

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038692.D
 Acq On : 09 Nov 2023 19:43
 Operator : JC/MD
 Sample : 05325-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 231108067-02-VOA

Quant Time: Nov 10 03:45:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	279030	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	457168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156864	45.156	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.320%		
35) Dibromofluoromethane	5.385	113	147085	44.671	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.340%		
50) Toluene-d8	8.647	98	551134	46.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.560%		
62) 4-Bromofluorobenzene	11.079	95	236198	51.705	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.400%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	758	0.284	ug/l	89
8) Diethyl Ether	2.130	74	4395	2.785	ug/l	86
11) Tert butyl alcohol	2.953	59	4051732	5705.521	ug/l	# 91
13) Acrolein	2.227	56	143	0.266	ug/l	# 1
14) Allyl chloride	2.636	41	19818	5.313	ug/l	# 24
15) Acrylonitrile	2.953	53	41932	27.979	ug/l	# 22
16) Acetone	2.374	43	329440	225.181	ug/l	90
17) Carbon Disulfide	2.508	76	1686	0.244	ug/l	98
18) Methyl Acetate	2.953	43	531926	85.341	ug/l	# 53
19) Methyl tert-butyl Ether	3.111	73	13846	1.663	ug/l	95
25) 2-Butanone	4.556	43	402195	189.774	ug/l	92
26) 2,2-Dichloropropane	4.574	77	225709	55.583	ug/l	# 54
27) cis-1,2-Dichloroethene	4.489	96	1563	0.477	ug/l	# 13
28) Bromochloromethane	5.007	49	1807	0.865	ug/l	# 16
29) Tetrahydrofuran	5.001	42	742397	563.021	ug/l	# 81
31) Cyclohexane	5.550	56	4558	1.186	ug/l	# 1
37) Ethyl Acetate	4.672	43	12117	2.902	ug/l	# 69
38) Carbon Tetrachloride	5.556	117	26266	5.744	ug/l	# 15
40) Benzene	6.038	78	38328	3.253	ug/l	100
41) Methacrylonitrile	5.001	41	432656	203.365	ug/l	# 48
42) 1,2-Dichloroethane	6.105	62	1311	0.308	ug/l	88
43) Isopropyl Acetate	6.336	43	3462	0.539	ug/l	# 74
44) Trichloroethene	7.123	130	3722	1.015	ug/l	82
49) 1,4-Dioxane	7.659	88	9718	137.972	ug/l	# 89
51) 4-Methyl-2-Pentanone	8.574	43	33247	7.948	ug/l	99
52) Toluene	8.720	92	19906	2.579	ug/l	95
56) Ethyl methacrylate	9.031	69	1060	0.231	ug/l	# 43
59) 2-Hexanone	9.433	43	4706	1.390	ug/l	84
65) Chlorobenzene	10.080	112	8632	0.890	ug/l	# 77
67) Ethyl Benzene	10.195	91	48471	2.954	ug/l	99
68) m/p-Xylenes	10.299	106	43456	6.673	ug/l	95
69) o-Xylene	10.640	106	27813	4.392	ug/l	95
70) Styrene	10.653	104	4540	0.434	ug/l	# 25
73) Isopropylbenzene	10.964	105	11135	0.658	ug/l	98
74) N-amyl acetate	10.890	43	5397	0.918	ug/l	# 62
76) 1,2,3-Trichloropropane	11.079	75	114651	20.987	ug/l	# 39

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

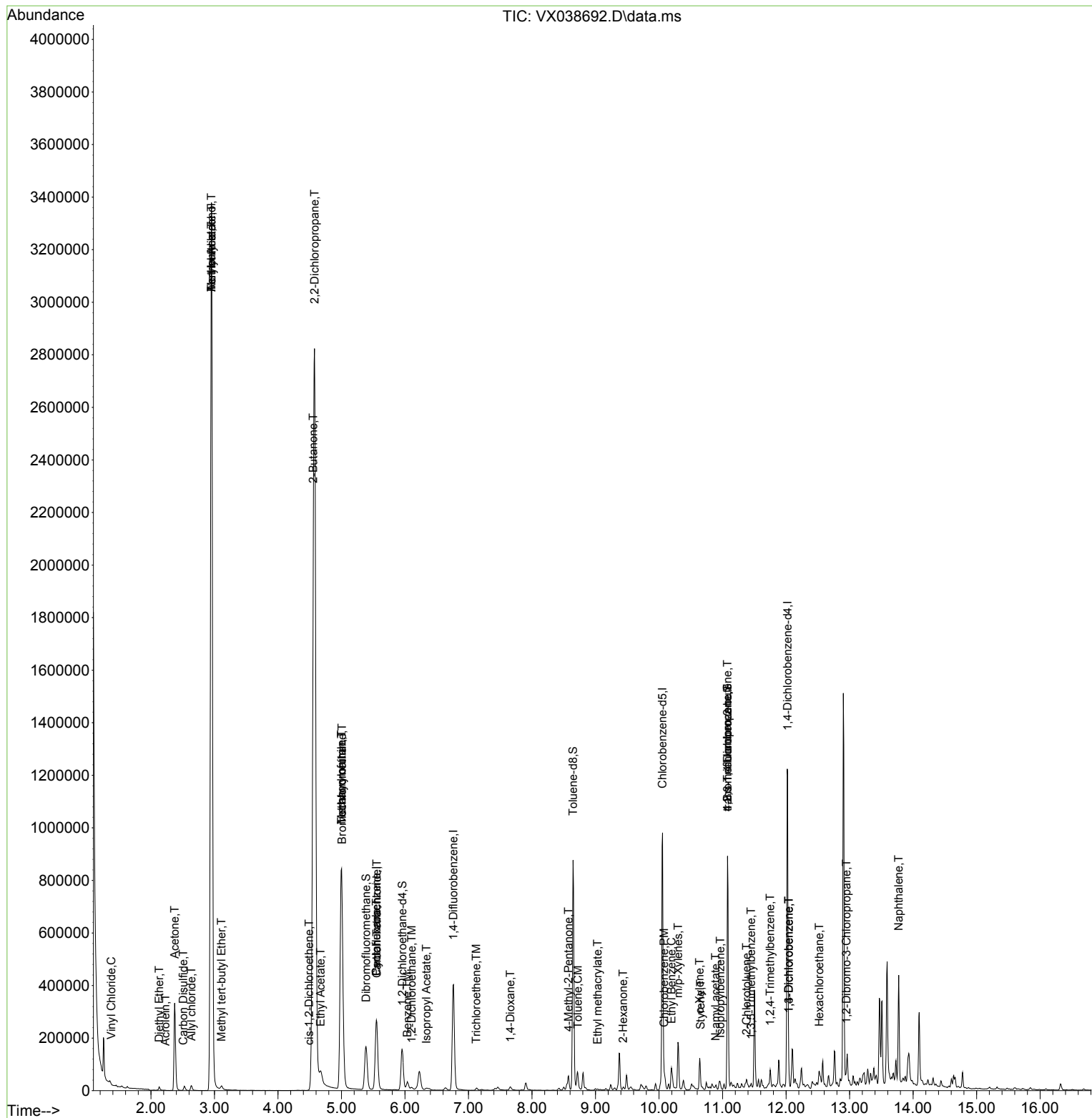
79) 2-Chlorotoluene	11.378	91	3234	0.274	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	8598	0.590	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	114651	63.797	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	30575	2.117	ug/l	82
87) 1,3-Dichlorobenzene	12.043	146	22625	2.548	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	22625	2.479	ug/l	88
90) Hexachloroethane	12.524	117	1147	0.432	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.951	75	529	0.360	ug/l #	9
95) Naphthalene	13.774	128	240196	12.838	ug/l	99

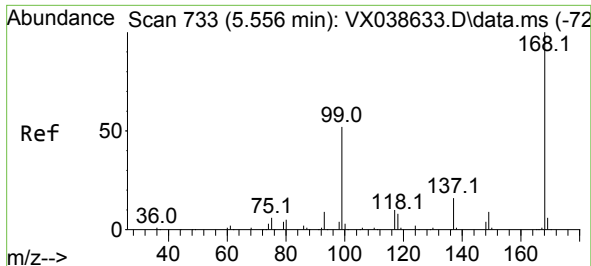
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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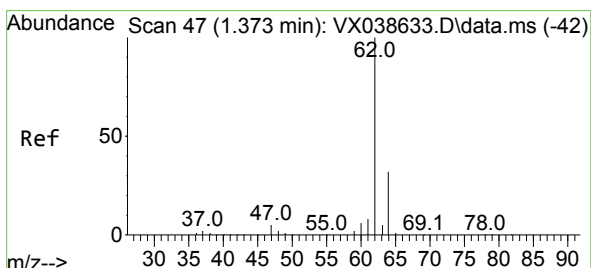
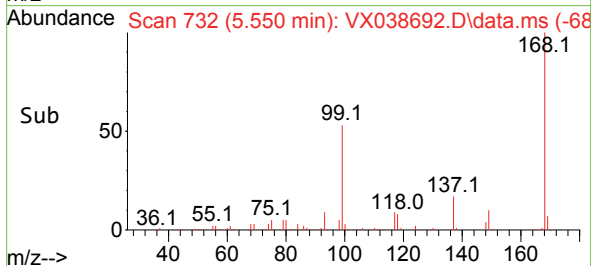
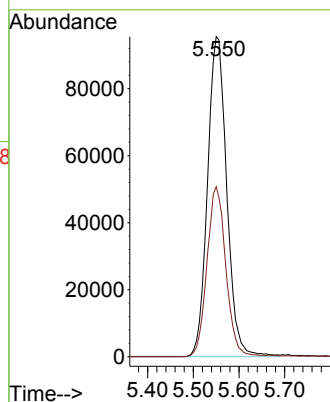
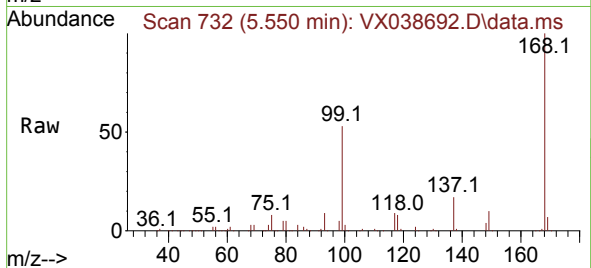




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038692.D
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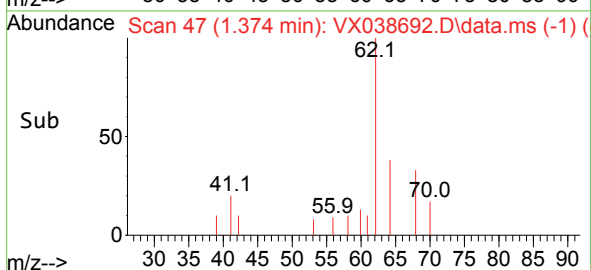
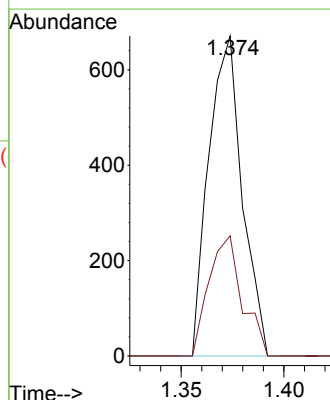
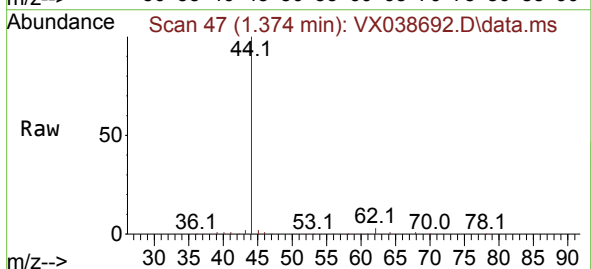
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

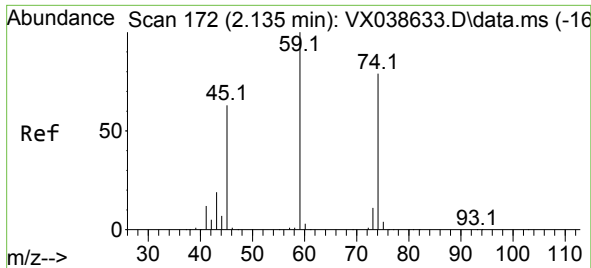
Tgt Ion:168 Resp: 279030
Ion Ratio Lower Upper
168 100
99 53.1 56.6 85.0#



#4
Vinyl Chloride
Concen: 0.284 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 62 Resp: 758
Ion Ratio Lower Upper
62 100
64 37.6 25.4 38.0

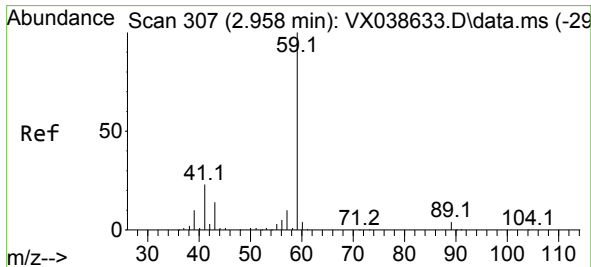
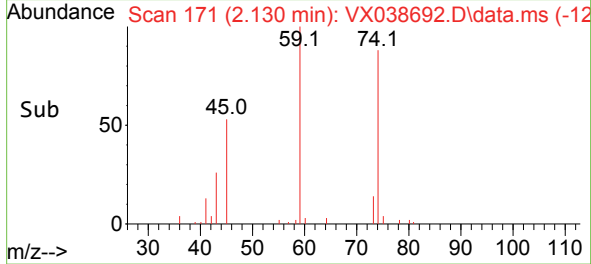
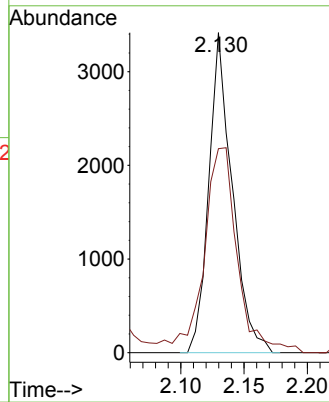
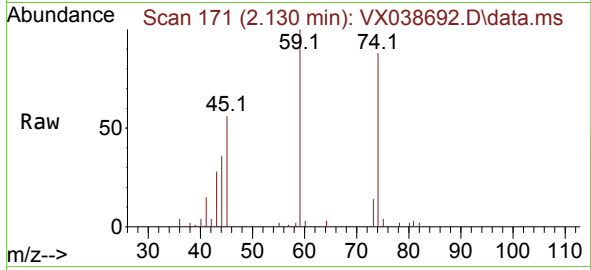




#8
Diethyl Ether
Concen: 2.785 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

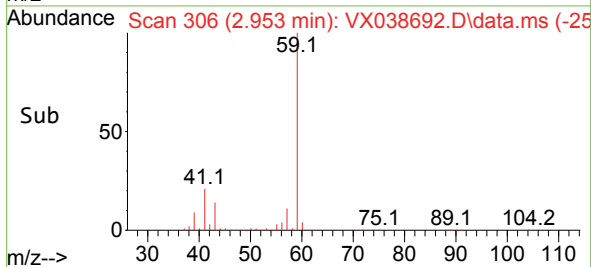
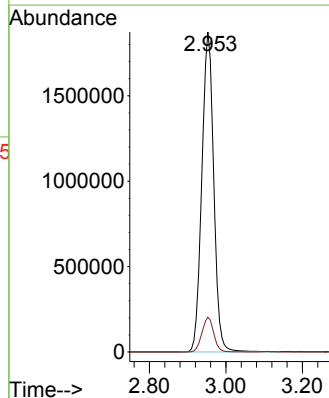
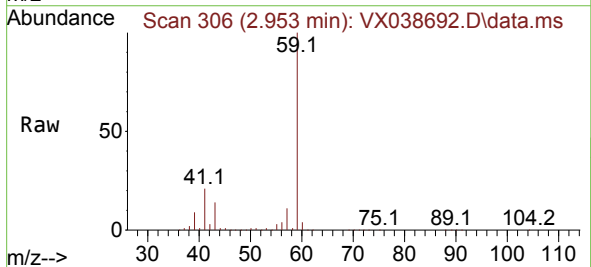
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

