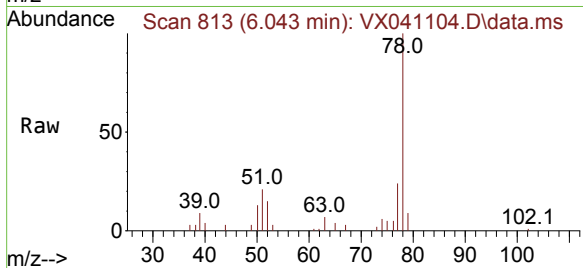
240410075-02-VOA

Tgt Ion: 78 Resp: 12670

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9



#41

Methacrylonitrile

Concen: 60.255 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.085 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Tgt Ion: 41 Resp: 87822

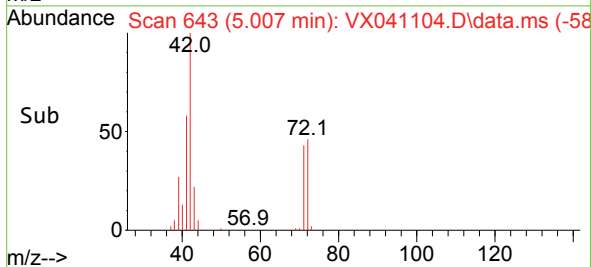
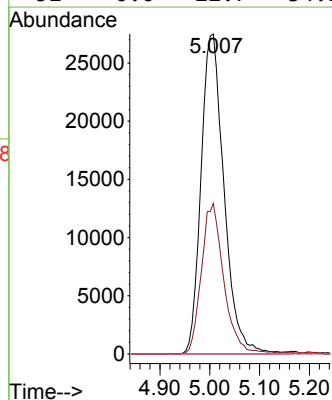
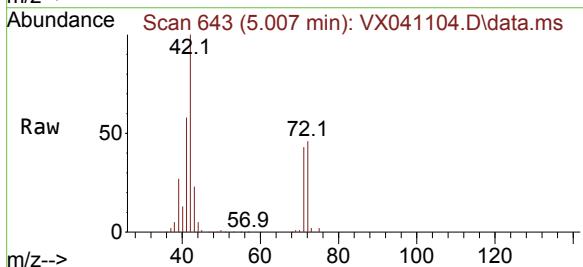
Ion Ratio Lower Upper

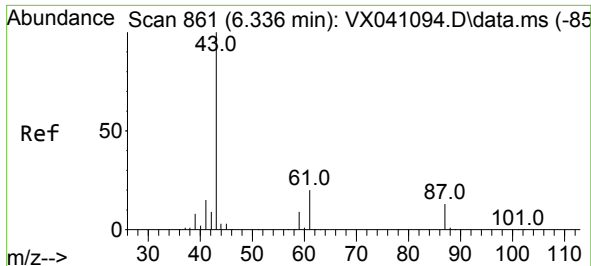
41 100

39 46.0 45.2 67.8

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#

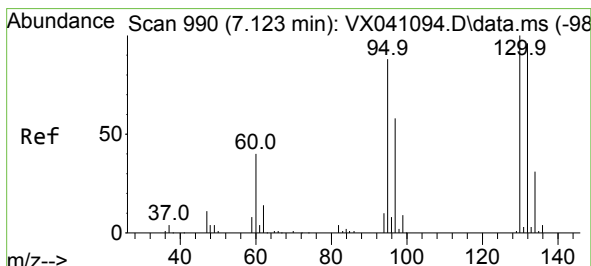
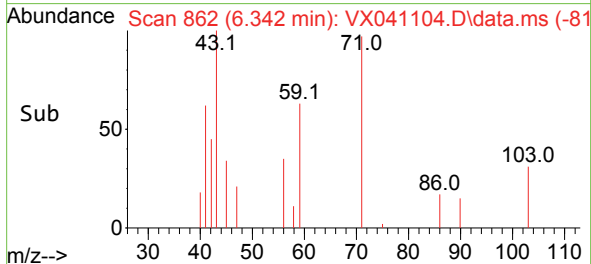
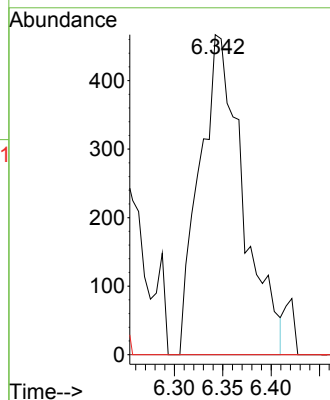
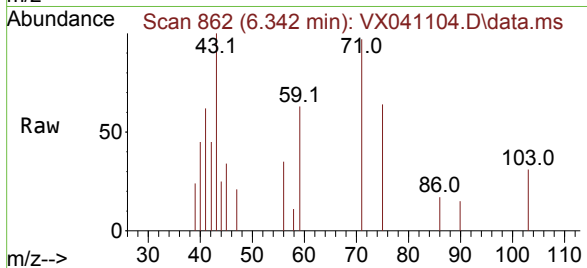




#43
Isopropyl Acetate
Concen: 0.352 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

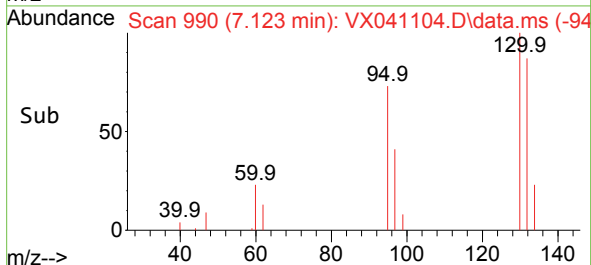
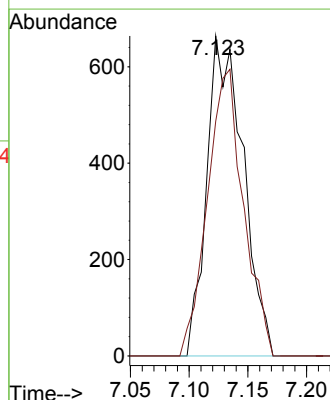
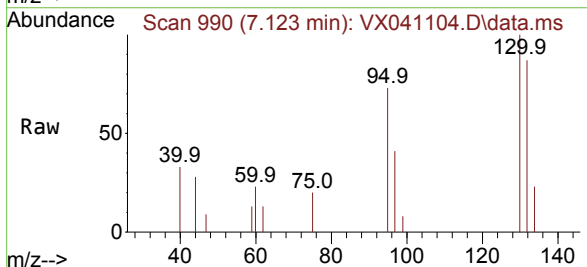
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

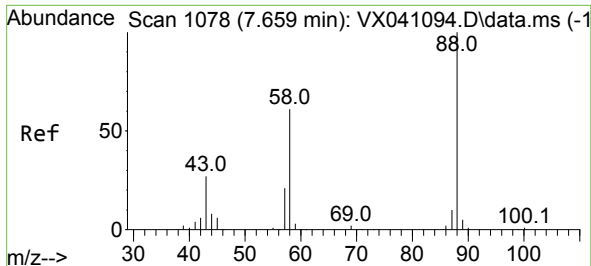
Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.676 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 130 Resp: 1427
Ion Ratio Lower Upper
130 100
95 73.3 0.0 204.4

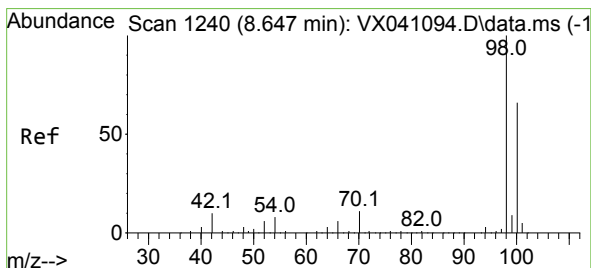
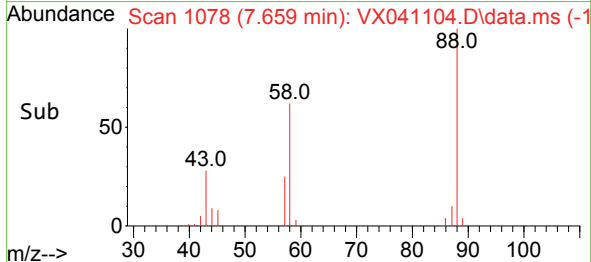
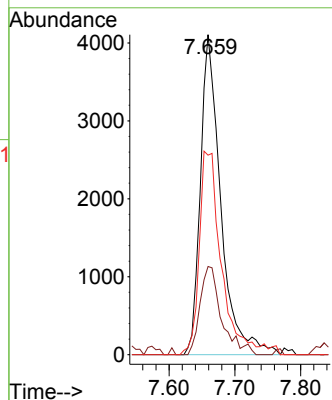
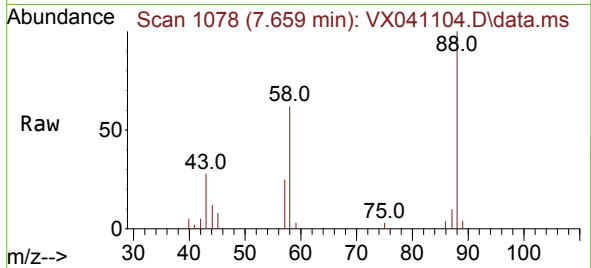




#49
1,4-Dioxane
Concen: 187.752 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

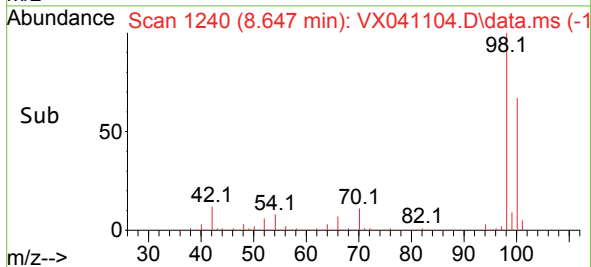
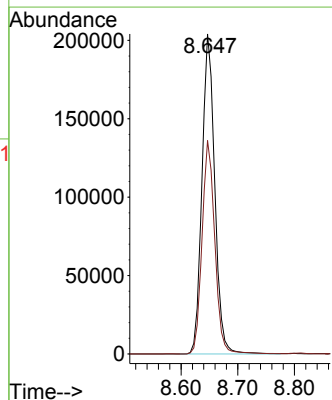
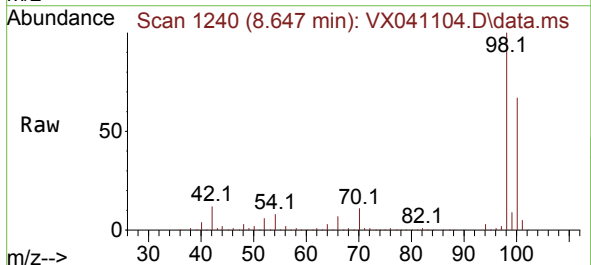
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

