

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033848.D
 Acq On : 23 Jan 2023 14:47
 Operator : JC/MD
 Sample : PB150369ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150369ZHE#07

Quant Time: Jan 24 00:41:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

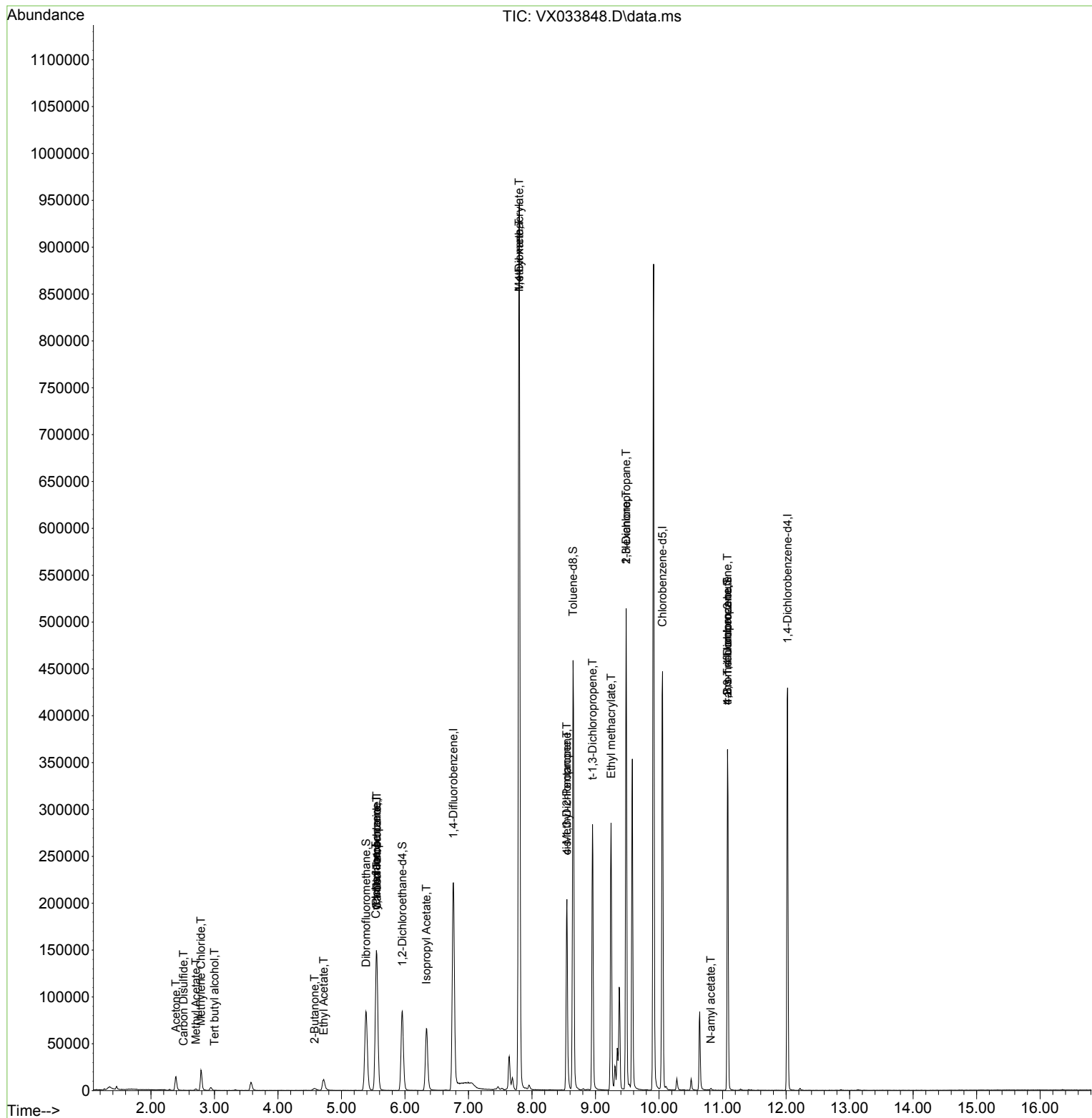
Internal Standards						
1) Pentafluorobenzene	5.550	168	160484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79903	47.287	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.580%		
35) Dibromofluoromethane	5.385	113	74038	49.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	8.647	98	274868	50.406	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.820%		
62) 4-Bromofluorobenzene	11.079	95	93840	46.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.700%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.001	59	226	0.770	ug/l #	86
16) Acetone	2.392	43	18879	19.312	ug/l	96
17) Carbon Disulfide	2.514	76	200	1.881	ug/l #	76
18) Methyl Acetate	2.709	43	2162	0.917	ug/l #	89
20) Methylene Chloride	2.788	84	10529	4.907	ug/l	97
25) 2-Butanone	4.574	43	2605	2.359	ug/l	94
31) Cyclohexane	5.544	56	2350	0.945	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9577	4.384	ug/l #	48
37) Ethyl Acetate	4.721	43	22798	8.570	ug/l	98
38) Carbon Tetrachloride	5.556	117	13929	6.157	ug/l #	14
43) Isopropyl Acetate	6.336	43	92824	26.919	ug/l	98
48) Methyl methacrylate	7.799	41	78531	45.209	ug/l #	44
49) 1,4-Dioxane	7.799	88	112	2.915	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	69378	32.760	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	629	0.293	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	33832	14.063	ug/l #	60
56) Ethyl methacrylate	9.244	69	583	0.255	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4639	1.758	ug/l #	43
59) 2-Hexanone	9.482	43	59460	40.339	ug/l #	51
73) Isopropylbenzene	11.079	105	126	Below Cal	#	48
74) N-amyl acetate	10.817	43	728	0.271	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	43409	23.074	ug/l #	34
79) 2-Chlorotoluene	11.457	91	28	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43409	71.713	ug/l #	8
82) 4-Chlorotoluene	11.457	91	28	Below Cal	#	43