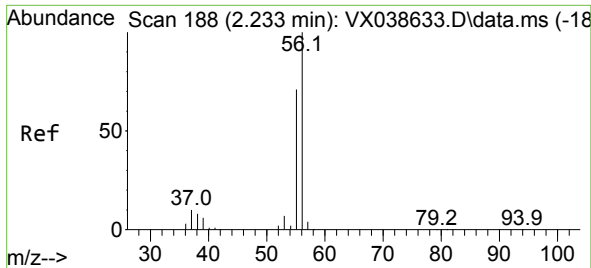
Tgt Ion: 74 Resp: 4395
Ion Ratio Lower Upper
74 100
45 91.8 53.3 159.8



#11
Tert butyl alcohol
Concen: 5705.521 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 59 Resp: 4051732
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0#





#13

Acrolein

Concen: 0.266 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

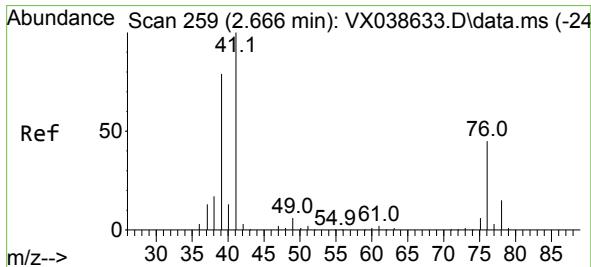
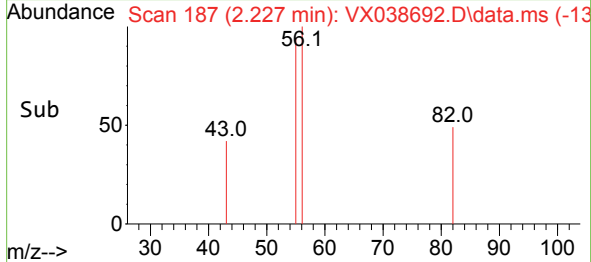
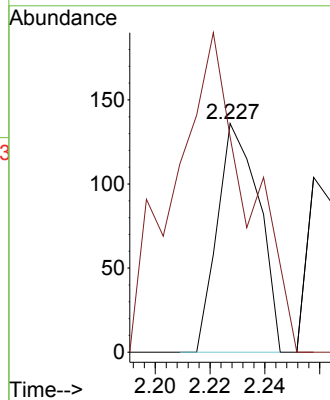
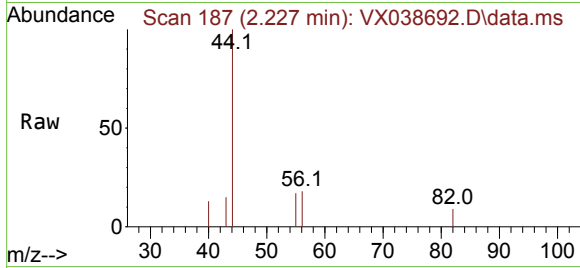
231108067-02-VOA

Tgt Ion: 56 Resp: 143

Ion Ratio Lower Upper

56 100

55 246.2 57.1 85.7#



#14

Allyl chloride

Concen: 5.313 ug/l

RT: 2.636 min Scan# 254

Delta R.T. -0.030 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

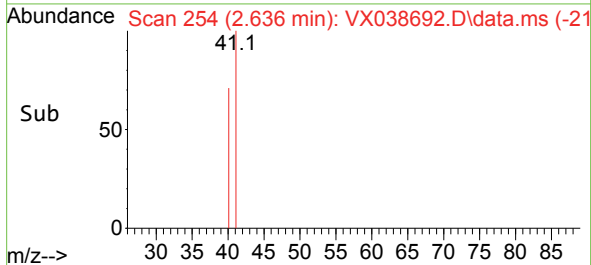
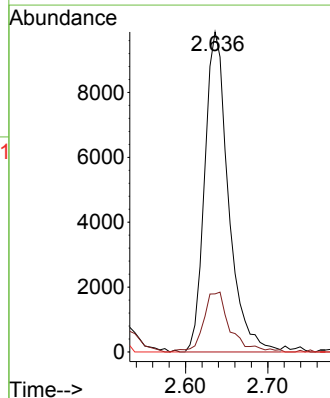
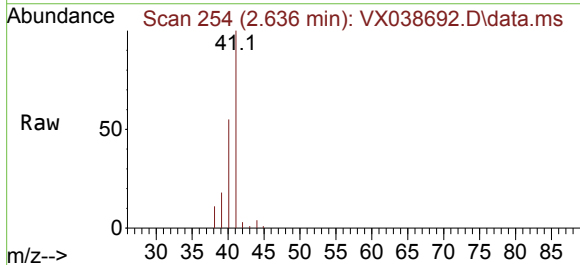
Tgt Ion: 41 Resp: 19818

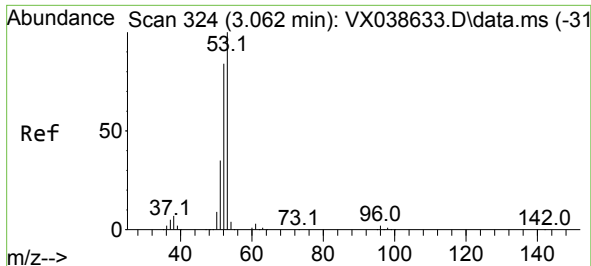
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#

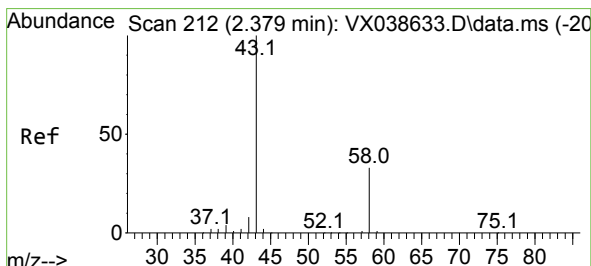
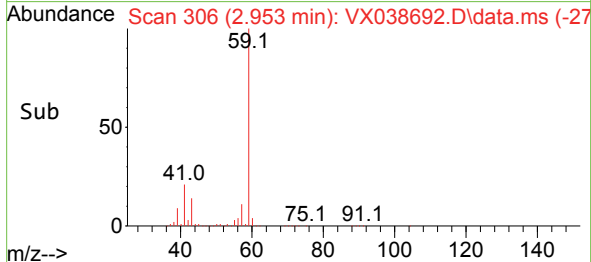
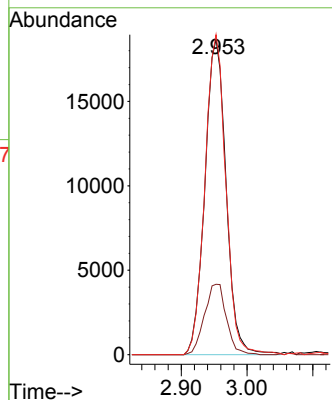
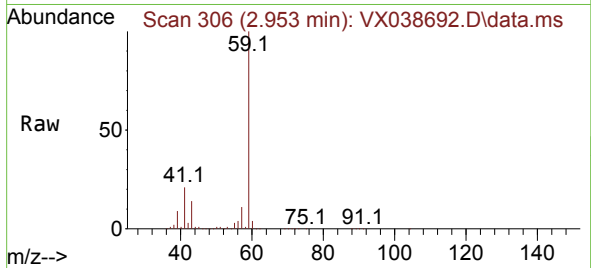




#15
Acrylonitrile
Concen: 27.979 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.109 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

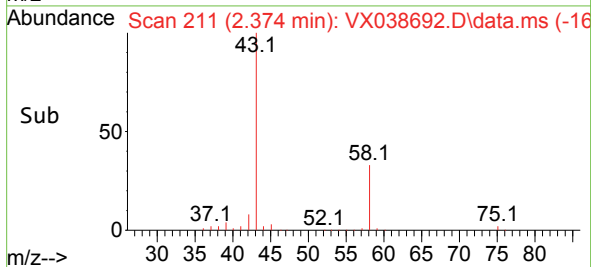
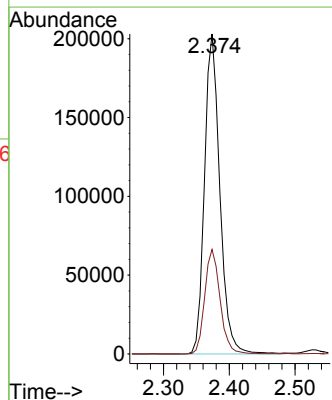
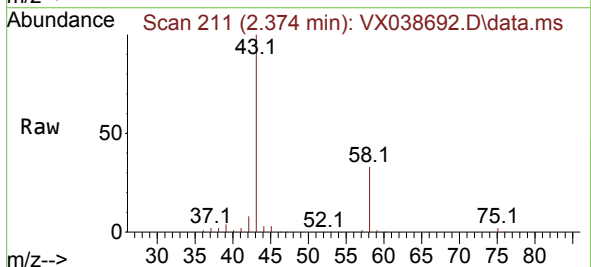
Instrument :
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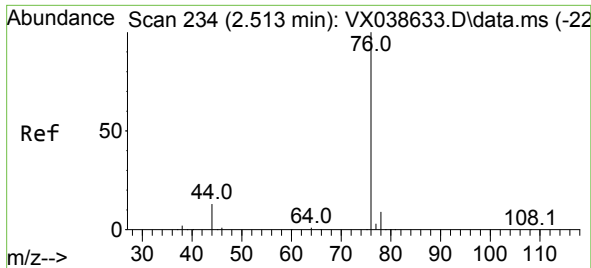
Tgt Ion: 53 Resp: 41932
Ion Ratio Lower Upper
53 100
52 23.0 66.0 99.0#
51 99.8 29.8 44.6#



#16
Acetone
Concen: 225.181 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 43 Resp: 329440
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9

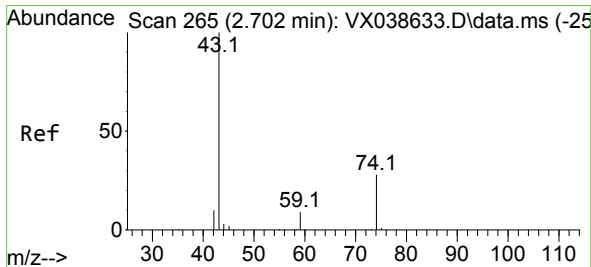
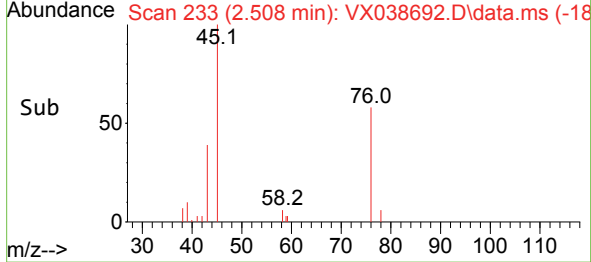
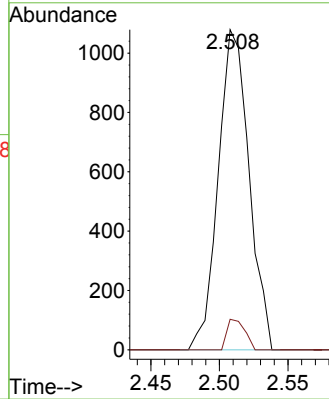
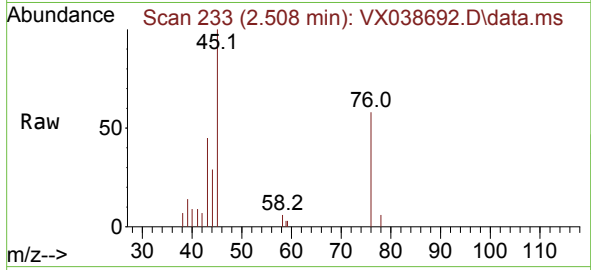




#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

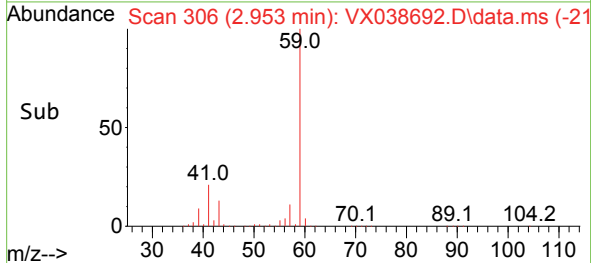
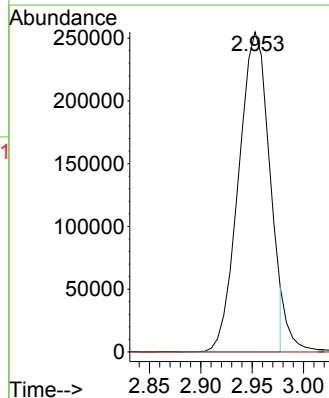
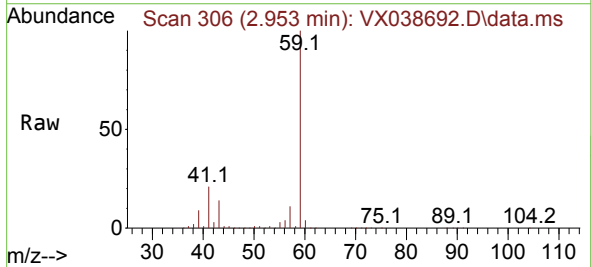
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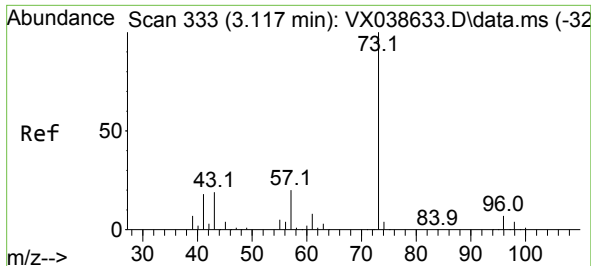
Tgt Ion: 76 Resp: 1686
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 85.341 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.250 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 43 Resp: 531926
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