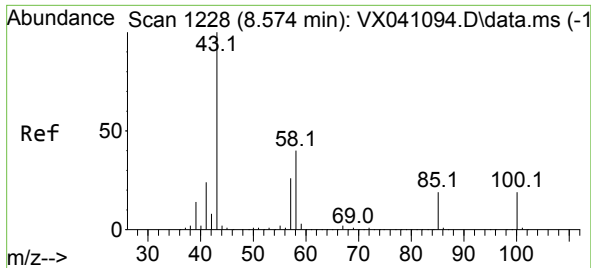
Tgt Ion: 88 Resp: 8844
Ion Ratio Lower Upper
88 100
43 29.0 0.0 0.0#
58 68.0 60.1 90.1



#50
Toluene-d8
Concen: 49.551 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 98 Resp: 319259
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

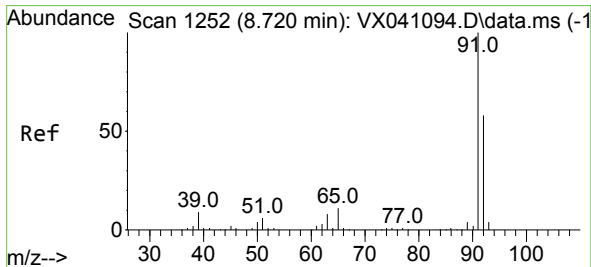
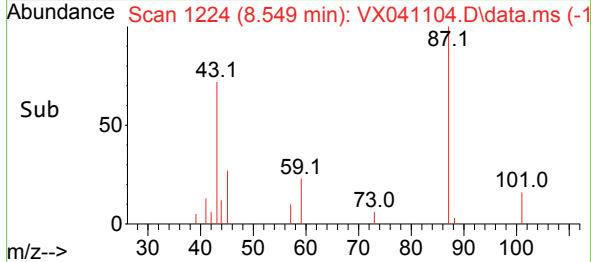
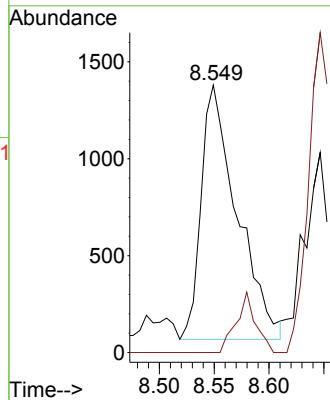
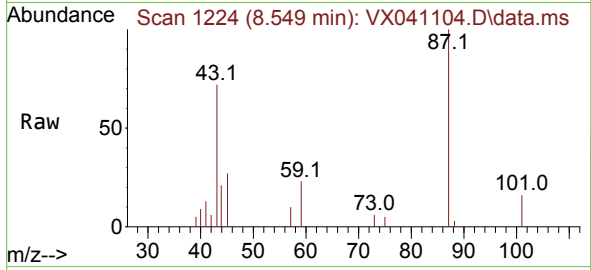




#51
4-Methyl-2-Pentanone
Concen: 1.063 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

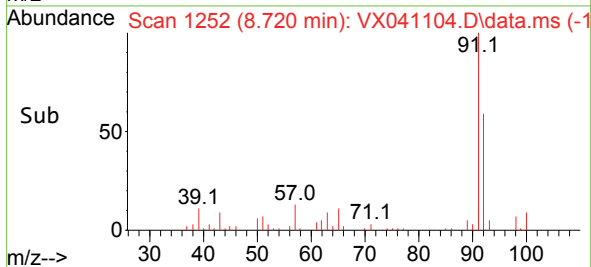
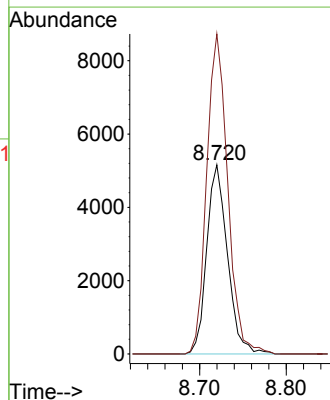
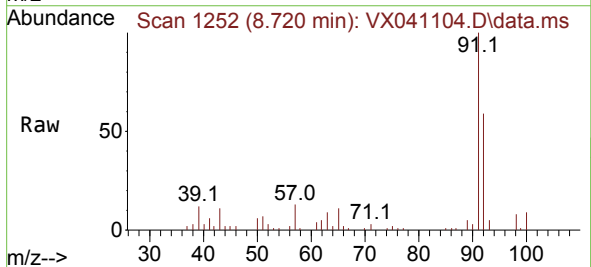
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

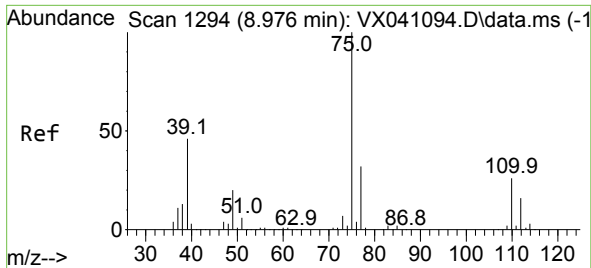
Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 1.851 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 92 Resp: 8588
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2

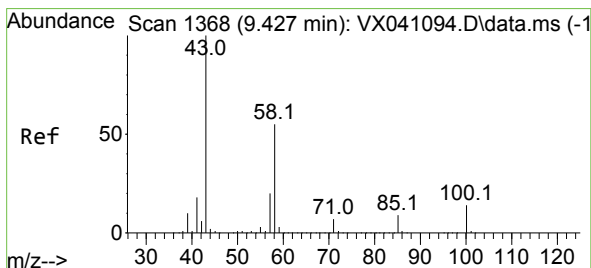
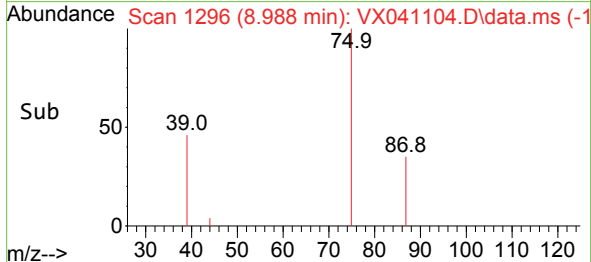
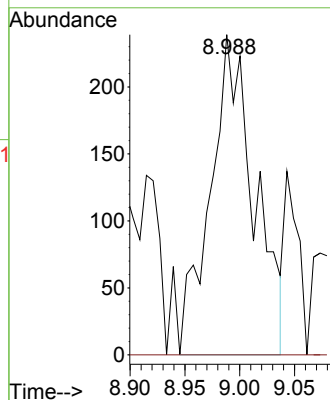
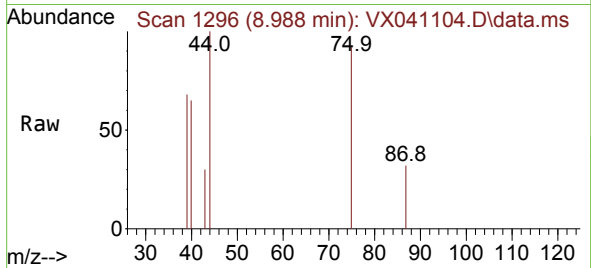




#53
t-1,3-Dichloropropene
Concen: 0.268 ug/l
RT: 8.988 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

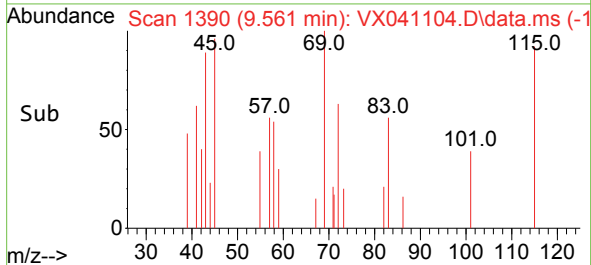
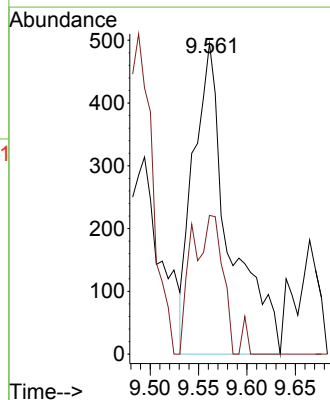
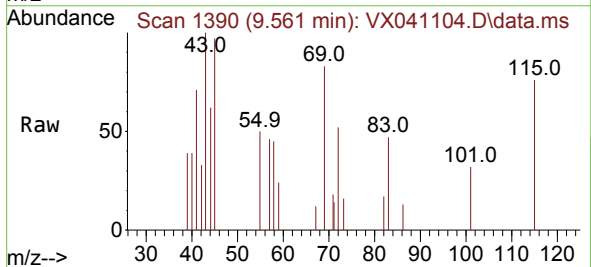
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

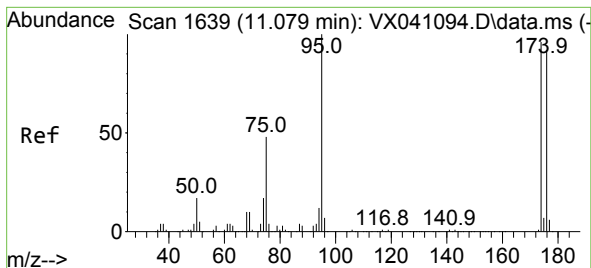
Tgt Ion: 75 Resp: 665
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 0.587 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.134 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 38.1 26.2 78.5