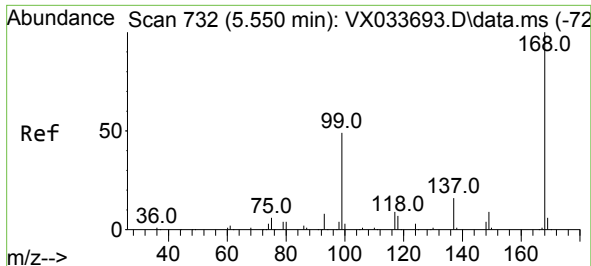
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

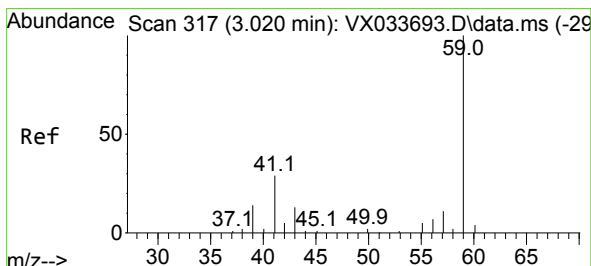
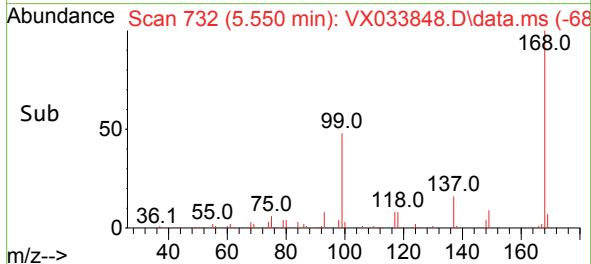
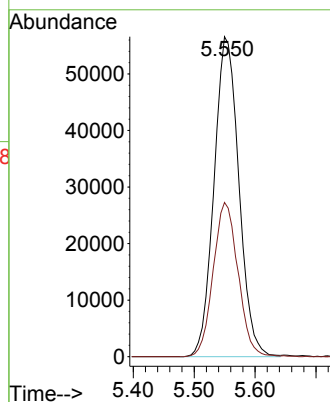
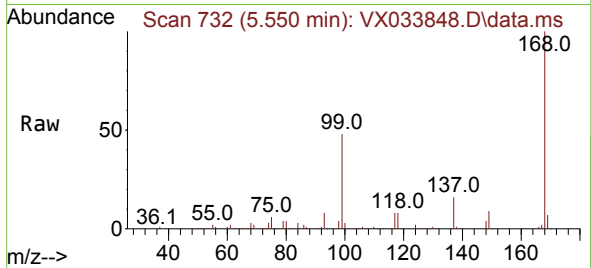