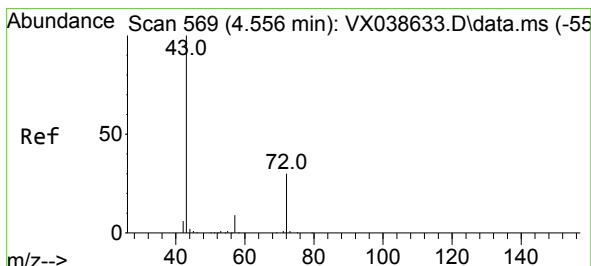
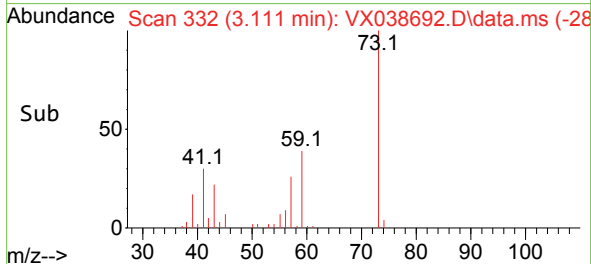
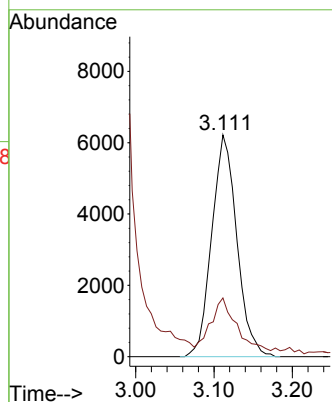
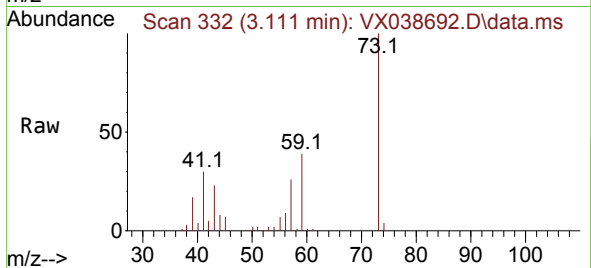




#19
Methyl tert-butyl Ether
Concen: 1.663 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

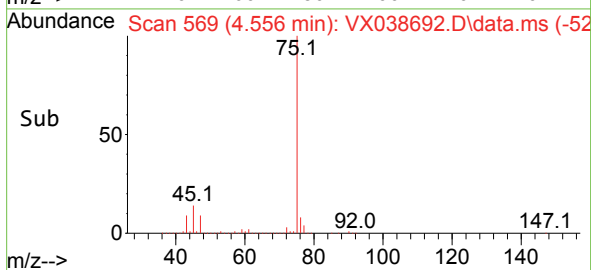
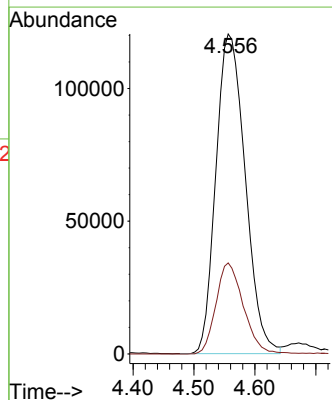
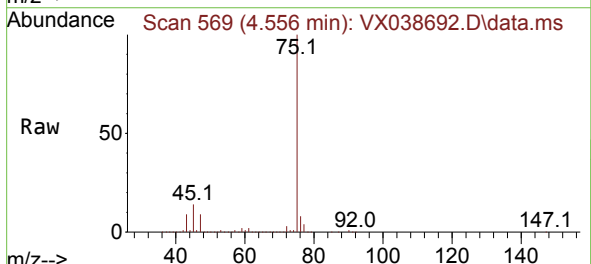
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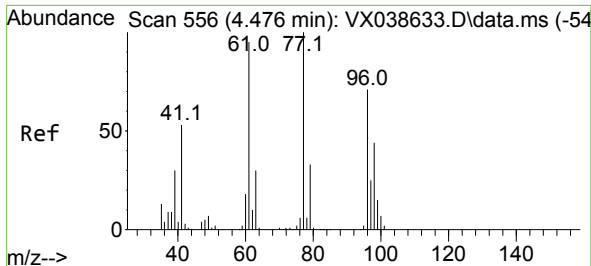
Tgt Ion: 73 Resp: 13846
Ion Ratio Lower Upper
73 100
57 23.8 17.3 25.9



#25
2-Butanone
Concen: 189.774 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 43 Resp: 402195
Ion Ratio Lower Upper
43 100
72 28.5 19.4 29.2

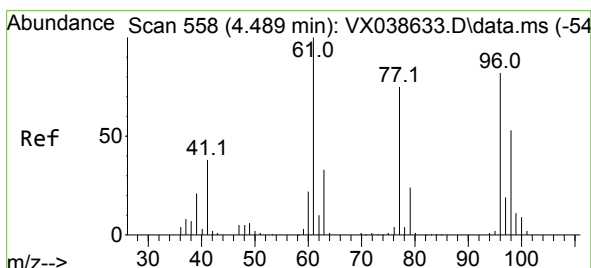
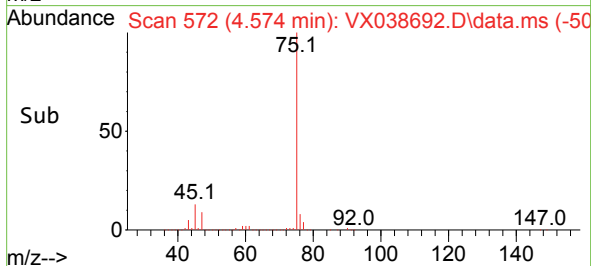
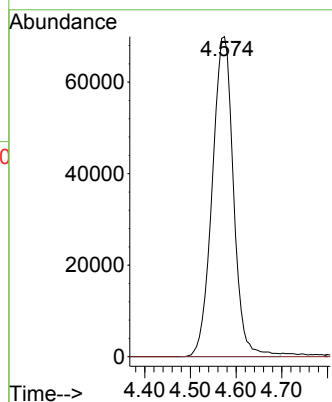
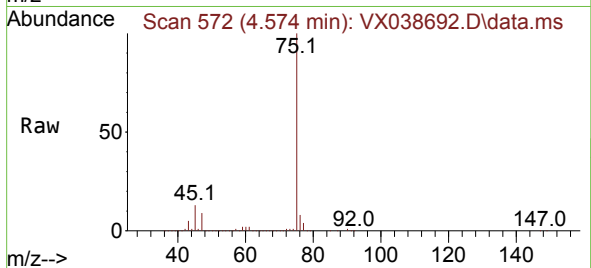




#26
2,2-Dichloropropane
Concen: 55.583 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.098 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

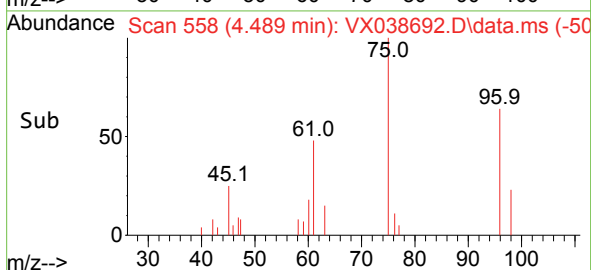
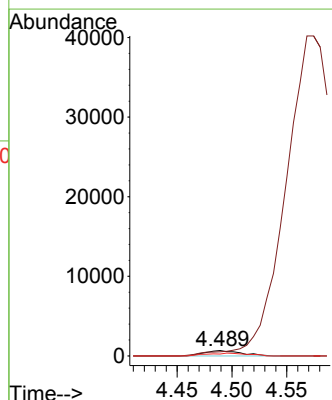
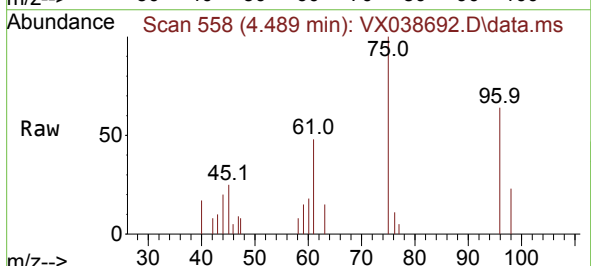
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

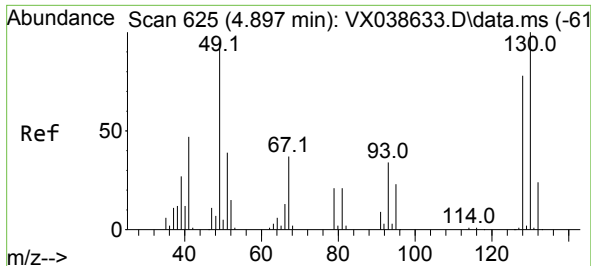
Tgt Ion: 77 Resp: 225709
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#27
cis-1,2-Dichloroethene
Concen: 0.477 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 96 Resp: 1563
Ion Ratio Lower Upper
96 100
61 0.0 0.0 312.2
98 58.9 0.0 129.0

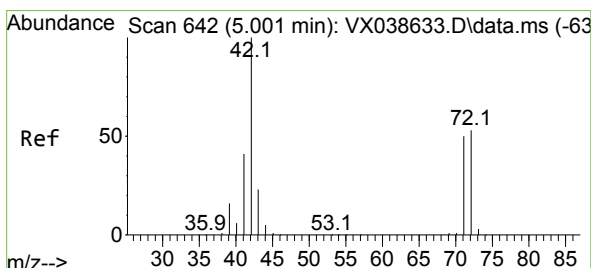
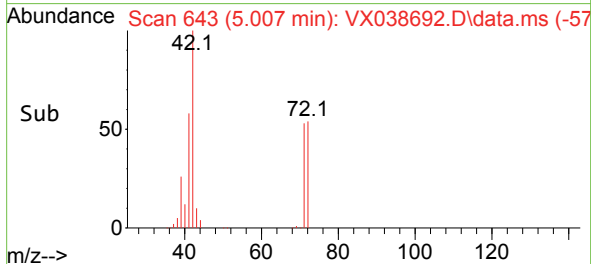
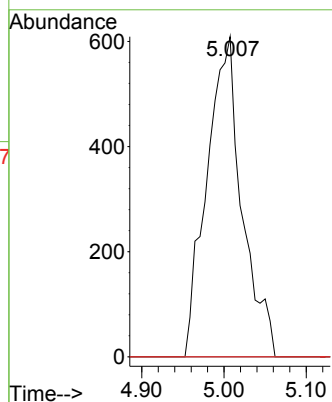
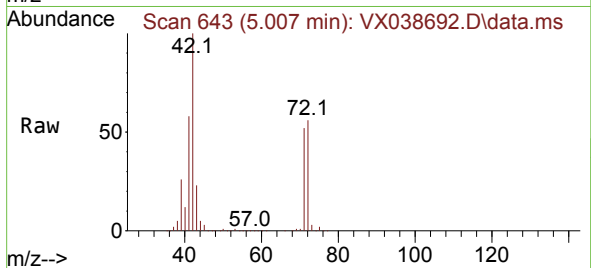




#28
Bromochloromethane
Concen: 0.865 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.110 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

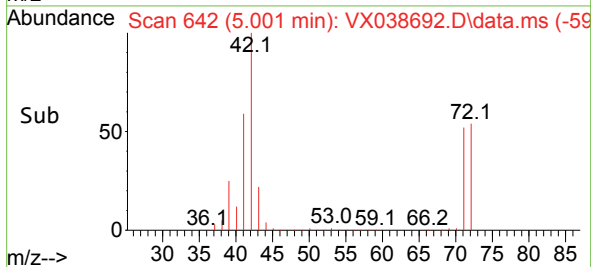
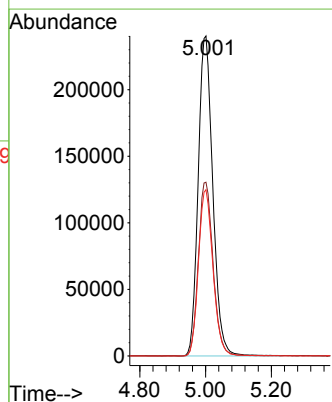
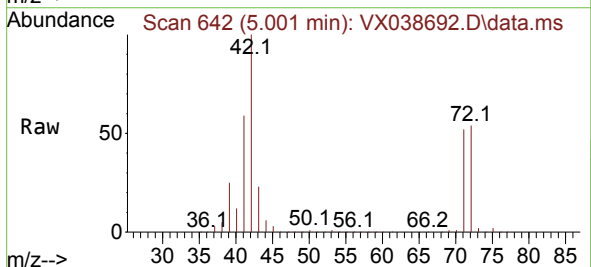
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

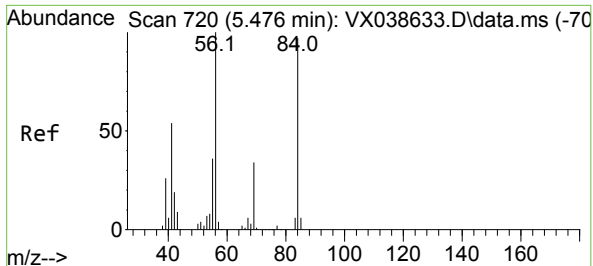
Tgt Ion: 49 Resp: 1807
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#29
Tetrahydrofuran
Concen: 563.021 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

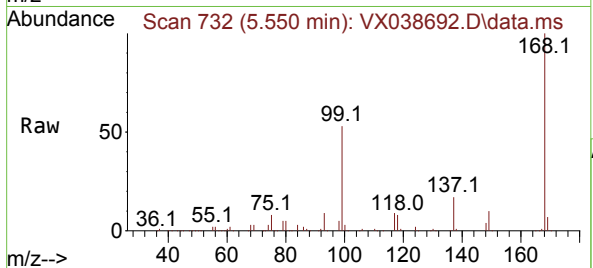
Tgt Ion: 42 Resp: 742397
Ion Ratio Lower Upper
42 100
72 54.7 34.2 51.4#
71 51.6 32.2 48.2#



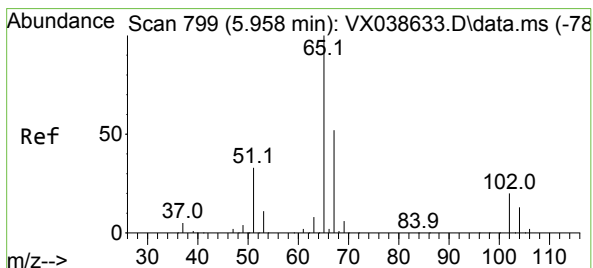
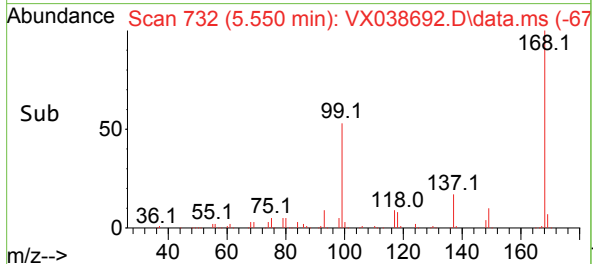
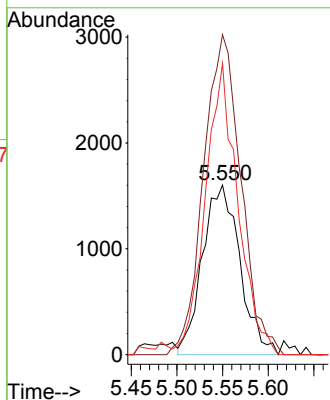


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

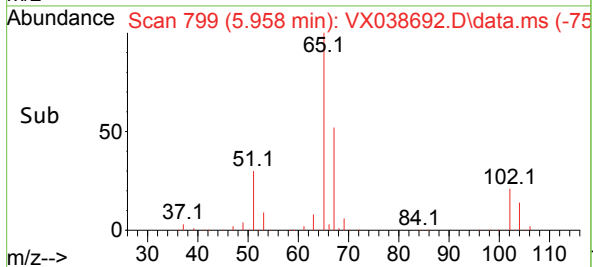
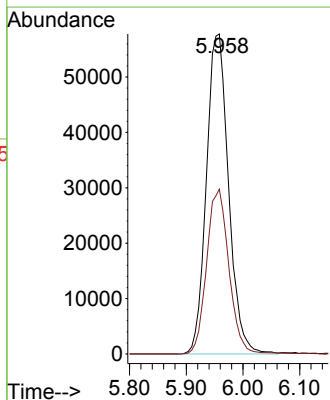
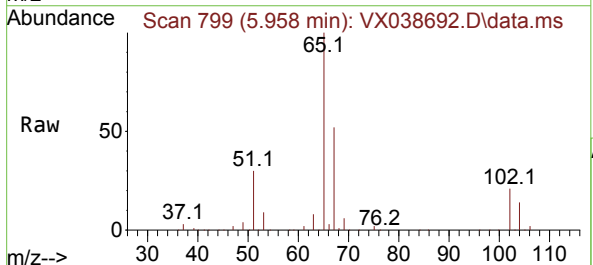