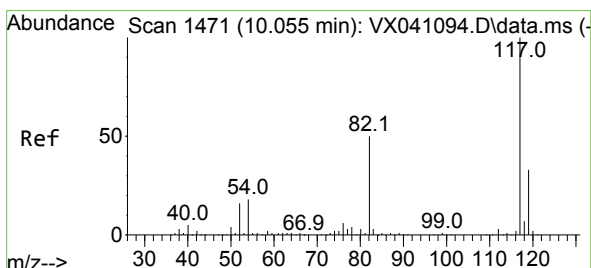
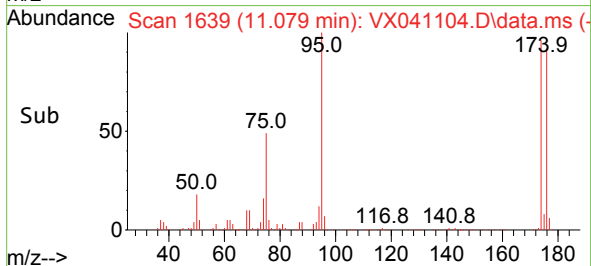
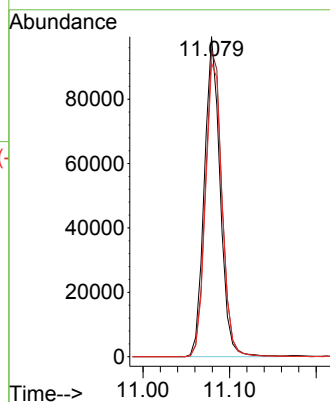
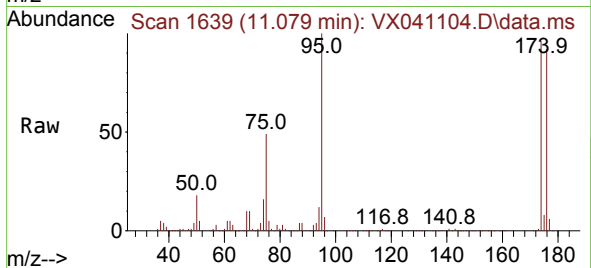




#62
4-Bromofluorobenzene
Concen: 51.415 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

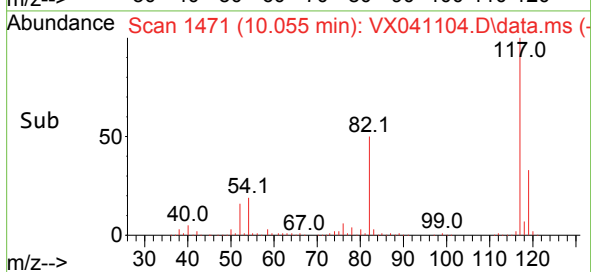
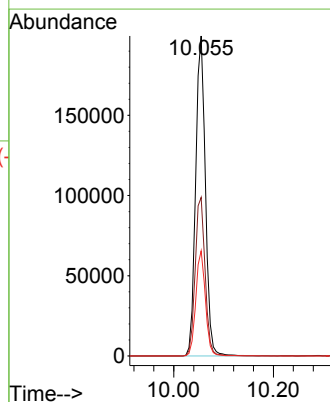
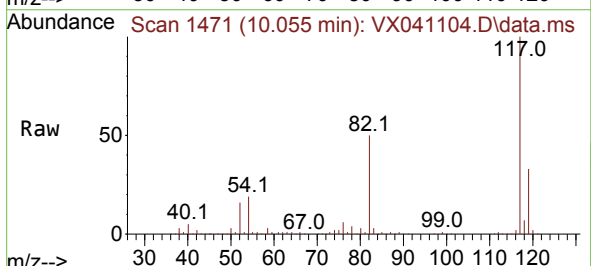
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

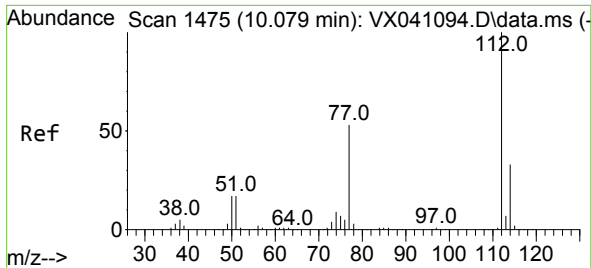
Tgt Ion: 95 Resp: 125753
Ion Ratio Lower Upper
95 100
174 100.4 0.0 135.6
176 96.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 117 Resp: 270984
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 32.8 25.5 38.3

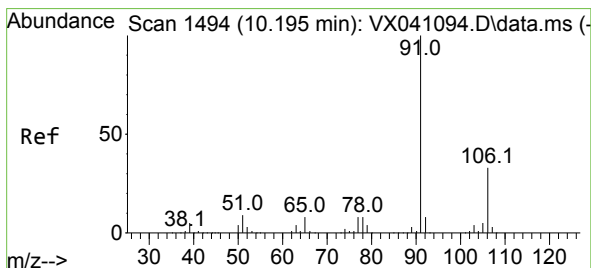
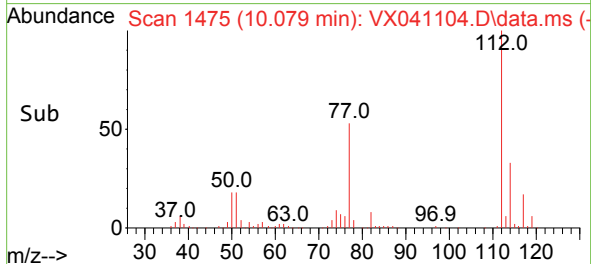
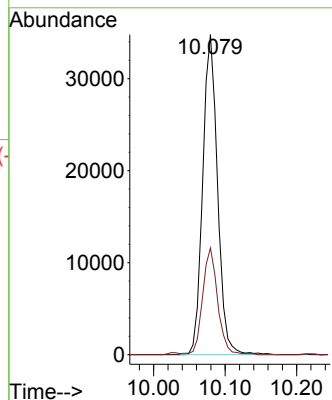
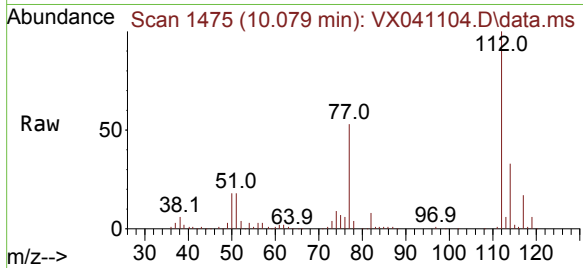




#65
Chlorobenzene
Concen: 8.372 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

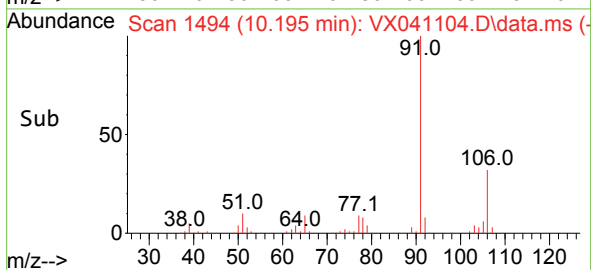
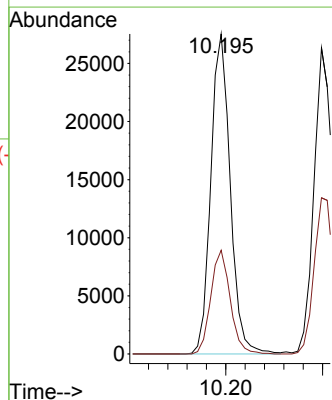
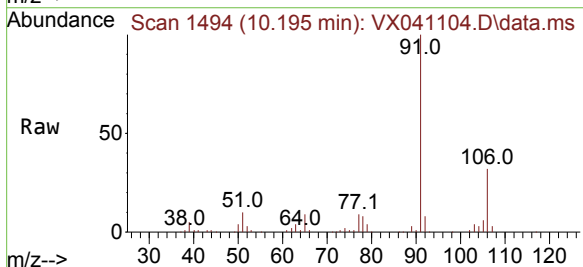
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

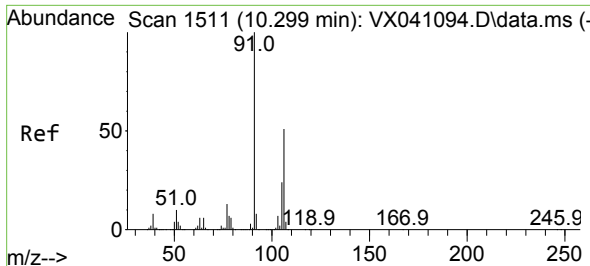
Tgt Ion:112 Resp: 50082
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#67
Ethyl Benzene
Concen: 4.103 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 91 Resp: 38297
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

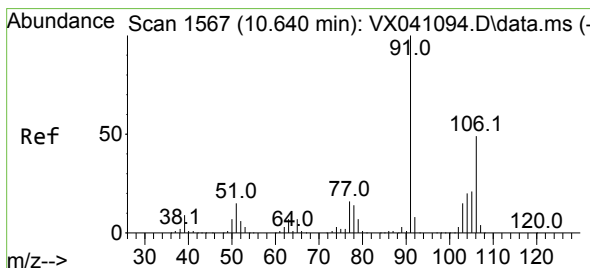
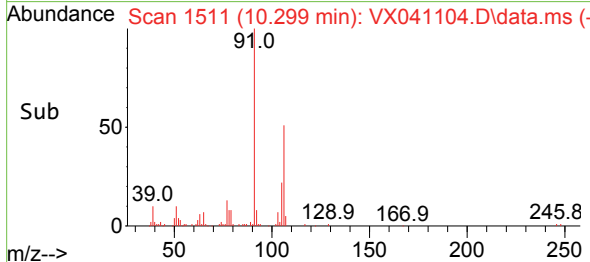
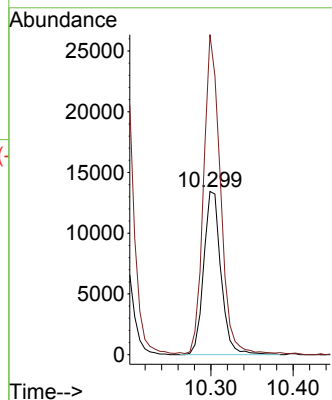
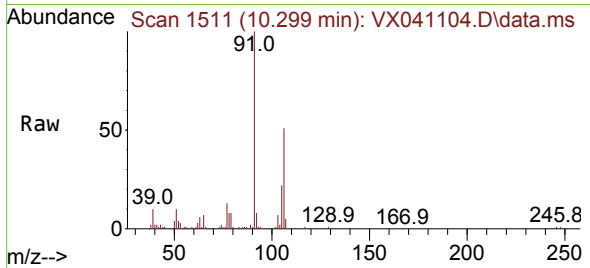