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

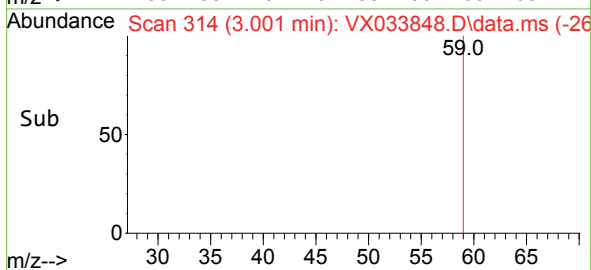
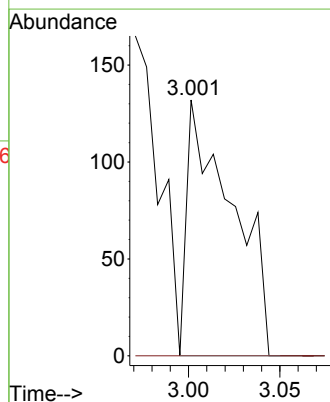
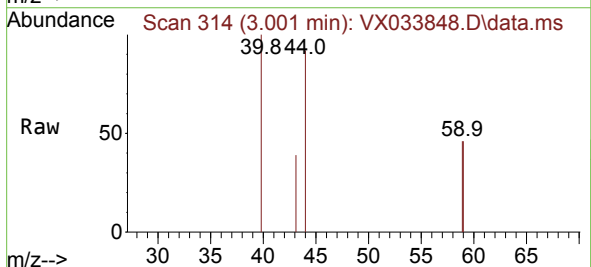
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

Tgt Ion:168 Resp: 160484
Ion Ratio Lower Upper
168 100
99 48.2 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.770 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.018 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

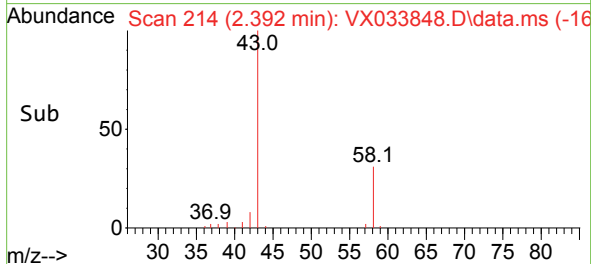
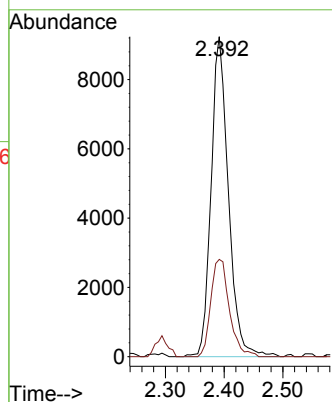
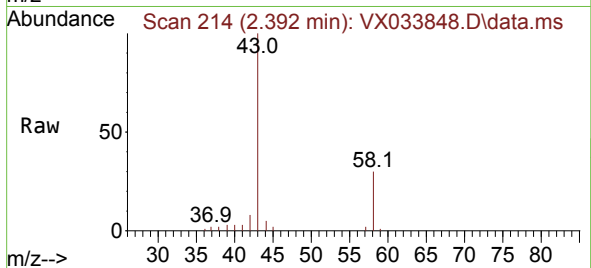