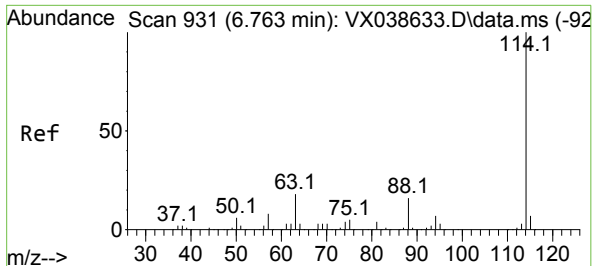
Tgt Ion: 56 Resp: 4558
Ion Ratio Lower Upper
56 100
69 184.4 23.4 35.2#
84 171.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.156 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 65 Resp: 156864
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

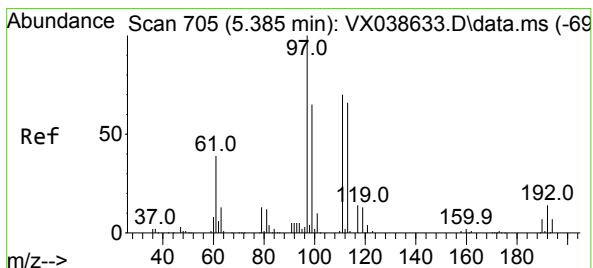
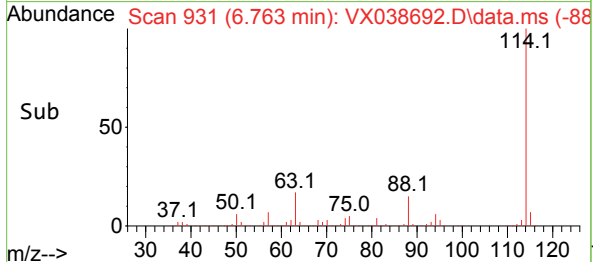
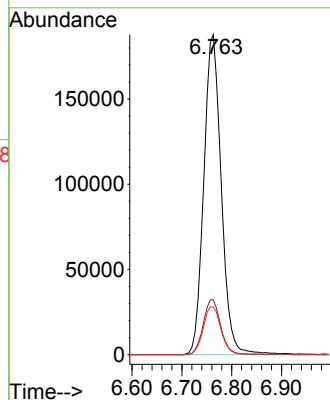
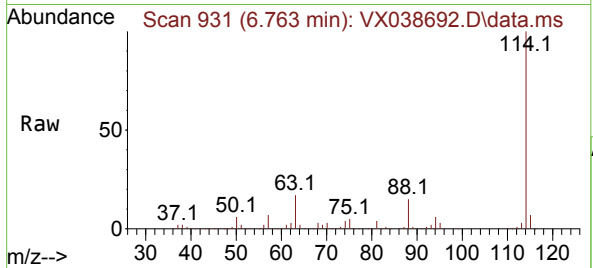




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

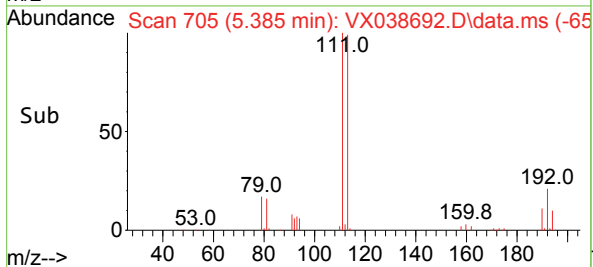
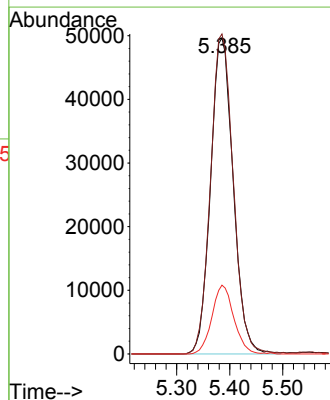
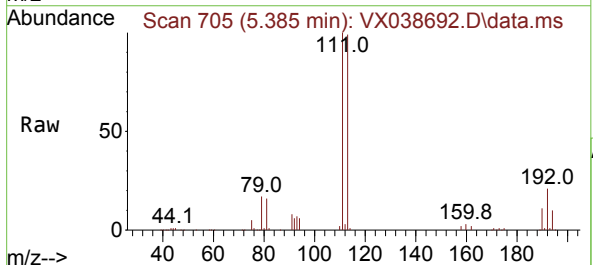
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

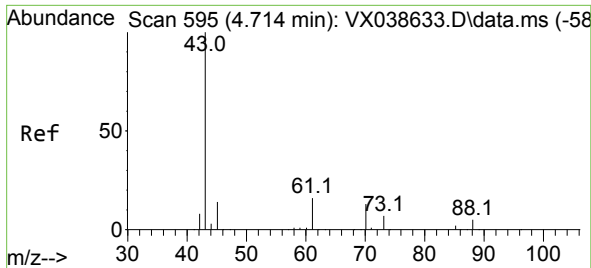
Tgt Ion:114 Resp: 457168
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.671 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion:113 Resp: 147085
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 21.0 13.3 19.9#





#37

Ethyl Acetate

Concen: 2.902 ug/l

RT: 4.672 min Scan# 51

Delta R.T. -0.042 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

231108067-02-VOA

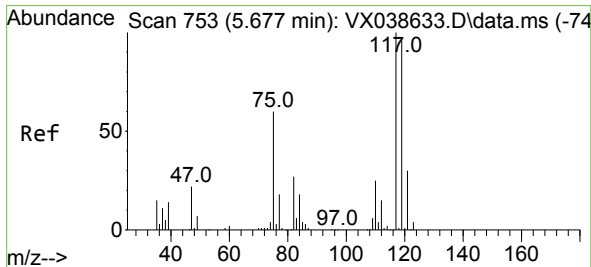
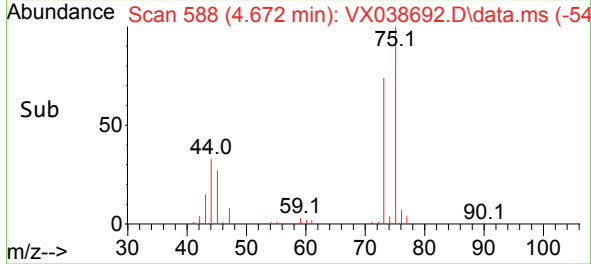
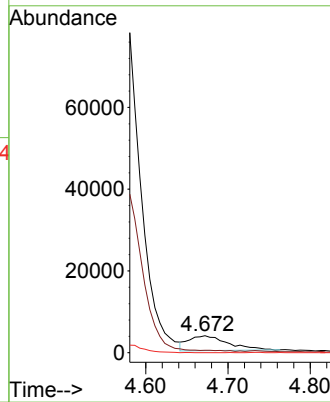
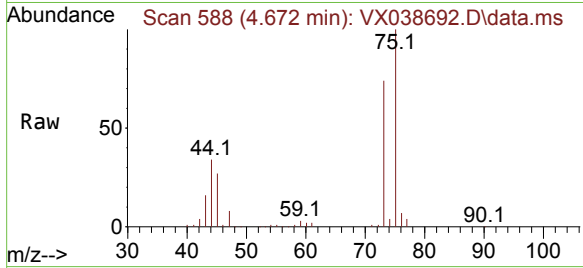
Tgt Ion: 43 Resp: 12117

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.744 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

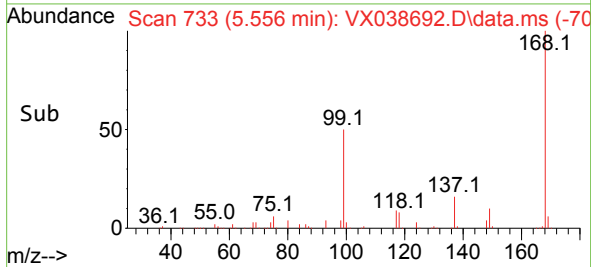
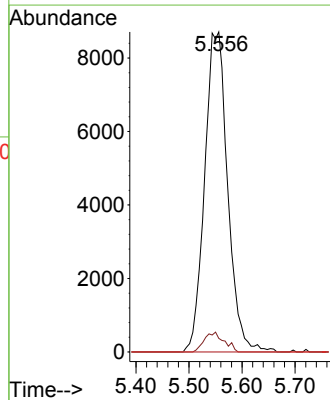
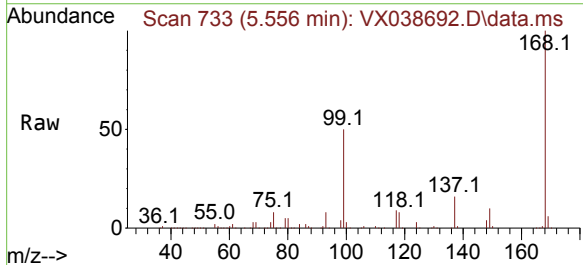
Tgt Ion: 117 Resp: 26266

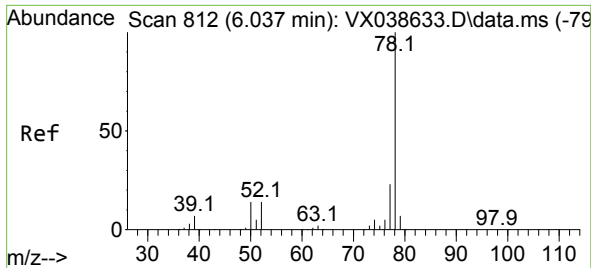
Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

121 0.0 24.4 36.6#

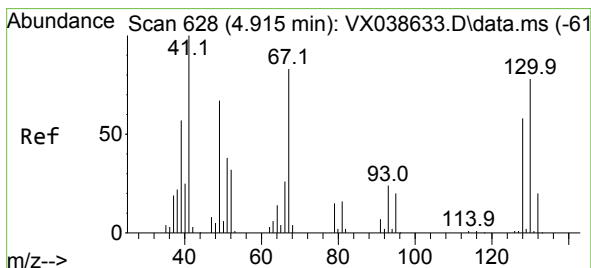
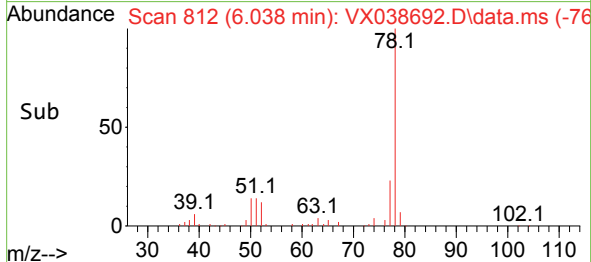
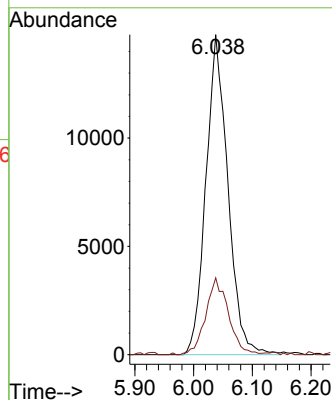
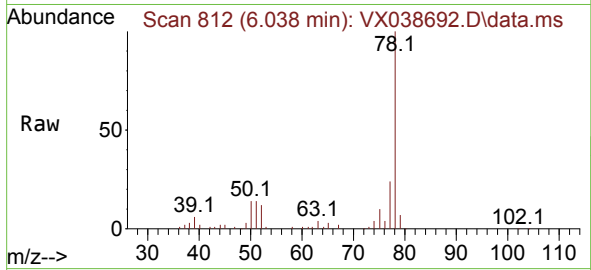




#40
Benzene
Concen: 3.253 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

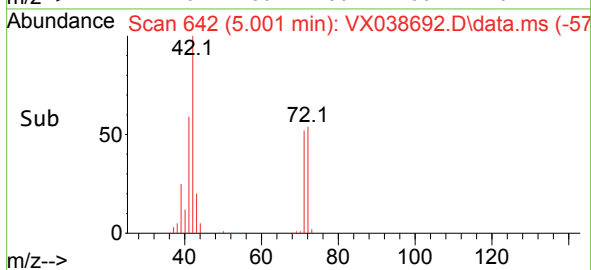
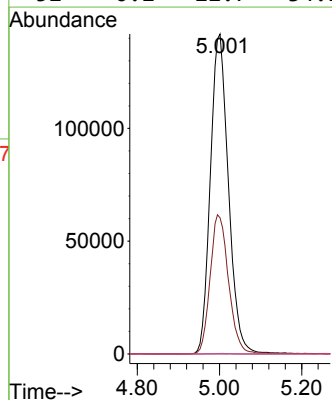
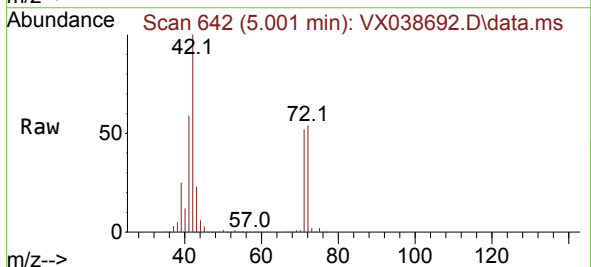
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

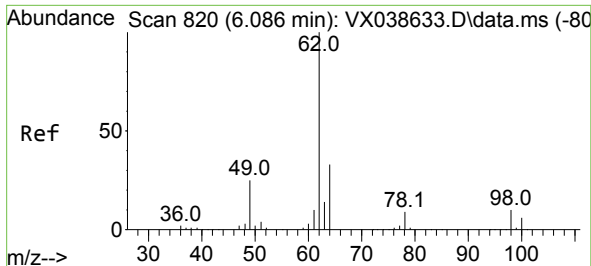
Tgt Ion: 78 Resp: 38328
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



#41
Methacrylonitrile
Concen: 203.365 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.086 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 41 Resp: 432656
Ion Ratio Lower Upper
41 100
39 44.2 45.2 67.8#
67 0.0 52.6 78.8#
52 0.2 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.308 ug/l

RT: 6.105 min Scan# 81

Delta R.T. 0.019 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

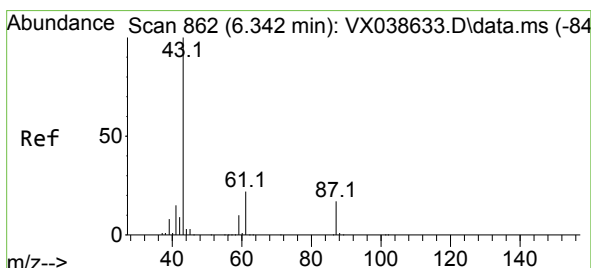
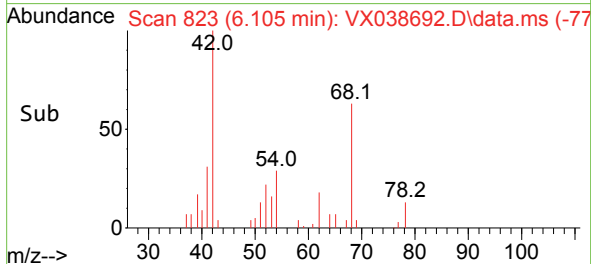
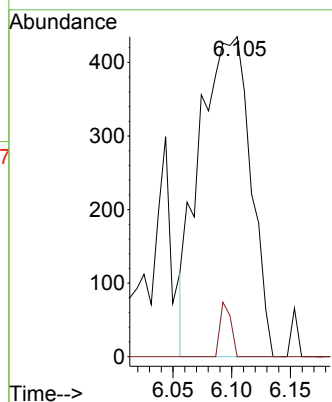
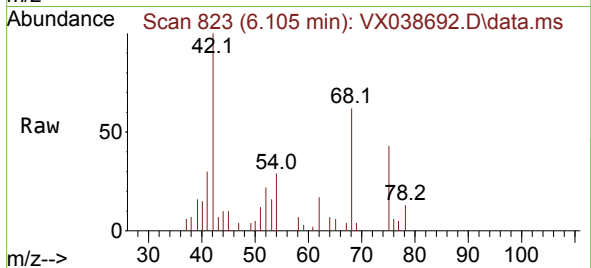
231108067-02-VOA