#68
m/p-Xylenes
Concen: 5.285 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

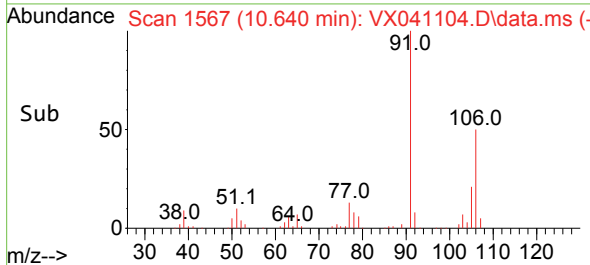
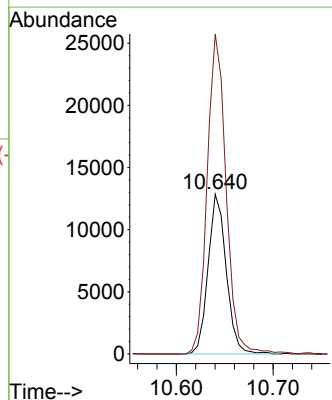
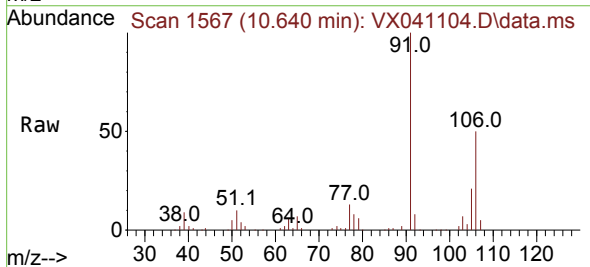
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

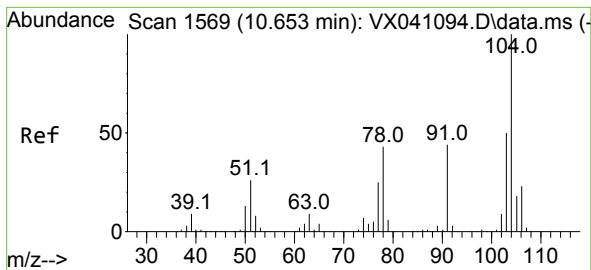
Tgt Ion:106 Resp: 19623
Ion Ratio Lower Upper
106 100
91 193.4 165.5 248.3



#69
o-Xylene
Concen: 4.659 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion:106 Resp: 16837
Ion Ratio Lower Upper
106 100
91 208.1 108.9 326.8





#70

Styrene

Concen: 0.414 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

240410075-02-VOA

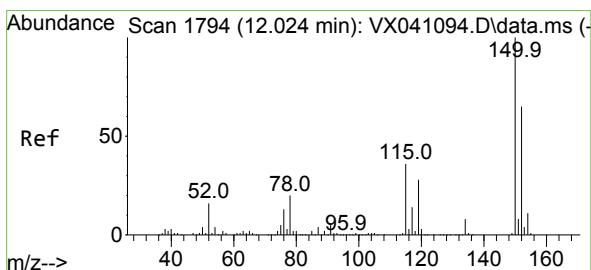
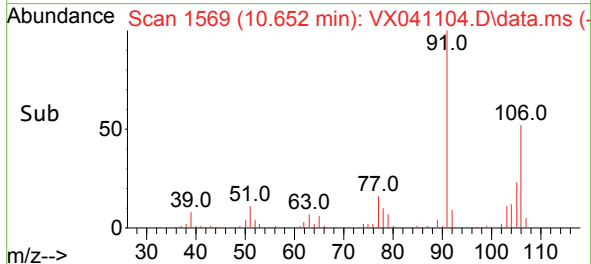
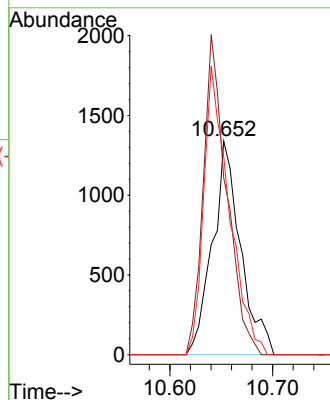
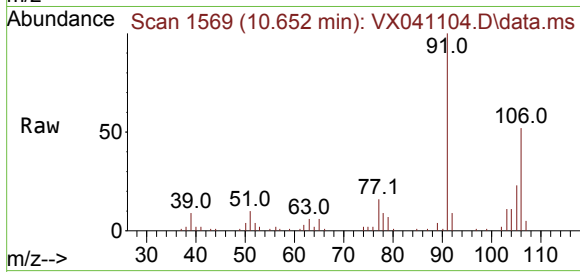
Tgt Ion:104 Resp: 2542

Ion Ratio Lower Upper

104 100

78 124.5 43.6 65.4#

103 122.3 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

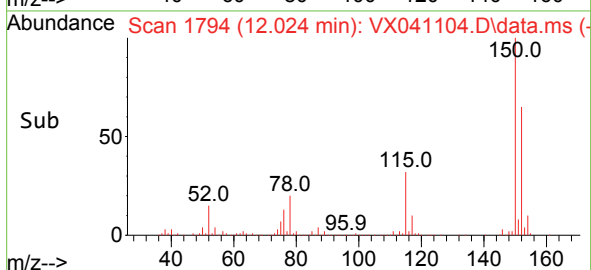
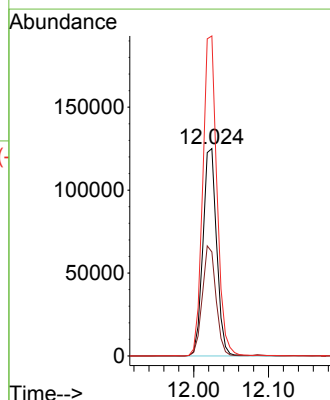
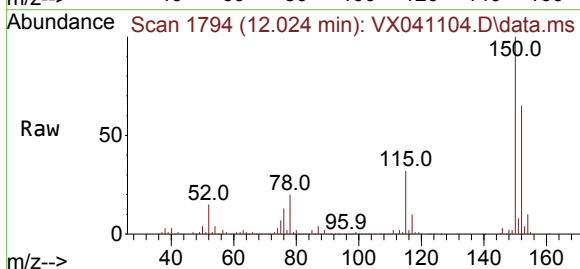
Tgt Ion:152 Resp: 159870

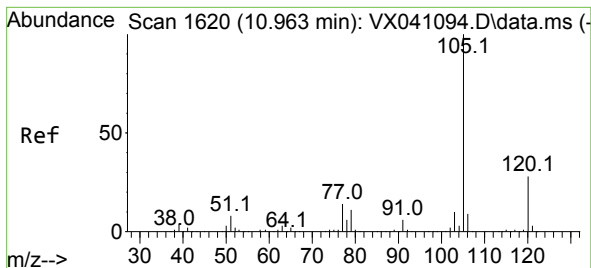
Ion Ratio Lower Upper

152 100

115 52.6 43.3 129.9

150 159.5 0.0 345.0





#73

Isopropylbenzene

Concen: 1.379 ug/l

RT: 10.963 min Scan# 1609

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

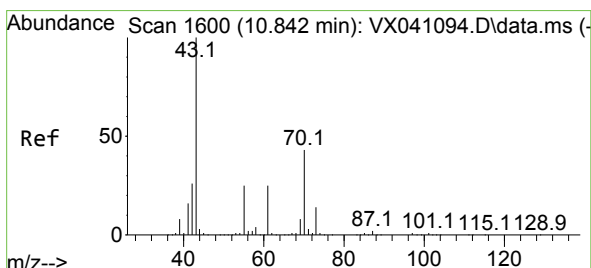
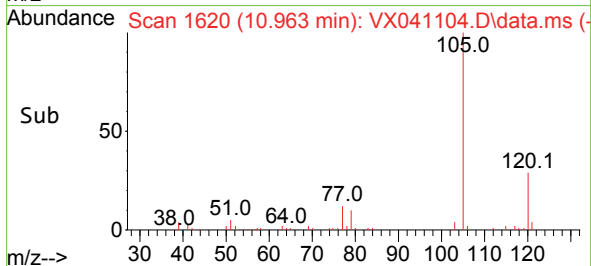
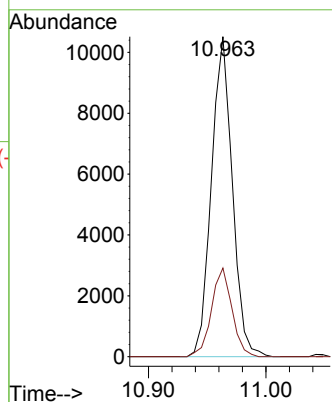
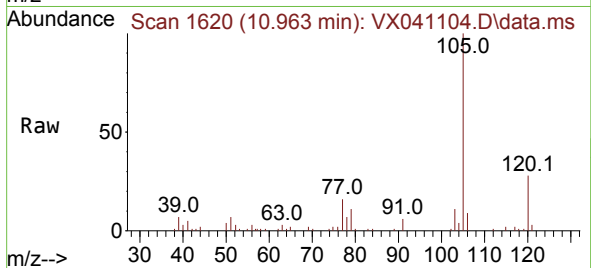
240410075-02-VOA

Tgt Ion:105 Resp: 13007

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.6



#74

N-ethyl acetate

Concen: 0.525 ug/l

RT: 10.896 min Scan# 1609

Delta R.T. 0.055 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Tgt Ion: 43 Resp: 1963