#16
Acetone
Concen: 19.312 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

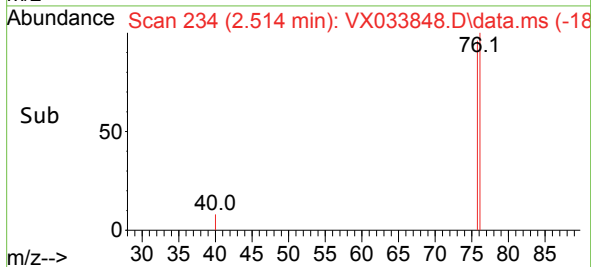
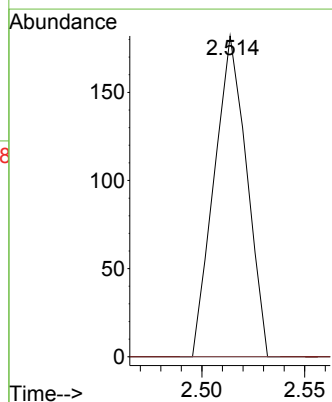
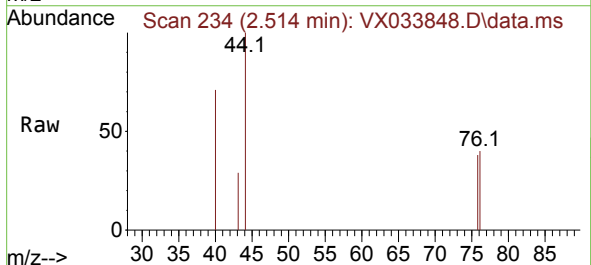
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

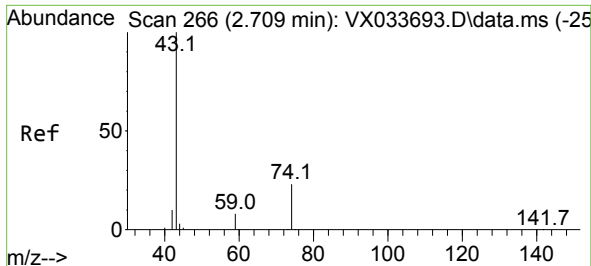
Tgt Ion: 43 Resp: 18879
Ion Ratio Lower Upper
43 100
58 30.4 22.6 33.8



#17
Carbon Disulfide
Concen: 1.881 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 76 Resp: 200
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

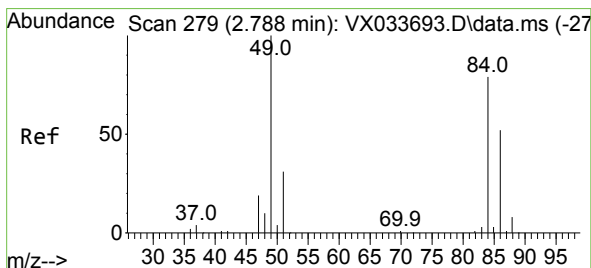
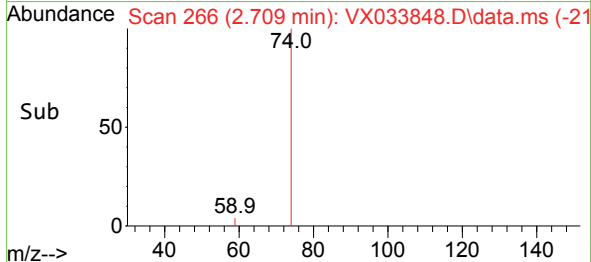
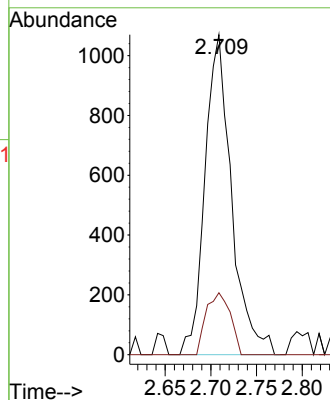
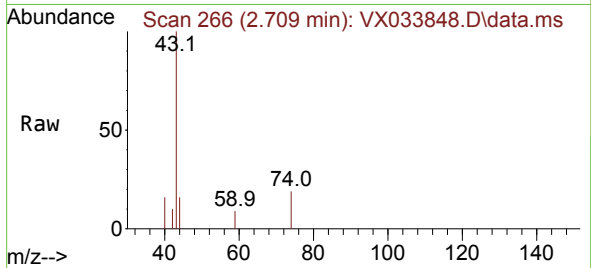




#18
Methyl Acetate
Concen: 0.917 ug/l
RT: 2.709 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