Tgt Ion: 62 Resp: 1311

Ion Ratio Lower Upper

62 100

98 3.7 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.539 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

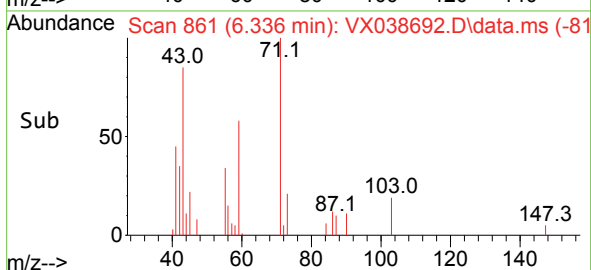
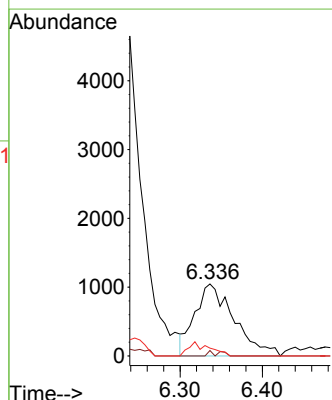
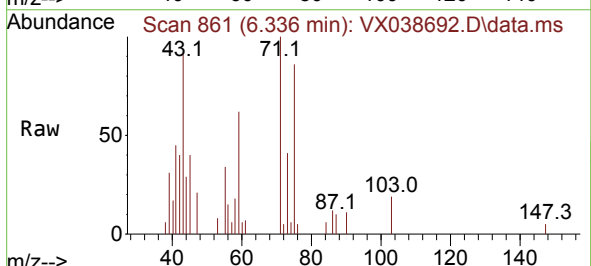
Tgt Ion: 43 Resp: 3462

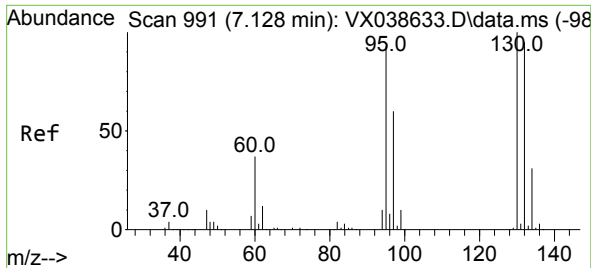
Ion Ratio Lower Upper

43 100

61 0.8 15.2 22.8#

87 10.5 9.8 14.6

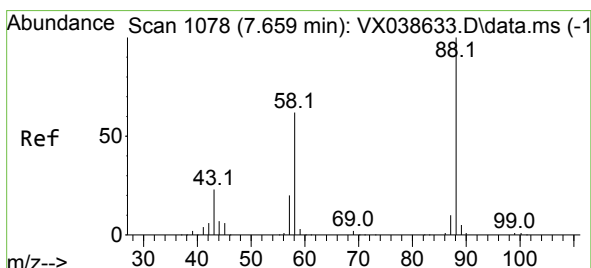
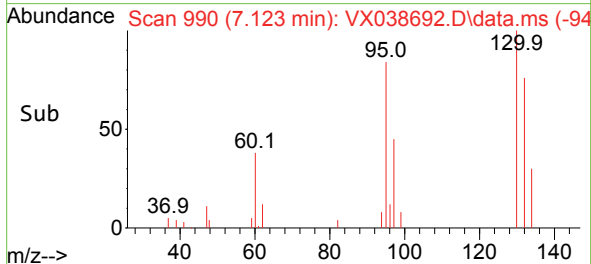
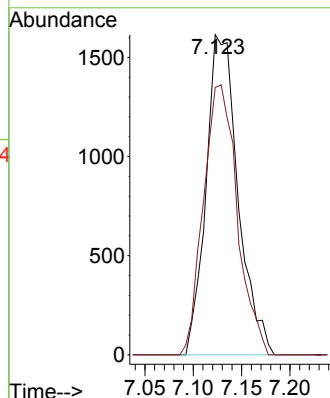
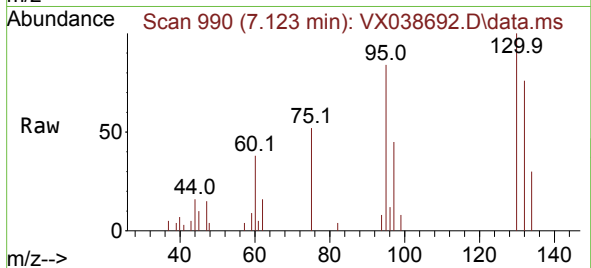




#44
Trichloroethene
Concen: 1.015 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

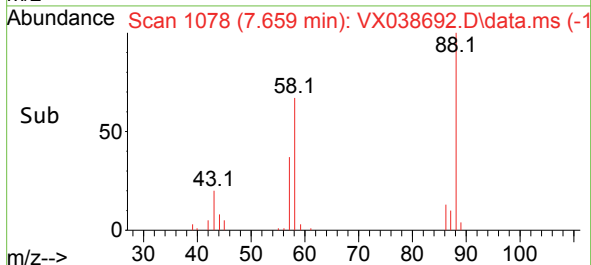
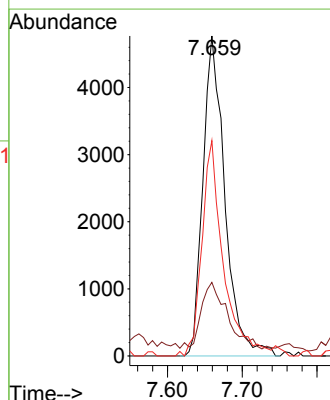
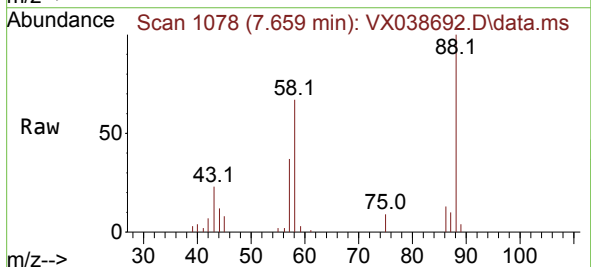
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

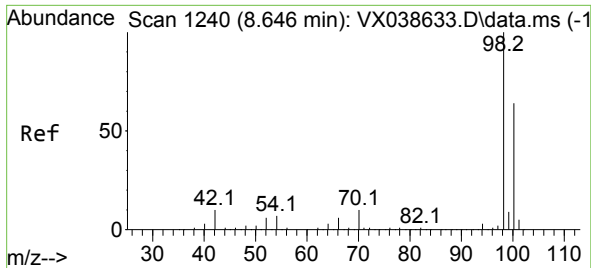
Tgt Ion:130 Resp: 3722
Ion Ratio Lower Upper
130 100
95 83.5 0.0 204.4



#49
1,4-Dioxane
Concen: 137.972 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 88 Resp: 9718
Ion Ratio Lower Upper
88 100
43 24.8 0.0 0.0#
58 65.6 60.1 90.1

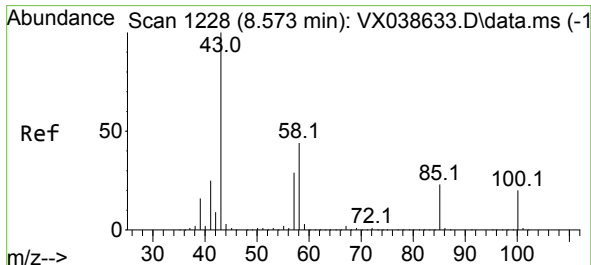
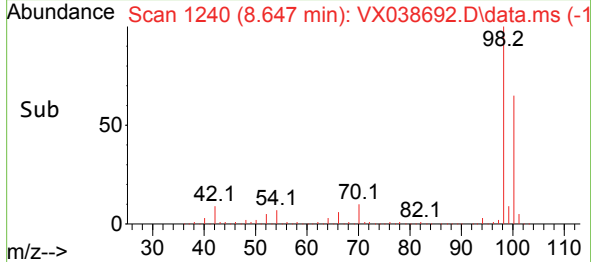
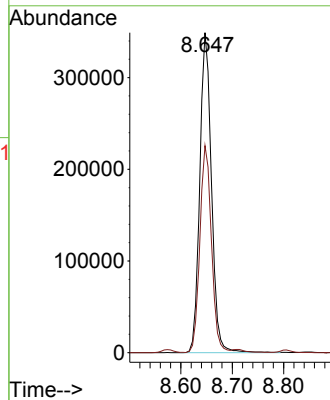
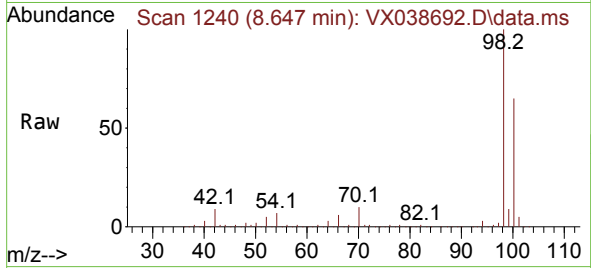




#50
Toluene-d8
Concen: 46.776 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

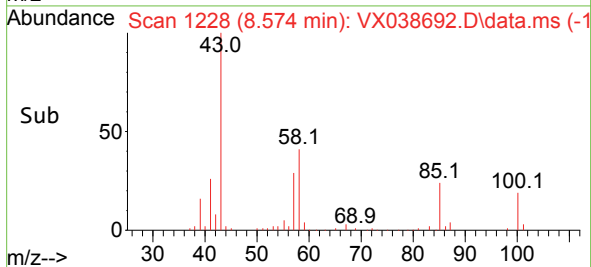
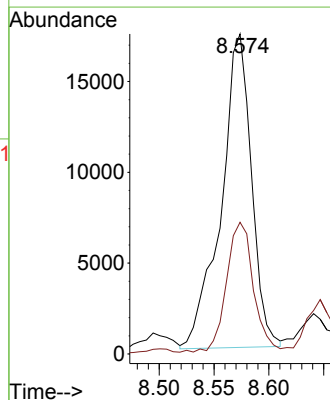
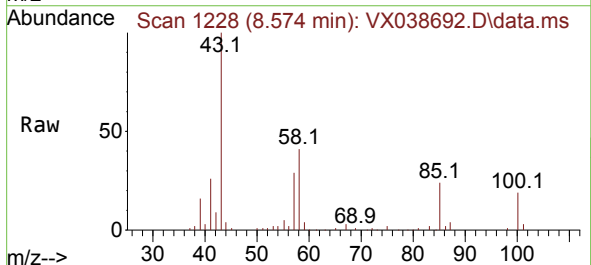
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

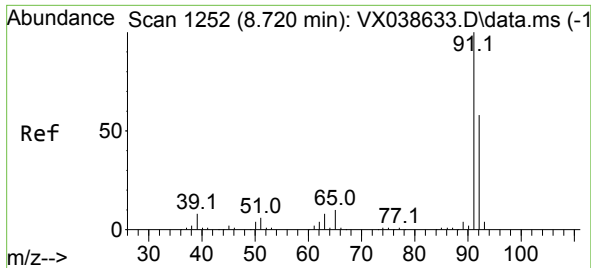
Tgt Ion: 98 Resp: 551134
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 7.948 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 43 Resp: 33247
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

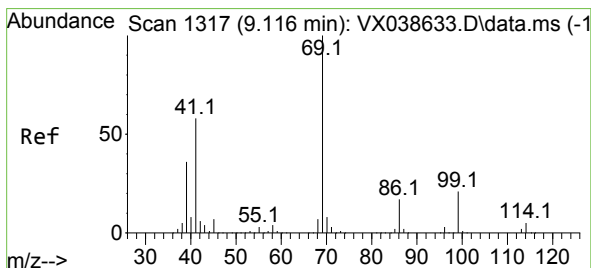
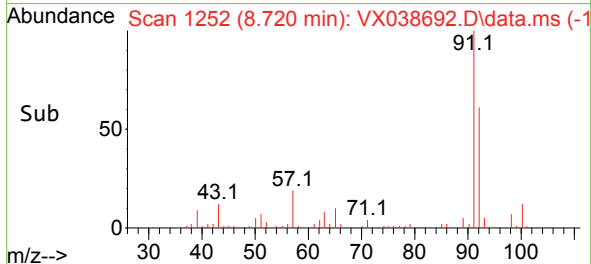
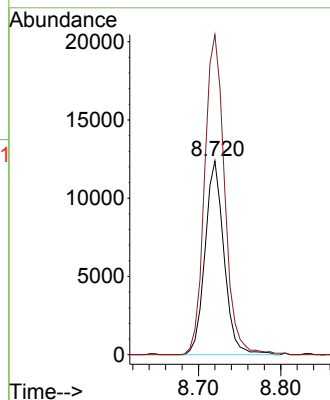
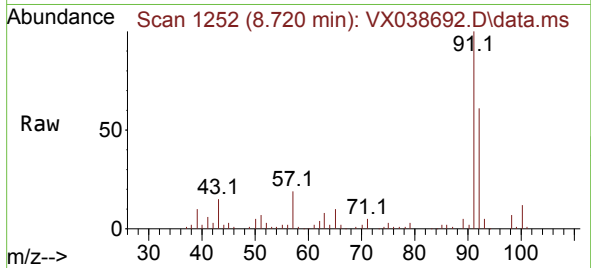




#52
Toluene
Concen: 2.579 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

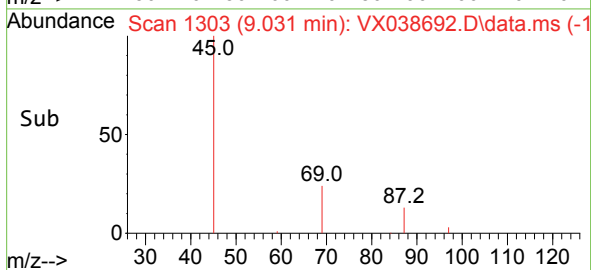
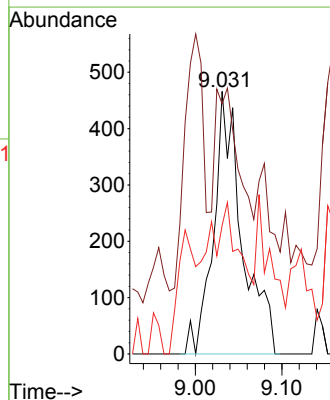
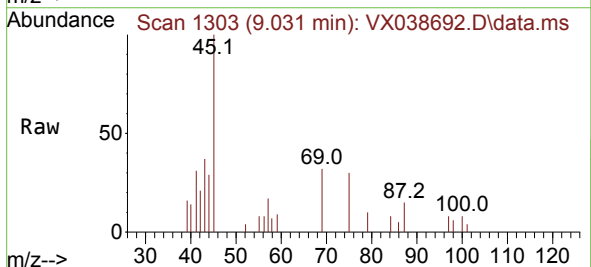
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