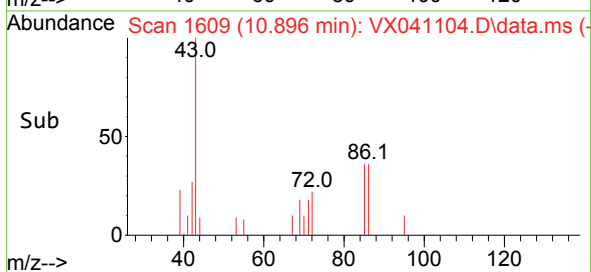
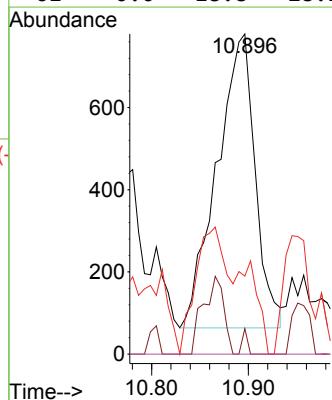
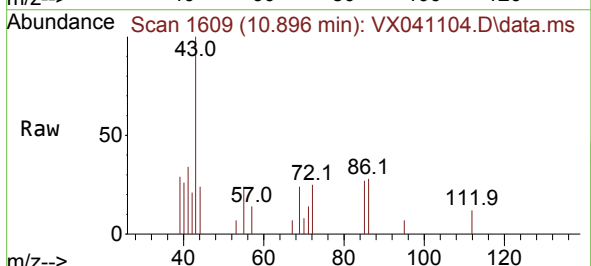
Ion Ratio Lower Upper

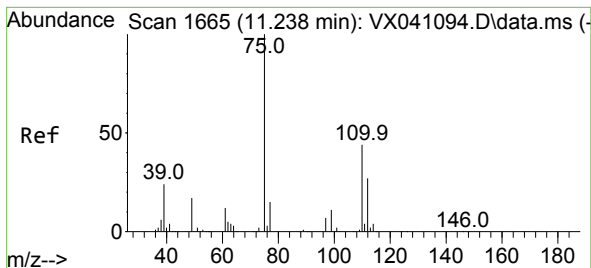
43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 23.828 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

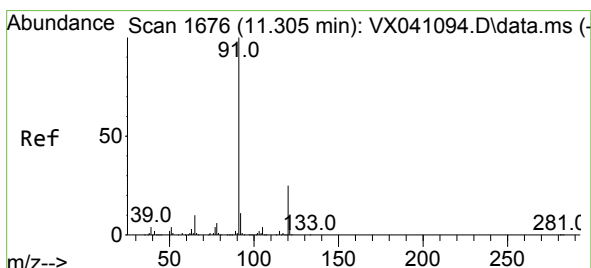
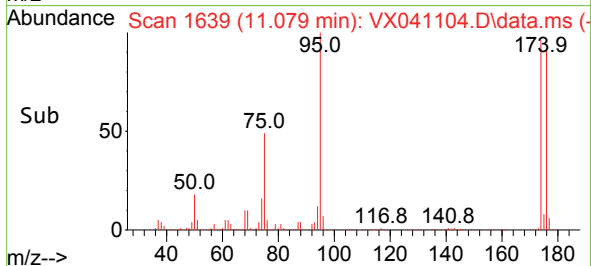
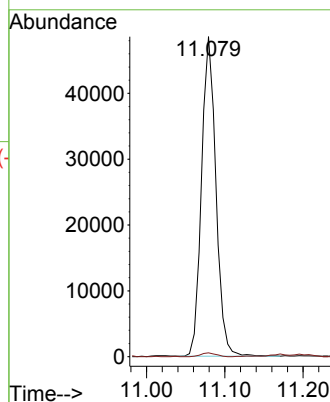
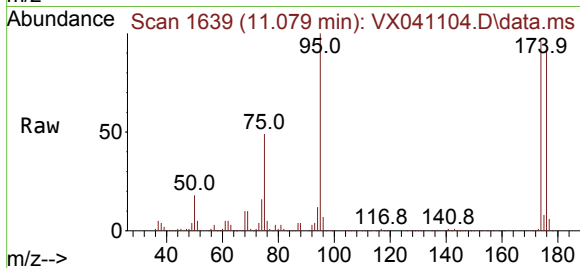
240410075-02-VOA

Tgt Ion: 75 Resp: 62079

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#78

n-propylbenzene

Concen: 0.552 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041104.D

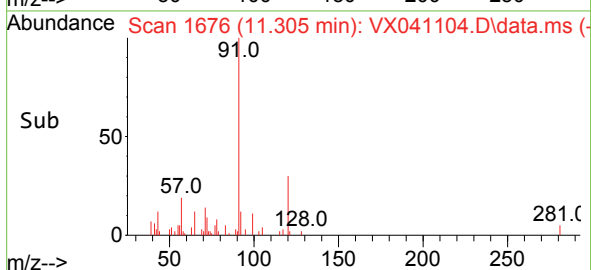
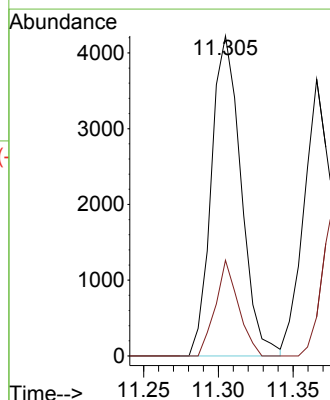
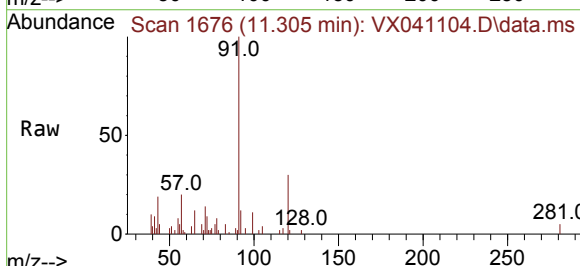
Acq: 16 Apr 2024 14:56

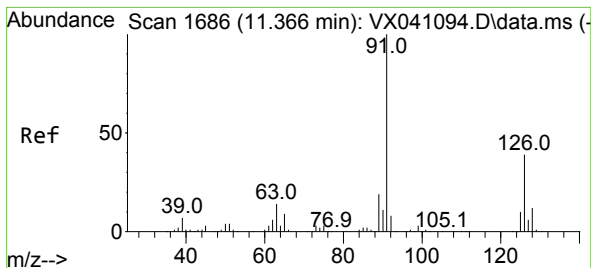
Tgt Ion: 91 Resp: 5842

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

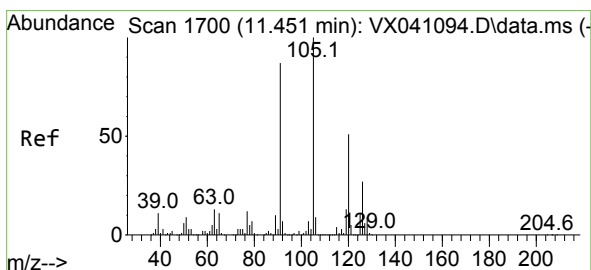
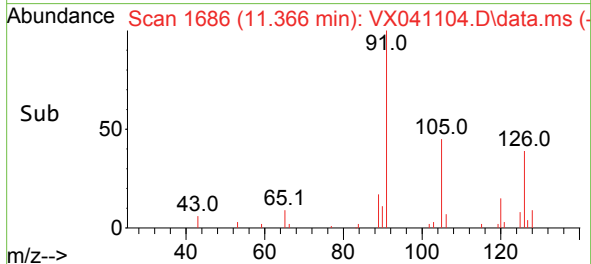
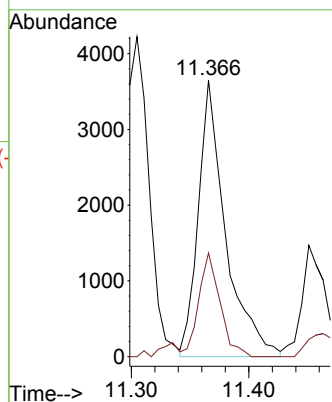
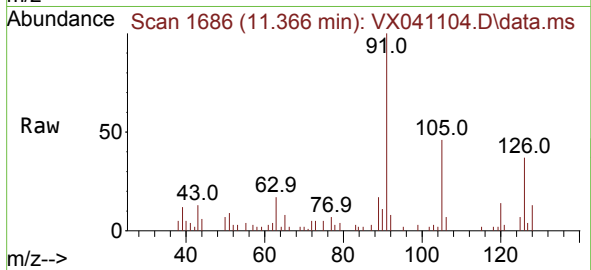




#79
2-Chlorotoluene
Concen: 0.913 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

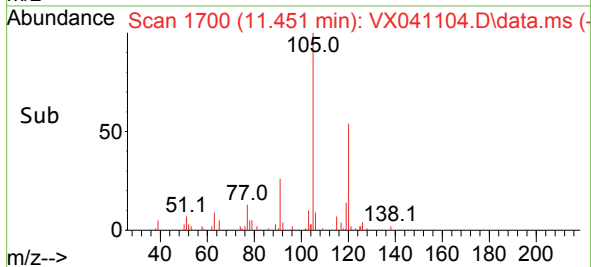
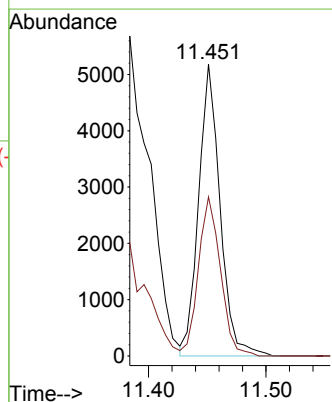
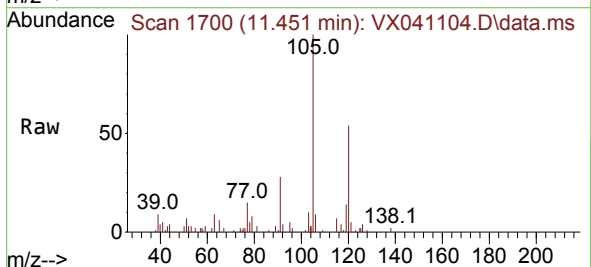
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