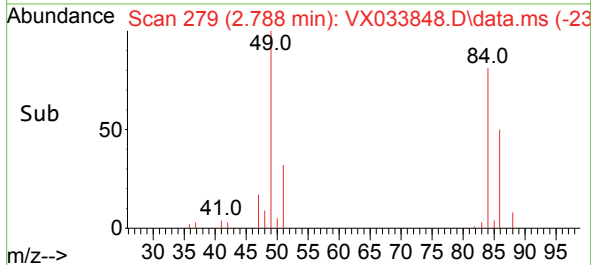
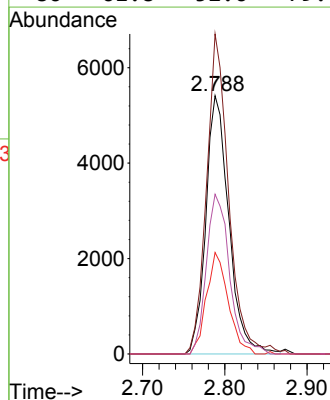
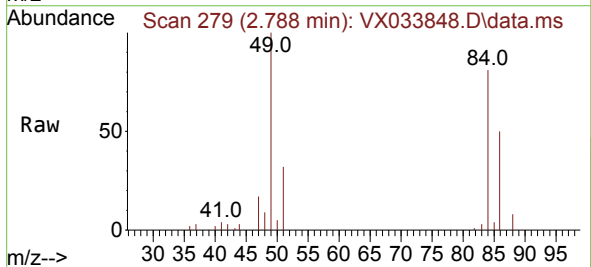
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

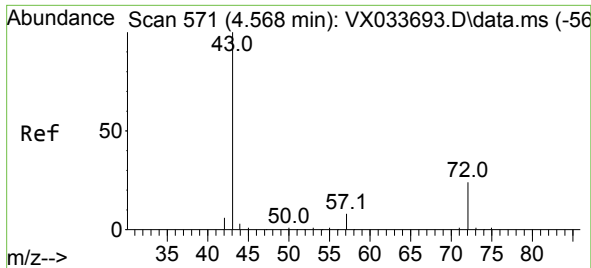
Tgt Ion: 43 Resp: 2162
Ion Ratio Lower Upper
43 100
74 17.5 18.2 27.4#



#20
Methylene Chloride
Concen: 4.907 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 84 Resp: 10529
Ion Ratio Lower Upper
84 100
49 123.9 101.1 151.7
51 39.3 31.0 46.6
86 61.8 52.6 79.0

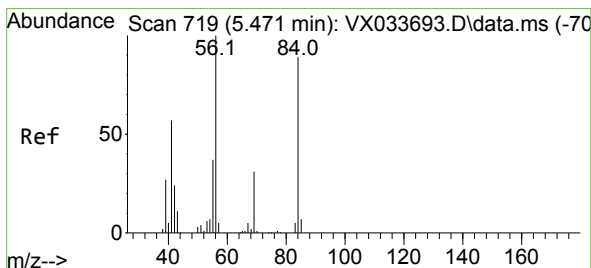
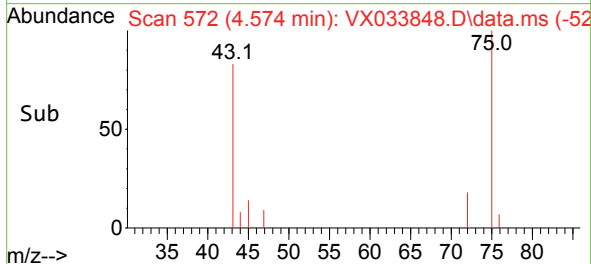
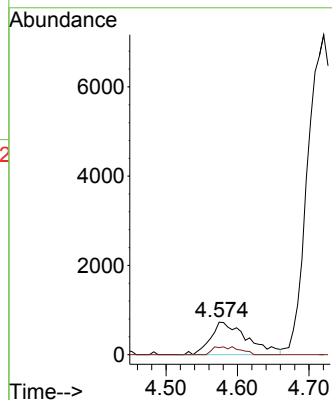
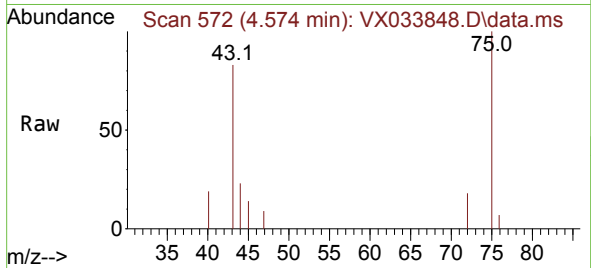