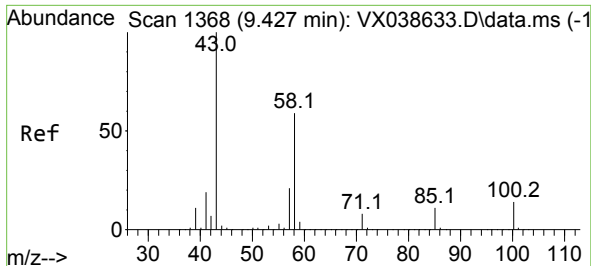
Tgt Ion: 92 Resp: 19906
Ion Ratio Lower Upper
92 100
91 174.2 134.2 201.2



#56
Ethyl methacrylate
Concen: 0.231 ug/l
RT: 9.031 min Scan# 1303
Delta R.T. -0.085 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 69 Resp: 1060
Ion Ratio Lower Upper
69 100
41 0.0 56.8 85.2#
39 36.1 32.0 48.0

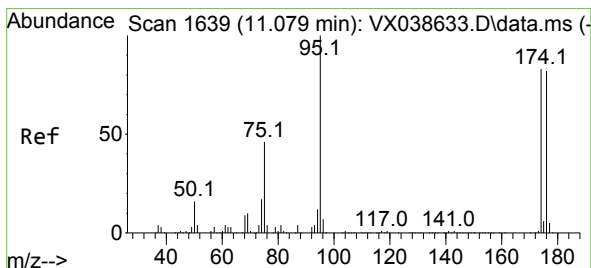
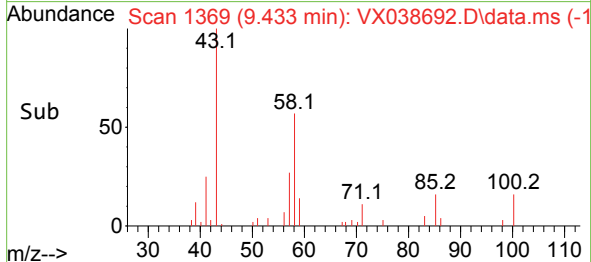
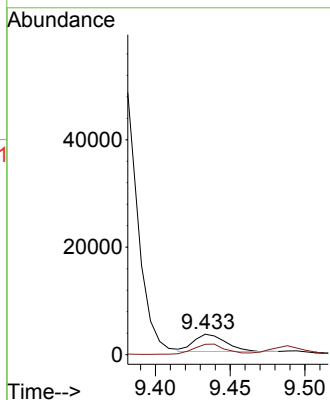
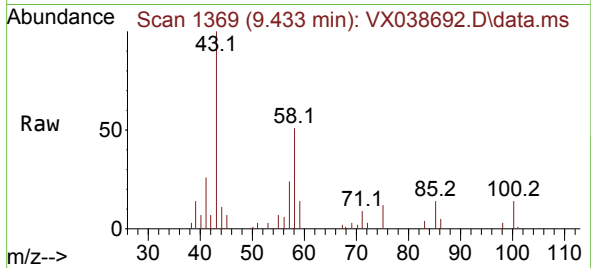




#59
2-Hexanone
Concen: 1.390 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

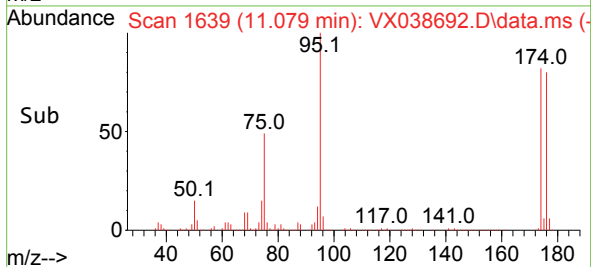
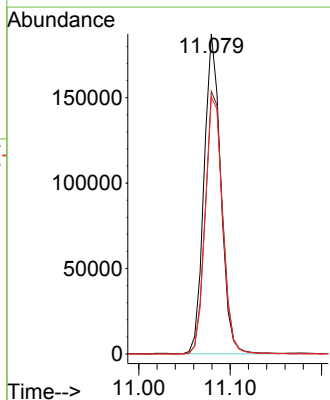
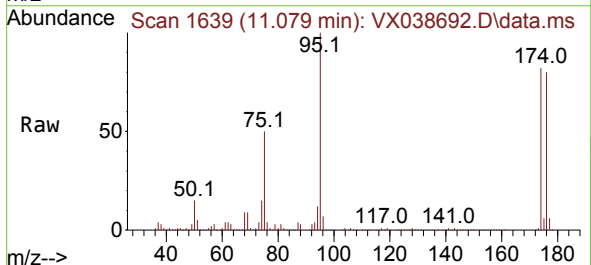
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

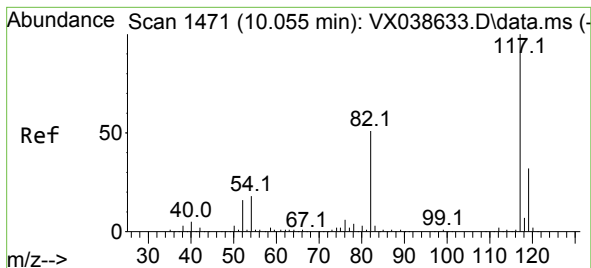
Tgt Ion: 43 Resp: 4706
Ion Ratio Lower Upper
43 100
58 63.9 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 51.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 95 Resp: 236198
Ion Ratio Lower Upper
95 100
174 85.9 0.0 135.6
176 83.6 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: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

231108067-02-VOA

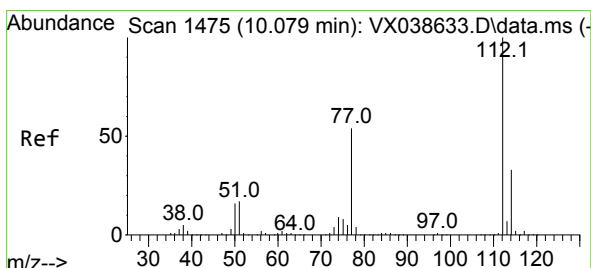
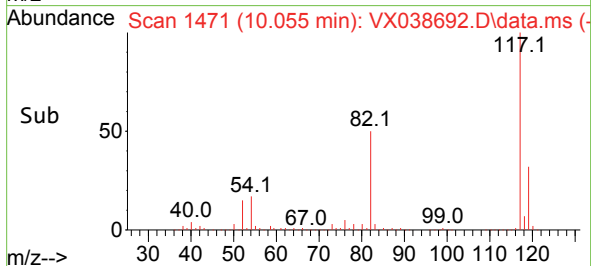
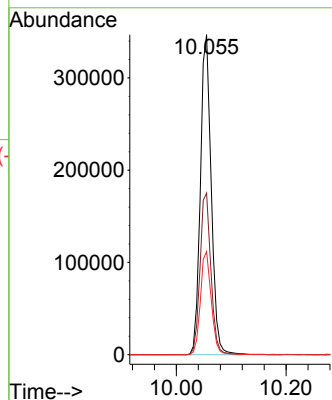
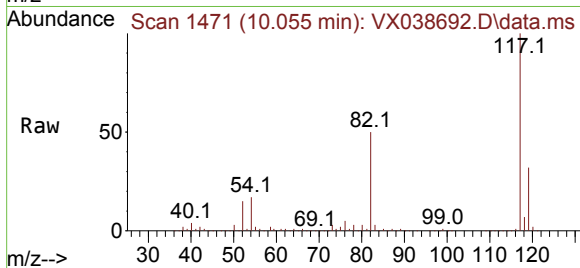
Tgt Ion:117 Resp: 476511

Ion Ratio Lower Upper

117 100

82 50.5 46.2 69.4

119 32.2 25.5 38.3



#65

Chlorobenzene

Concen: 0.890 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038692.D

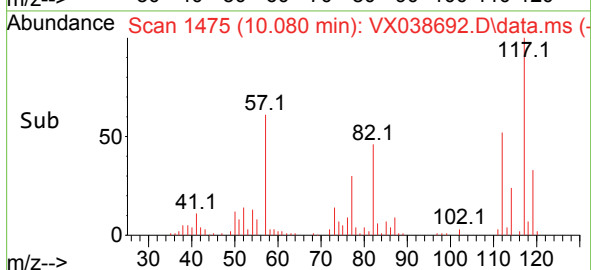
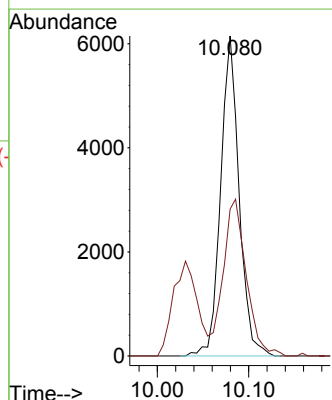
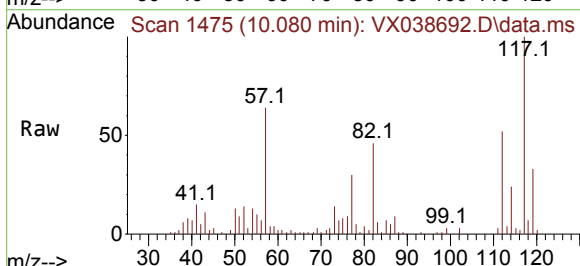
Acq: 09 Nov 2023 19:43

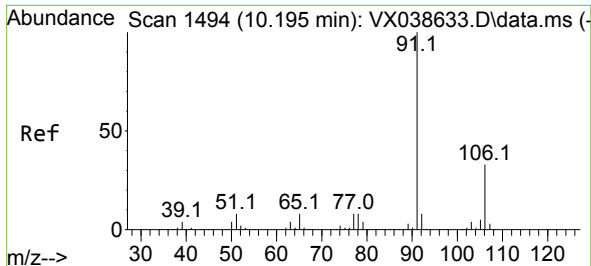
Tgt Ion:112 Resp: 8632

Ion Ratio Lower Upper

112 100

114 44.9 25.7 38.5#





#67

Ethyl Benzene

Concen: 2.954 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

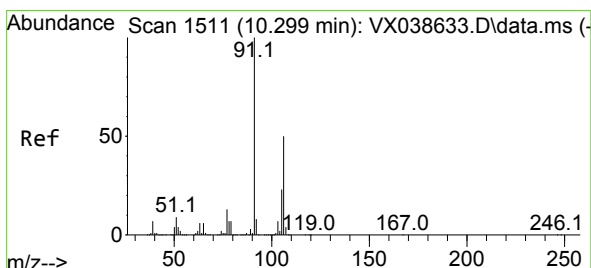
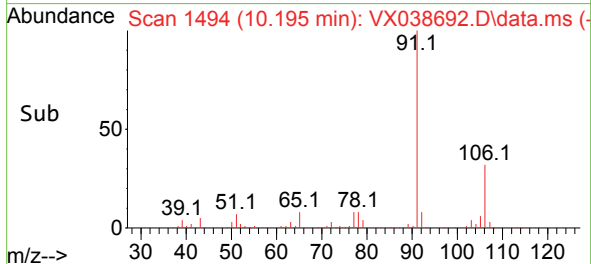
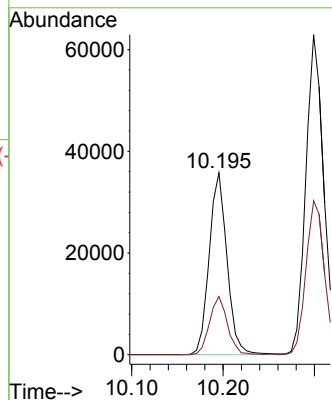
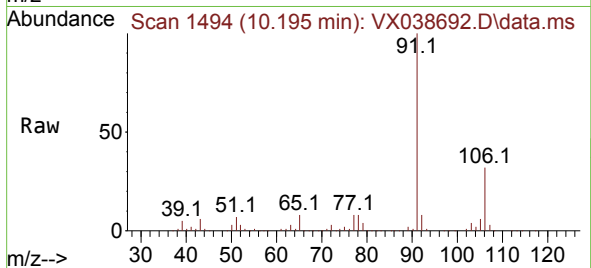
231108067-02-VOA

Tgt Ion: 91 Resp: 48471

Ion Ratio Lower Upper

91 100

106 31.9 24.9 37.3



#68

m/p-Xylenes

Concen: 6.673 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038692.D

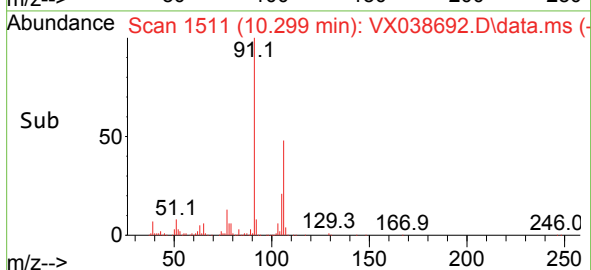
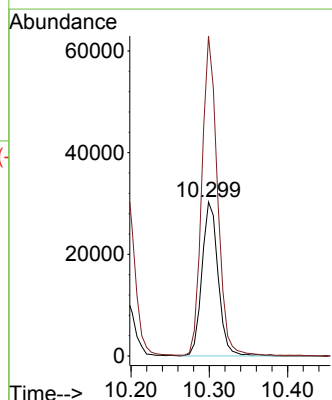
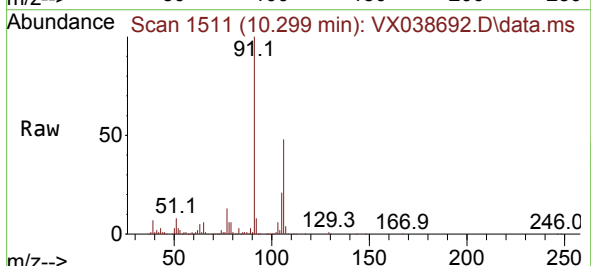
Acq: 09 Nov 2023 19:43

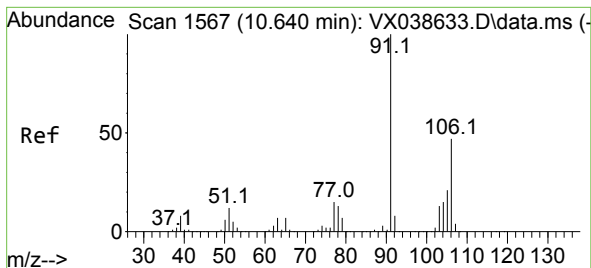
Tgt Ion: 106 Resp: 43456

Ion Ratio Lower Upper

106 100

91 199.8 165.5 248.3





#69

o-Xylene

Concen: 4.392 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

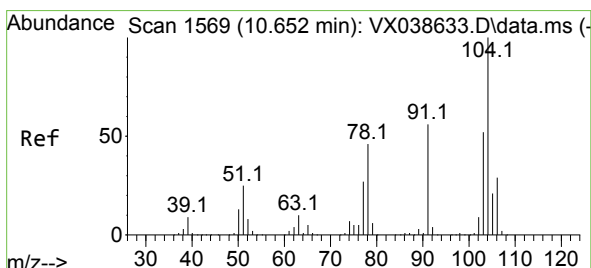
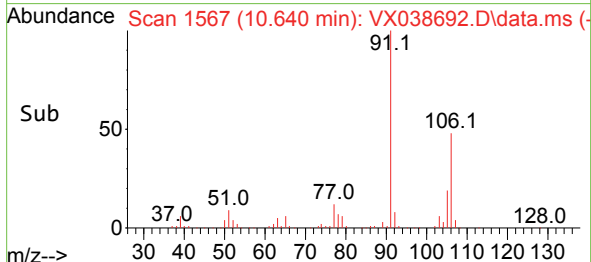
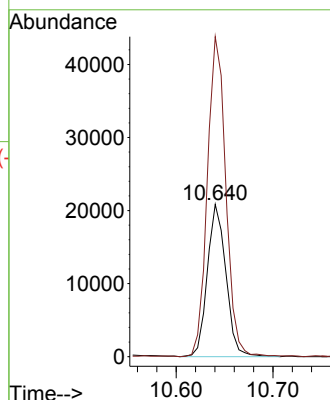
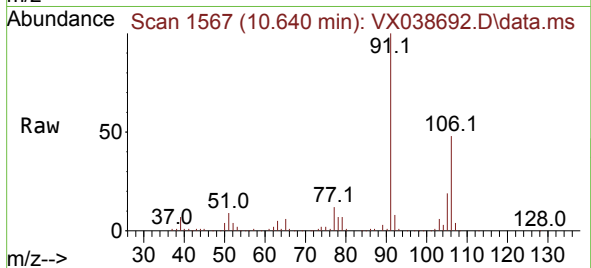
231108067-02-VOA