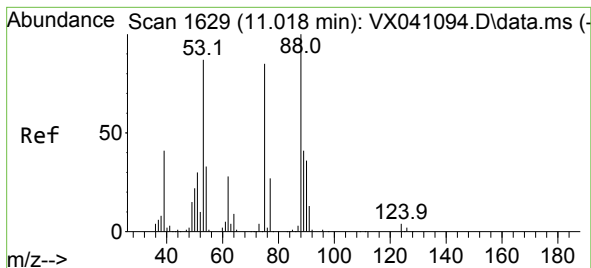
Tgt Ion: 91 Resp: 5886
Ion Ratio Lower Upper
91 100
126 29.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.835 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 105 Resp: 6559
Ion Ratio Lower Upper
105 100
120 56.0 24.1 72.3

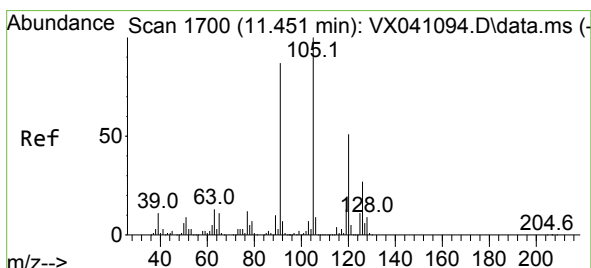
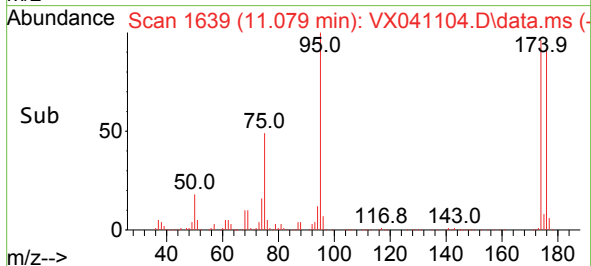
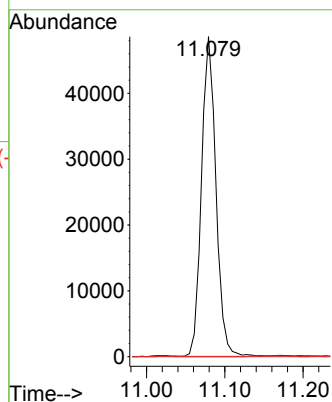
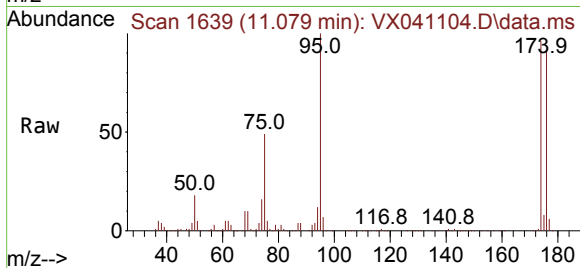




#81
trans-1,4-Dichloro-2-butene
Concen: 61.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

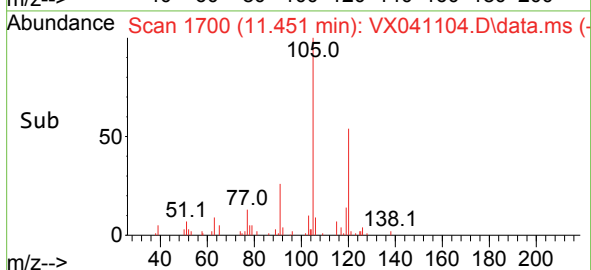
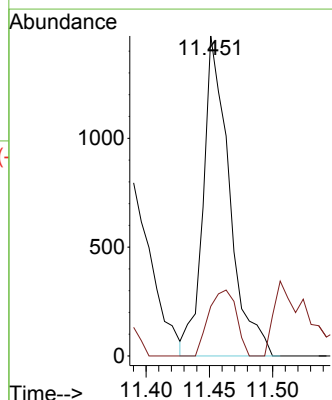
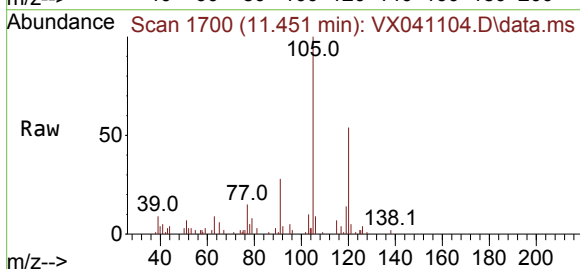
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

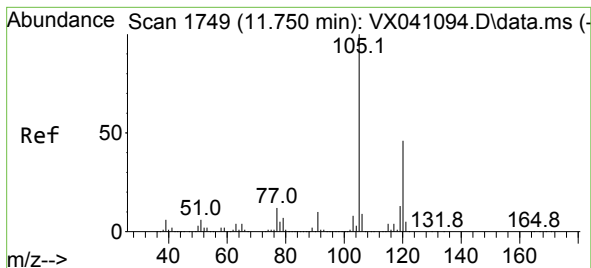
Tgt Ion: 75 Resp: 62079
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.283 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 91 Resp: 2123
Ion Ratio Lower Upper
91 100
126 21.7 14.2 42.6





#84

1,2,4-Trimethylbenzene

Concen: 3.429 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

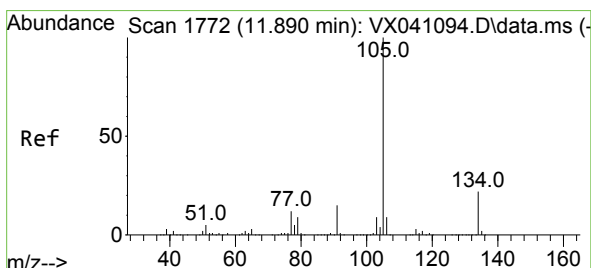
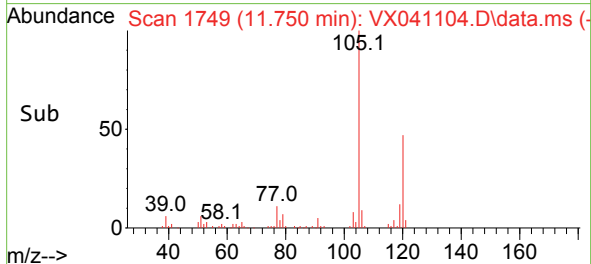
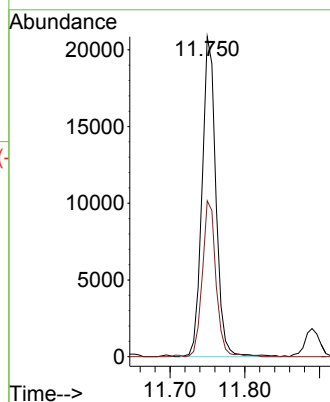
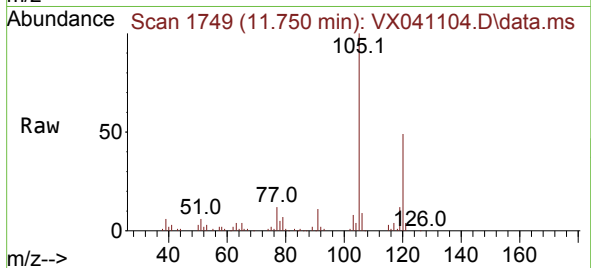
240410075-02-VOA

Tgt Ion:105 Resp: 26884

Ion Ratio Lower Upper

105 100

120 48.0 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.255 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX041104.D

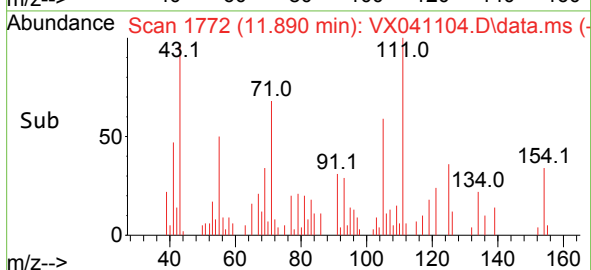
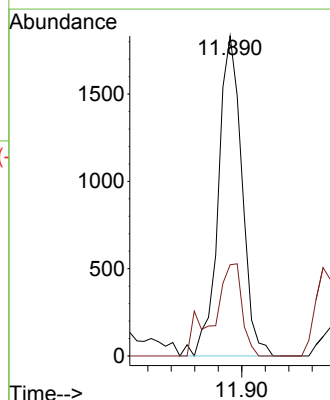
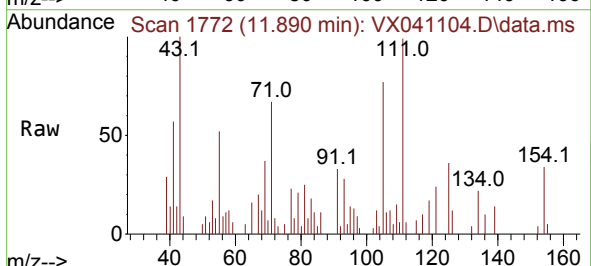
Acq: 16 Apr 2024 14:56

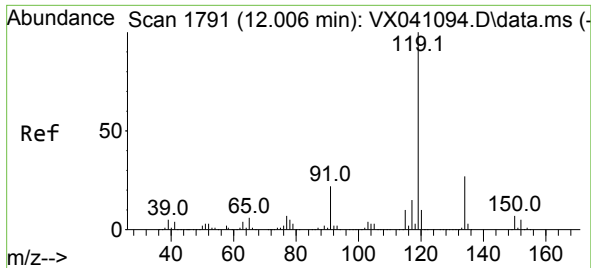
Tgt Ion:105 Resp: 2565

Ion Ratio Lower Upper

105 100

134 34.9 9.8 29.4#

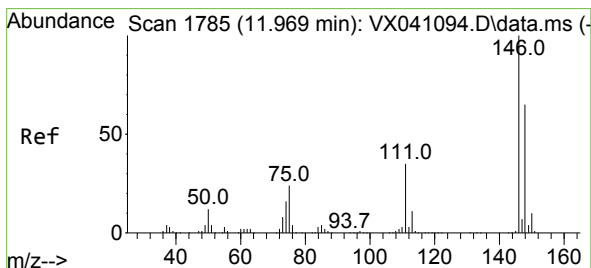
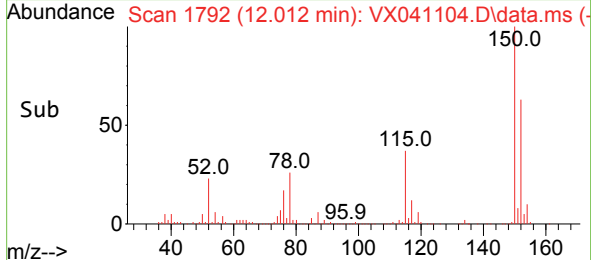
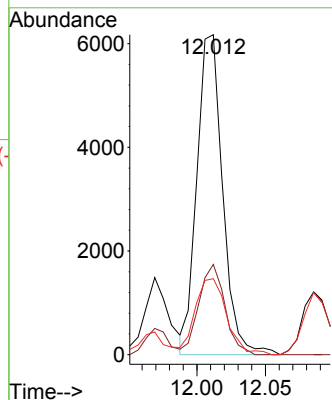
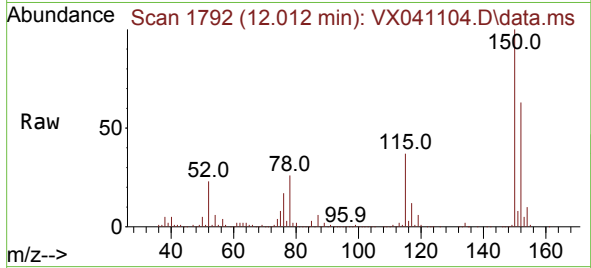