Tgt Ion:106 Resp: 27813

Ion Ratio Lower Upper

106 100

91 209.6 108.9 326.8



#70

Styrene

Concen: 0.434 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

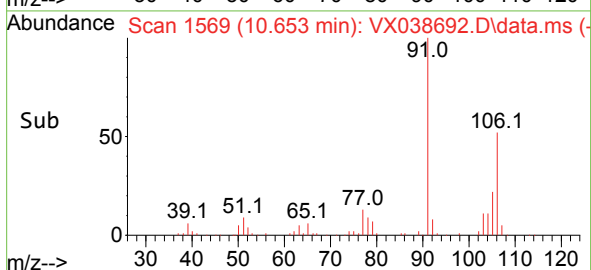
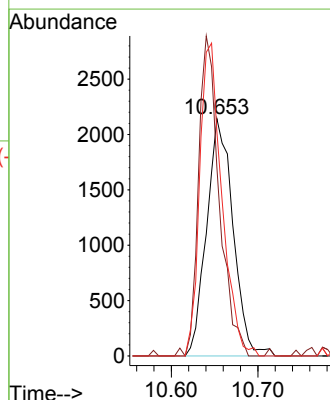
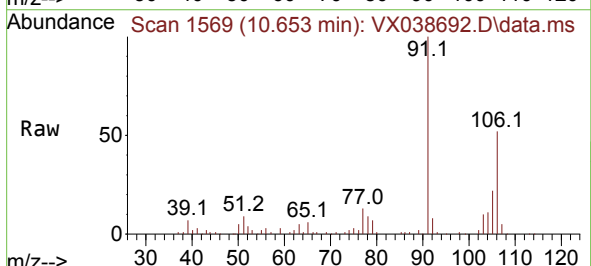
Tgt Ion:104 Resp: 4540

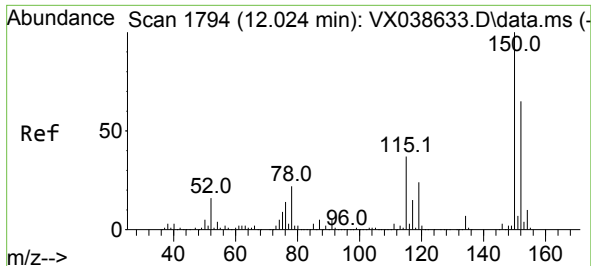
Ion Ratio Lower Upper

104 100

78 105.8 43.6 65.4#

103 110.8 43.6 65.4#

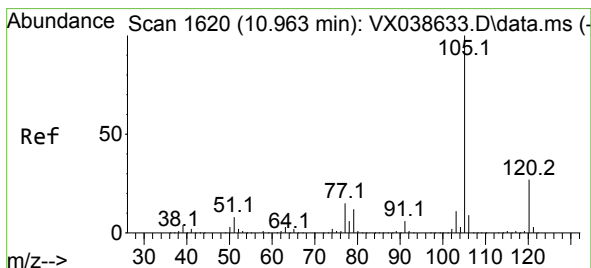
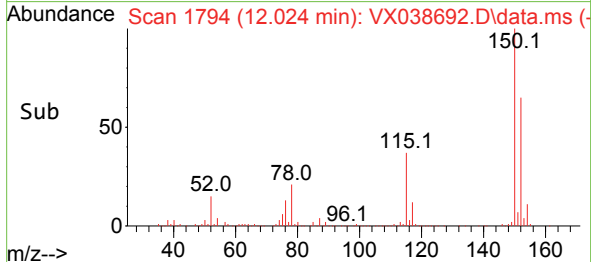
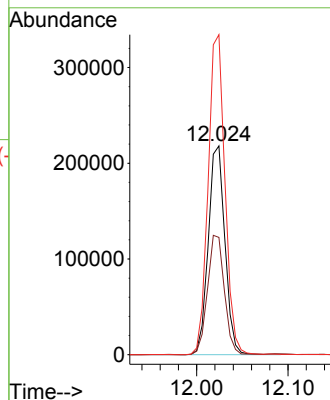
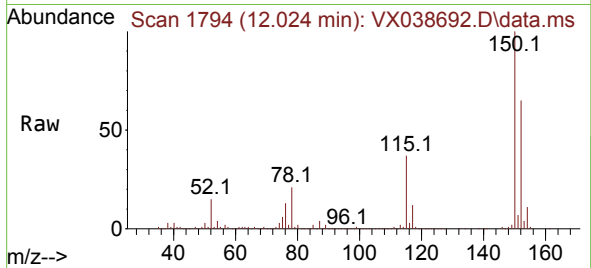




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

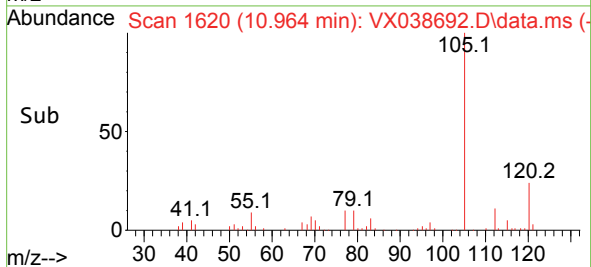
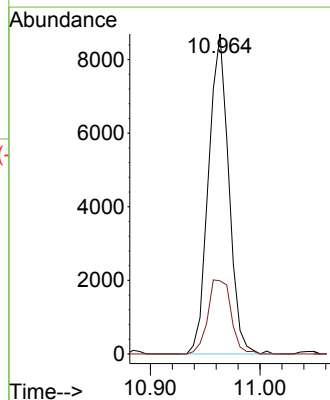
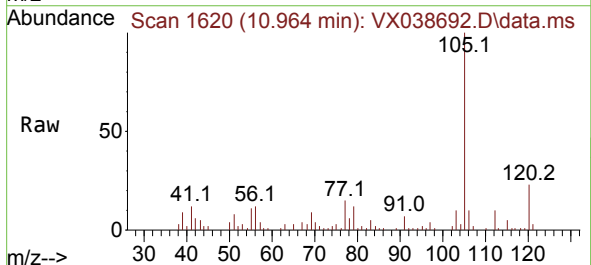
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

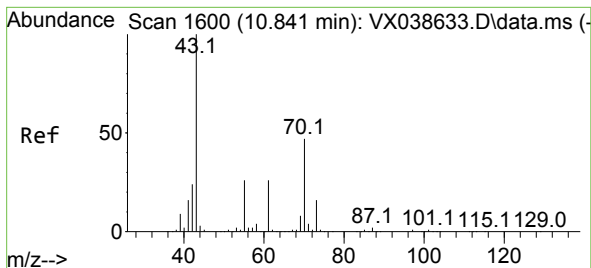
Tgt Ion:152 Resp: 275844
Ion Ratio Lower Upper
152 100
115 57.8 43.3 129.9
150 155.2 0.0 345.0



#73
Isopropylbenzene
Concen: 0.658 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion:105 Resp: 11135
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6





#74

N-amy1 acetate

Concen: 0.918 ug/l

RT: 10.890 min Scan# 1608

Delta R.T. 0.049 min

Lab File: VX038692.D

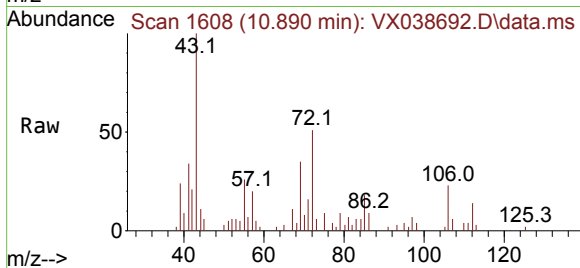
Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

231108067-02-VOA



Tgt Ion: 43 Resp: 5397

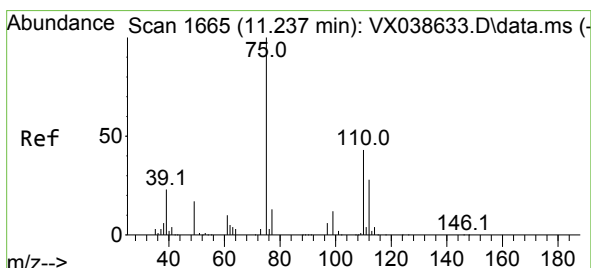
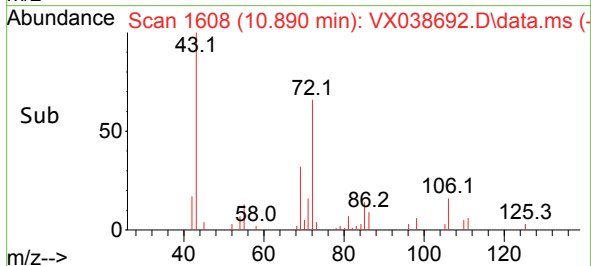
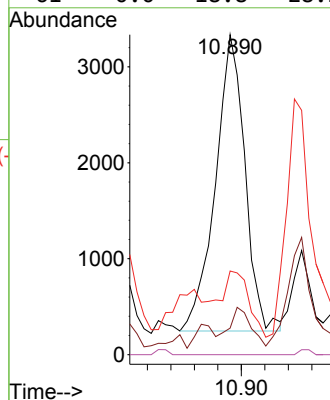
Ion Ratio Lower Upper

43 100

70 9.2 32.9 49.3#

55 21.3 19.3 28.9

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 20.987 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038692.D

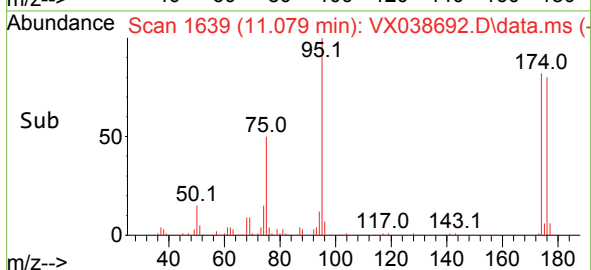
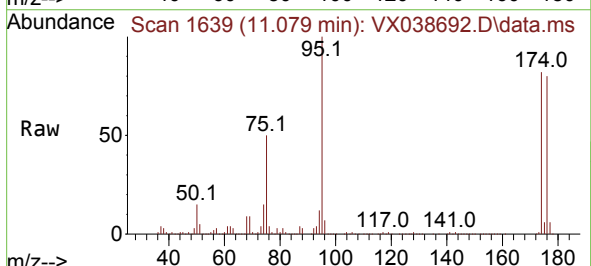
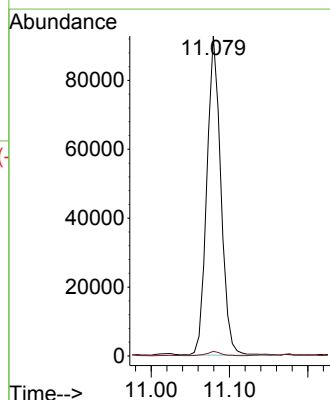
Acq: 09 Nov 2023 19:43

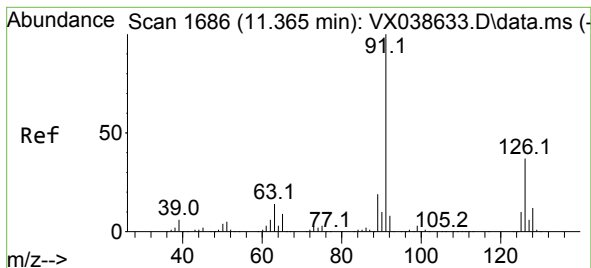
Tgt Ion: 75 Resp: 114651

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#





#79

2-Chlorotoluene

Concen: 0.274 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

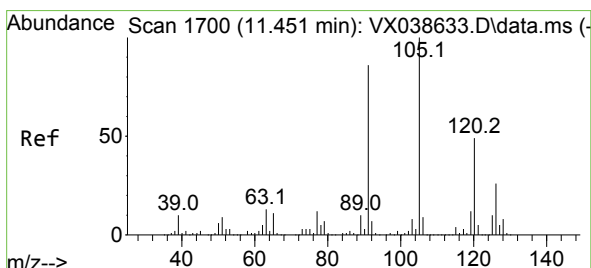
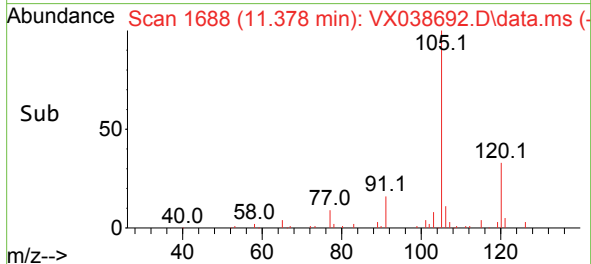
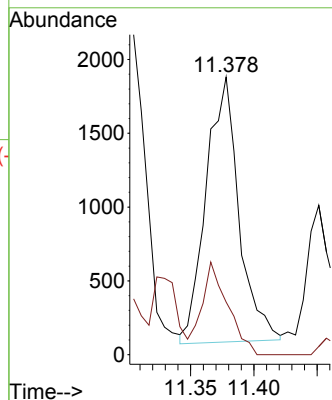
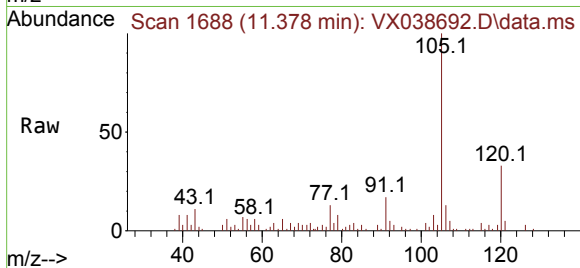
231108067-02-VOA

Tgt Ion: 91 Resp: 3234

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.590 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038692.D