#86
p-Isopropyltoluene
Concen: 0.907 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

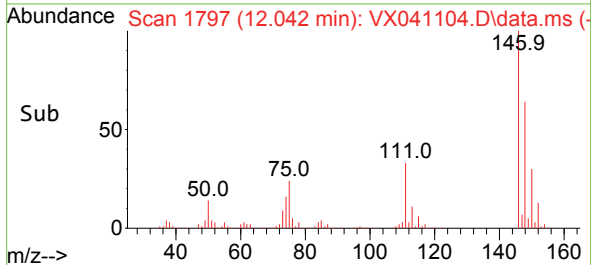
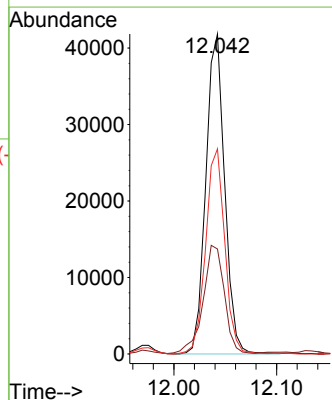
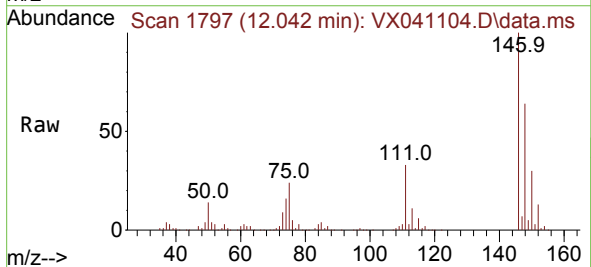
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

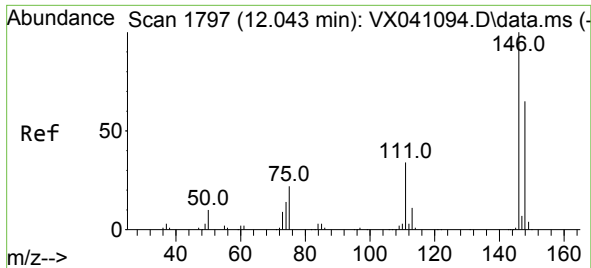
Tgt Ion:119 Resp: 8096
Ion Ratio Lower Upper
119 100
134 28.4 12.8 38.3
91 28.8 13.1 39.3



#87
1,3-Dichlorobenzene
Concen: 10.209 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.073 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion:146 Resp: 53322
Ion Ratio Lower Upper
146 100
111 38.1 22.1 66.1
148 65.4 31.8 95.3

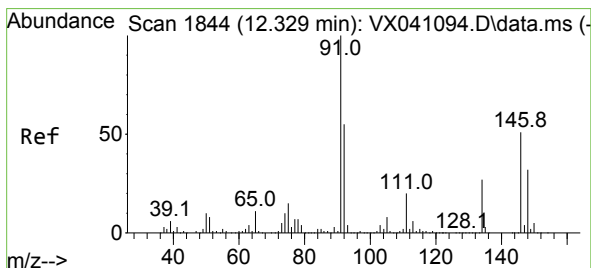
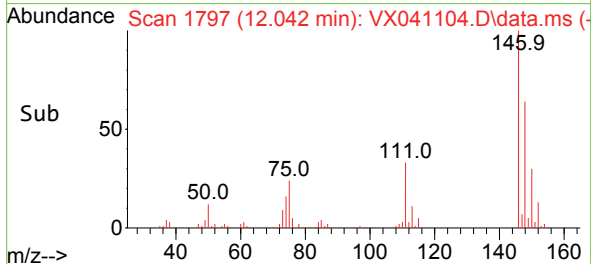
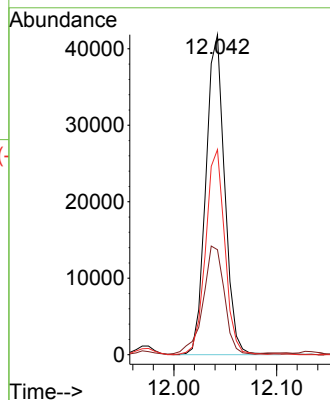
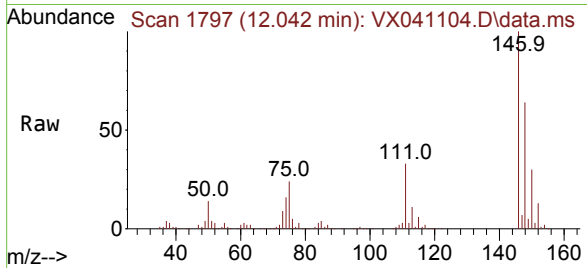




#88
1,4-Dichlorobenzene
Concen: 9.681 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

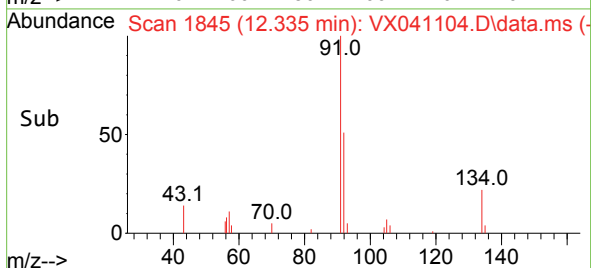
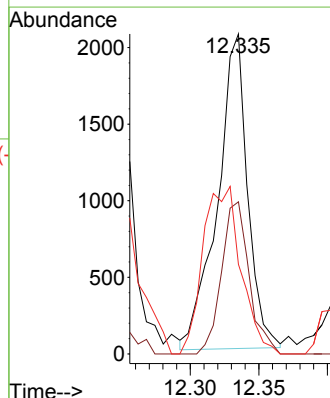
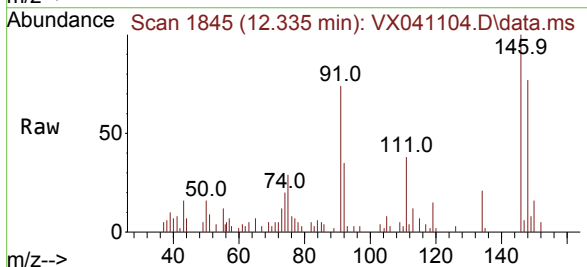
Instrument :
MSVOA_X
ClientSampleId :
240410075-02-VOA

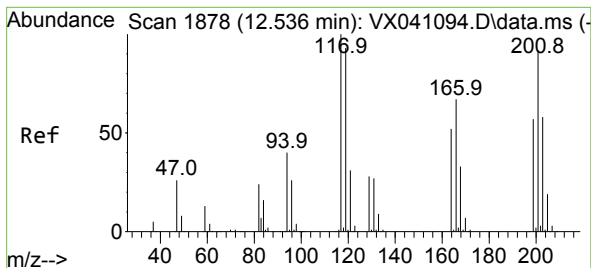
Tgt Ion:146 Resp: 53322
Ion Ratio Lower Upper
146 100
111 38.1 21.3 63.7
148 65.4 31.8 95.4



#89
n-Butylbenzene
Concen: 0.415 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041104.D
Acq: 16 Apr 2024 14:56

Tgt Ion: 91 Resp: 3143
Ion Ratio Lower Upper
91 100
92 44.3 27.4 82.0
134 66.9 12.6 37.8#





#90

Hexachloroethane

Concen: 0.619 ug/l

RT: 12.609 min Scan# 117

Delta R.T. 0.073 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

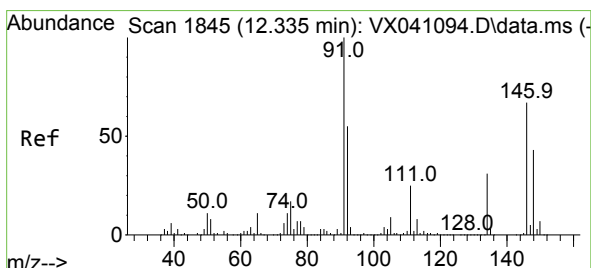
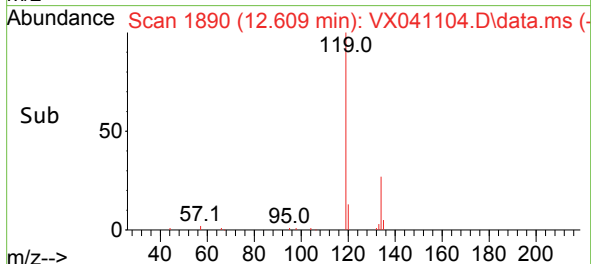
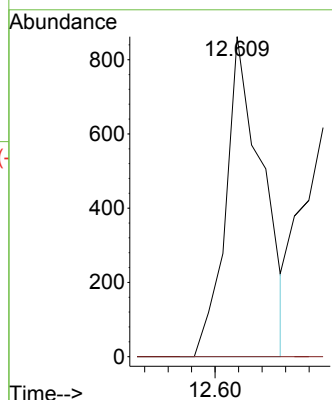
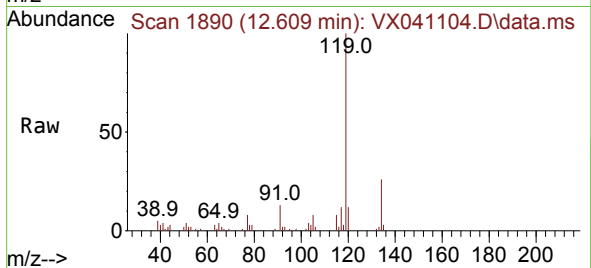
240410075-02-VOA

Tgt Ion:117 Resp: 935

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.767 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

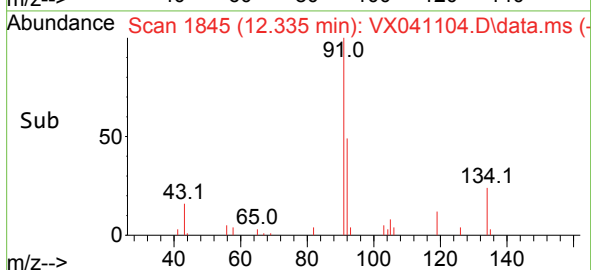
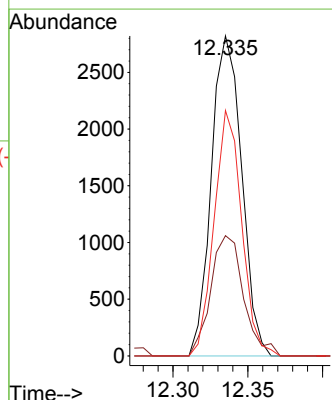
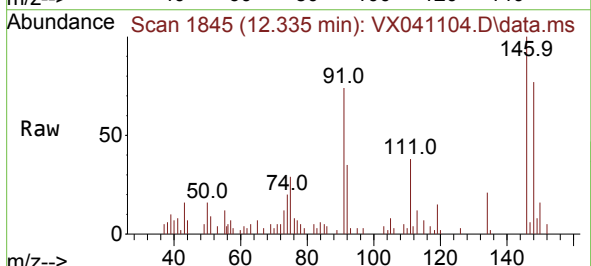
Tgt Ion:146 Resp: 3976

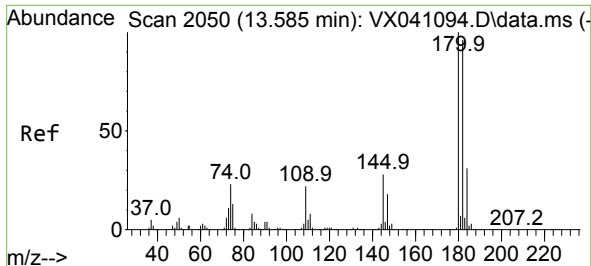
Ion Ratio Lower Upper

146 100

111 40.7 22.4 67.0

148 69.7 31.6 95.0

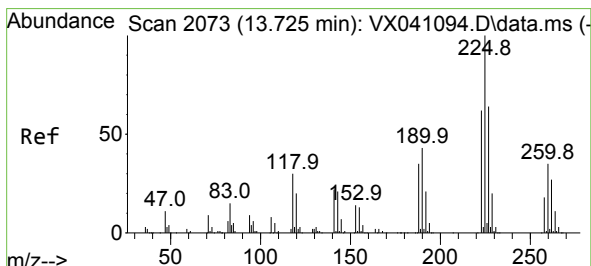
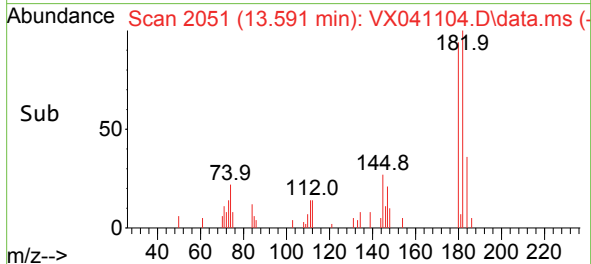
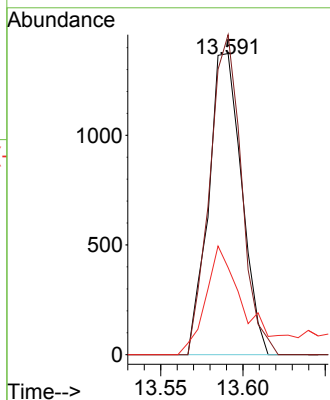
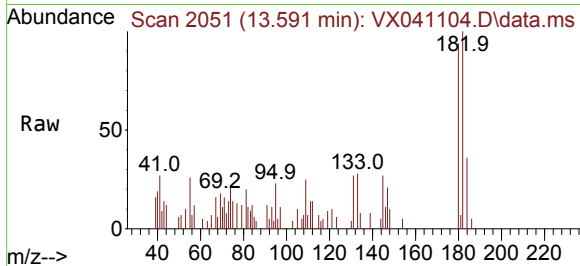




#93
 1,2,4-Trichlorobenzene
 Concen: 0.494 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX041104.D
 Acq: 16 Apr 2024 14:56

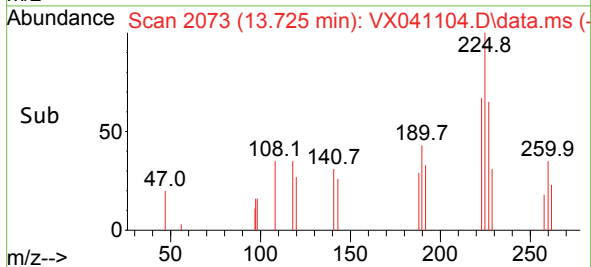
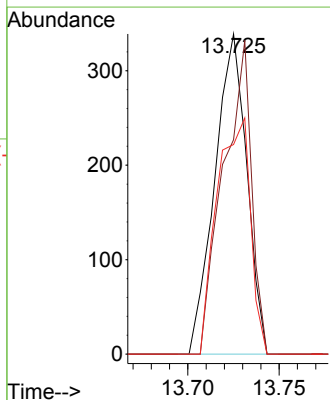
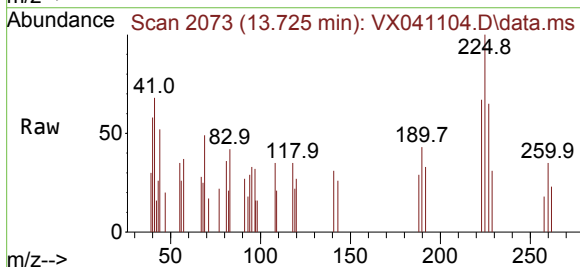
Instrument :
 MSVOA_X
 ClientSampleId :
 240410075-02-VOA

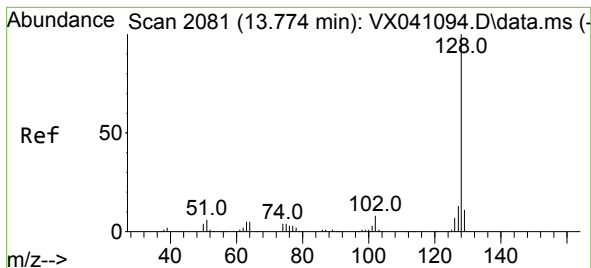
Tgt Ion:180 Resp: 1924
 Ion Ratio Lower Upper
 180 100
 182 102.0 48.3 144.8
 145 40.9 18.0 54.0



#94
 Hexachlorobutadiene
 Concen: 0.222 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX041104.D
 Acq: 16 Apr 2024 14:56

Tgt Ion:225 Resp: 413
 Ion Ratio Lower Upper
 225 100
 223 85.5 31.1 93.2
 227 76.8 32.5 97.5





#95

Naphthalene

Concen: 8.714 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

240410075-02-VOA

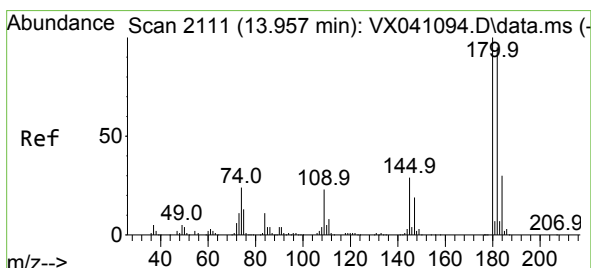
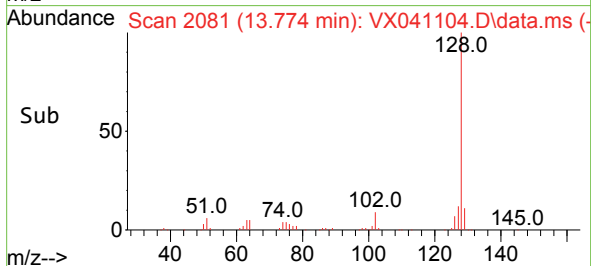
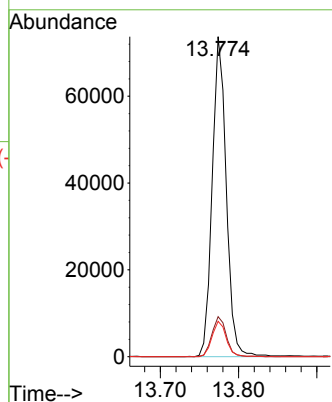
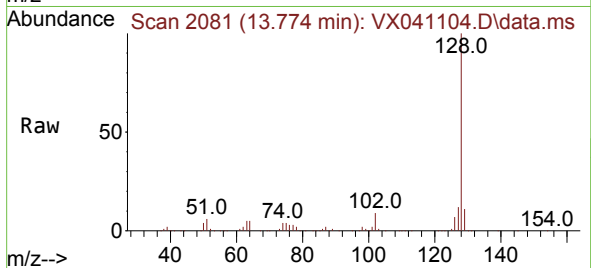
Tgt Ion:128 Resp: 91680

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.342 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041104.D

Acq: 16 Apr 2024 14:56

Tgt Ion:180 Resp: 1322

Ion Ratio Lower Upper

180 100

182 101.2 46.9 140.6

145 49.2 17.8 53.5