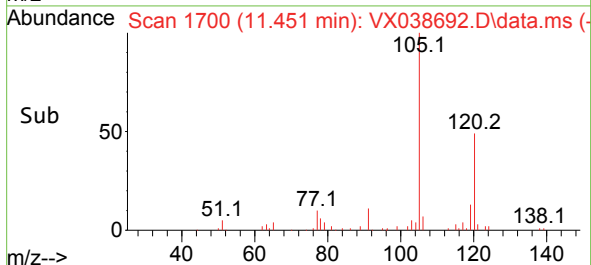
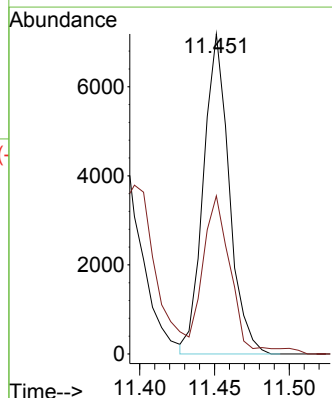
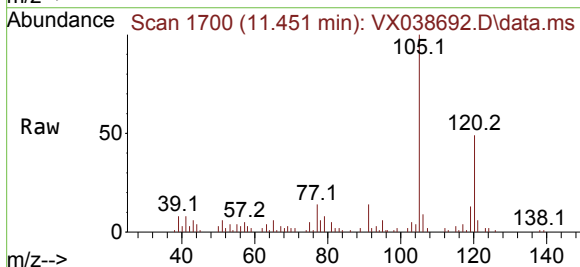
Acq: 09 Nov 2023 19:43

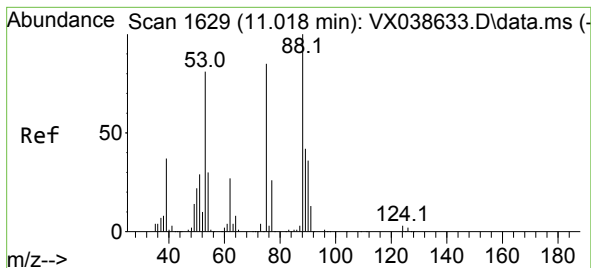
Tgt Ion: 105 Resp: 8598

Ion Ratio Lower Upper

105 100

120 53.3 24.1 72.3

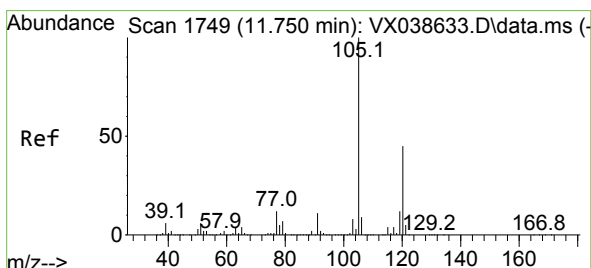
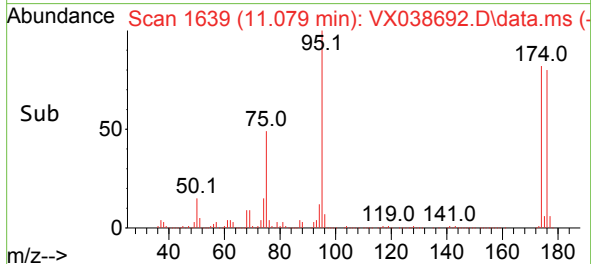
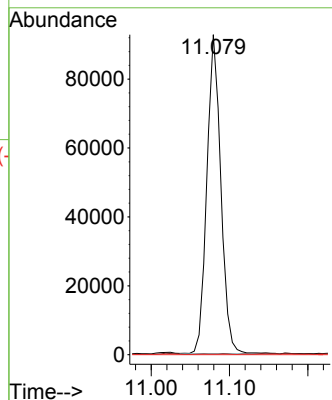
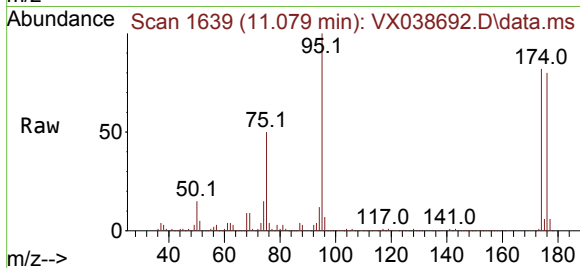




#81
trans-1,4-Dichloro-2-butene
Concen: 63.797 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

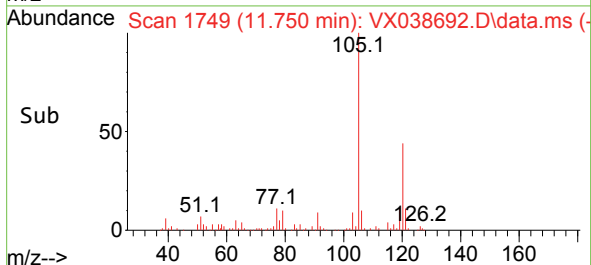
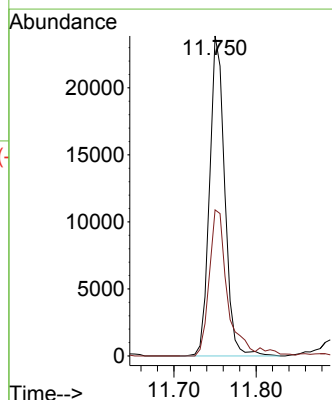
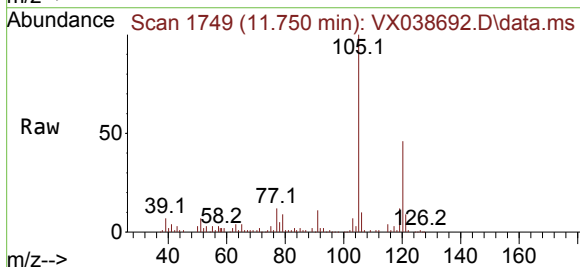
Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

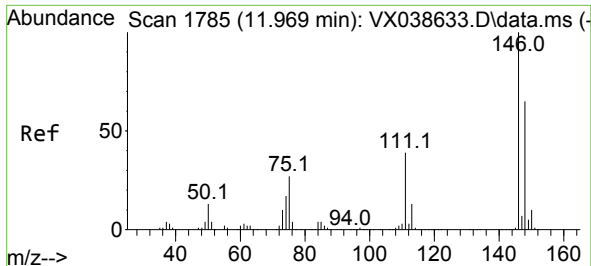
Tgt Ion: 75 Resp: 114651
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 2.117 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Tgt Ion: 105 Resp: 30575
Ion Ratio Lower Upper
105 100
120 53.8 21.2 63.6





#87

1,3-Dichlorobenzene

Concen: 2.548 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.074 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

231108067-02-VOA

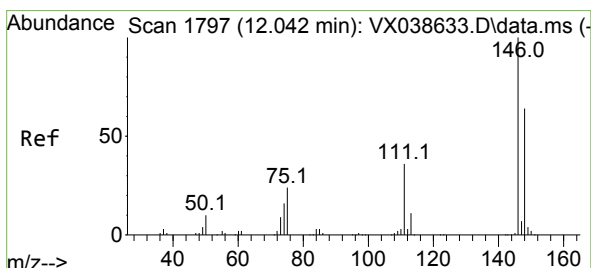
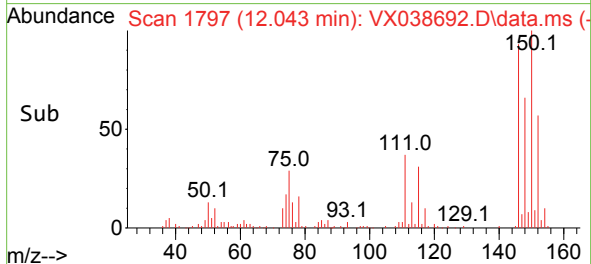
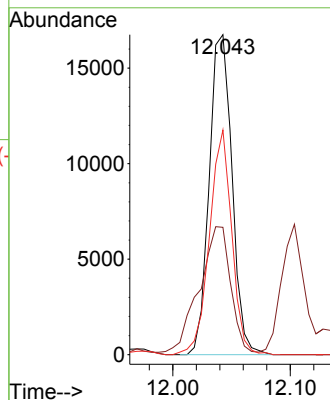
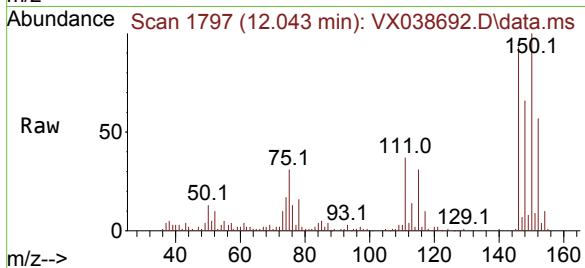
Tgt Ion:146 Resp: 22625

Ion Ratio Lower Upper

146 100

111 54.7 22.1 66.1

148 68.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 2.479 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

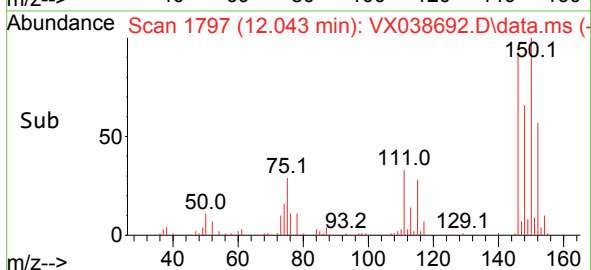
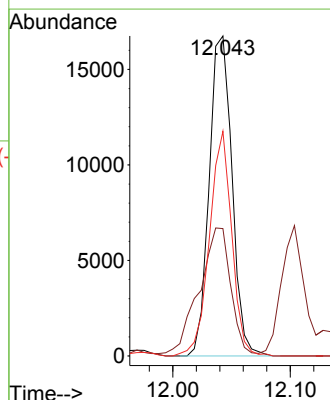
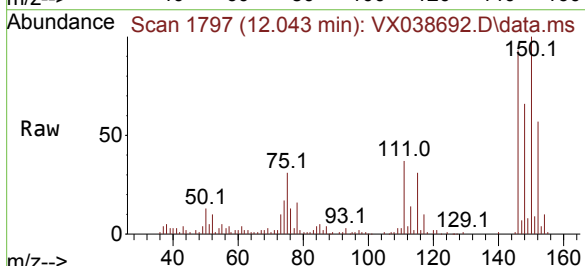
Tgt Ion:146 Resp: 22625

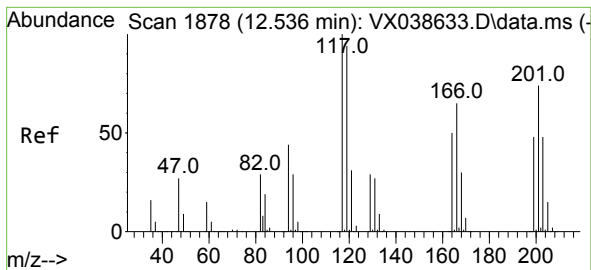
Ion Ratio Lower Upper

146 100

111 55.2 21.3 63.7

148 68.7 31.8 95.4





#90

Hexachloroethane

Concen: 0.432 ug/l

RT: 12.524 min Scan# 1147

Delta R.T. -0.012 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

Instrument :

MSVOA_X

ClientSampleId :

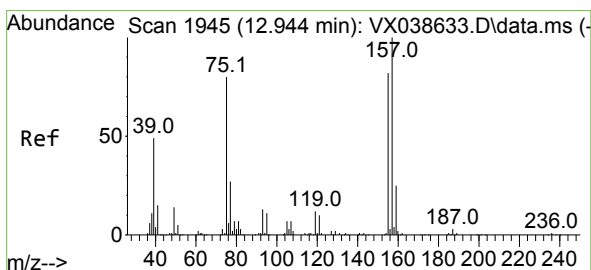
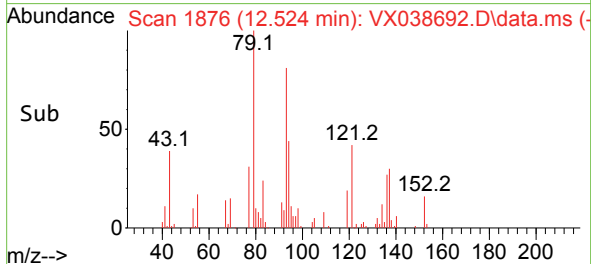
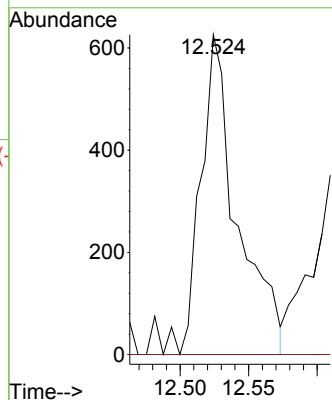
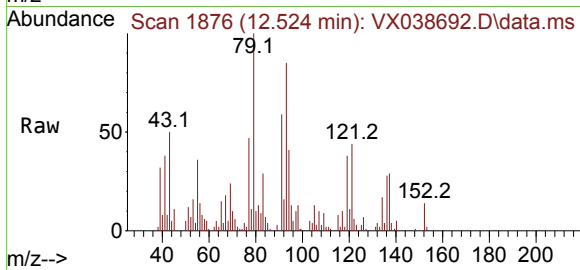
231108067-02-VOA

Tgt Ion:117 Resp: 1147

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.360 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.007 min

Lab File: VX038692.D

Acq: 09 Nov 2023 19:43

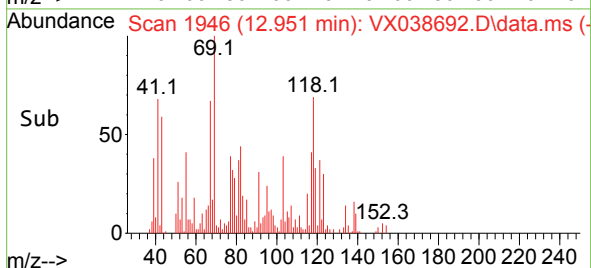
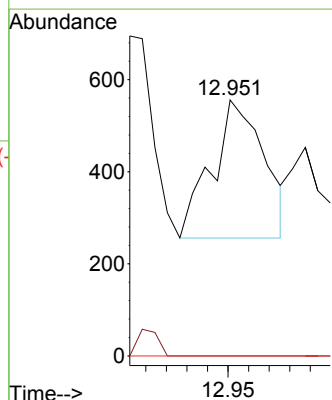
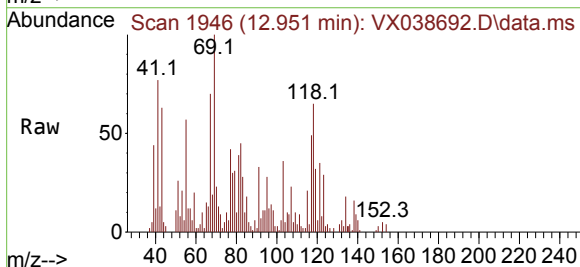
Tgt Ion: 75 Resp: 529

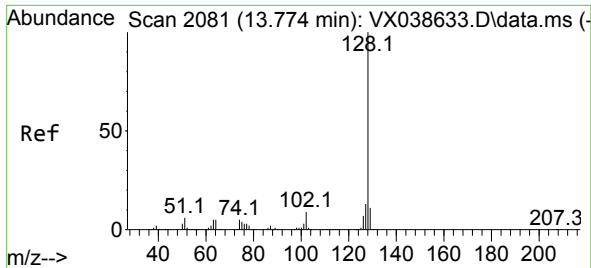
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

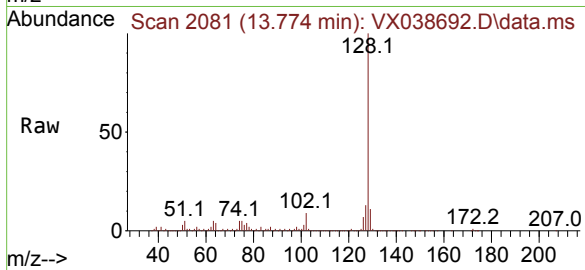
157 0.0 44.9 134.7#





#95
Naphthalene
Concen: 12.838 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038692.D
Acq: 09 Nov 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA



Tgt Ion:128 Resp: 240196
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.8 13.2