#25
2-Butanone
Concen: 2.359 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

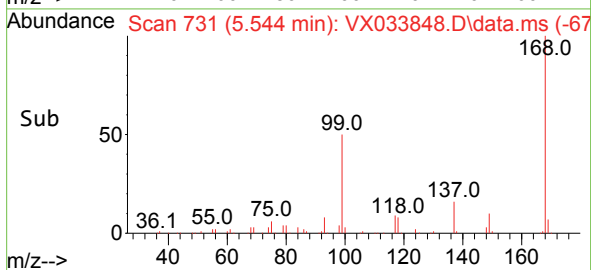
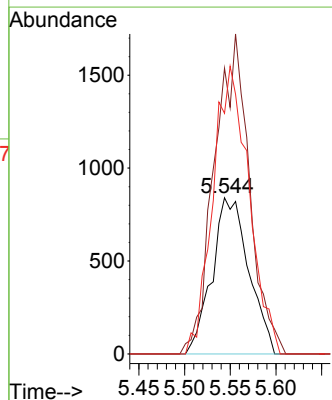
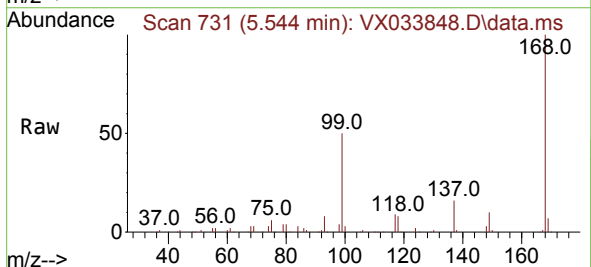
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

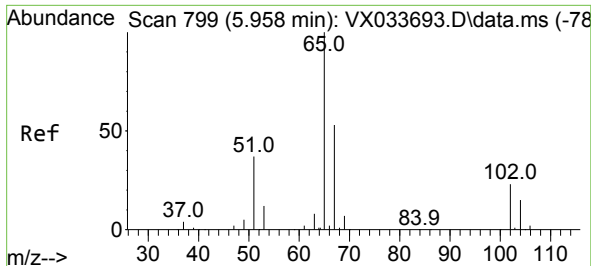
Tgt Ion: 43 Resp: 2605
Ion Ratio Lower Upper
43 100
72 21.5 19.4 29.2



#31
Cyclohexane
Concen: 0.945 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 56 Resp: 2350
Ion Ratio Lower Upper
56 100
69 183.1 24.6 37.0#
84 154.2 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 47.287 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033848.D

Acq: 23 Jan 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

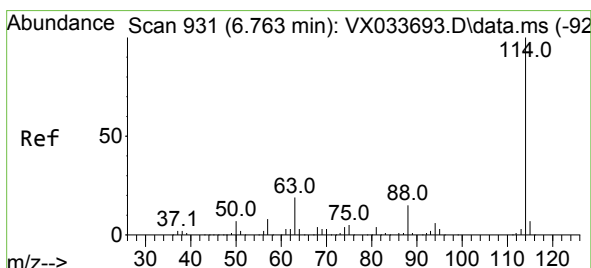
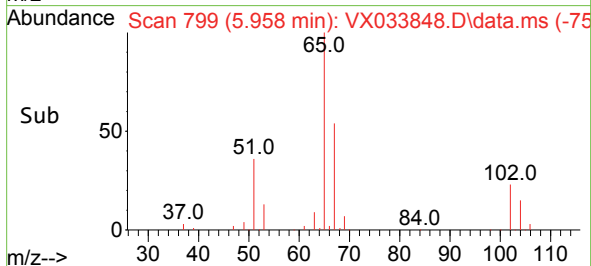
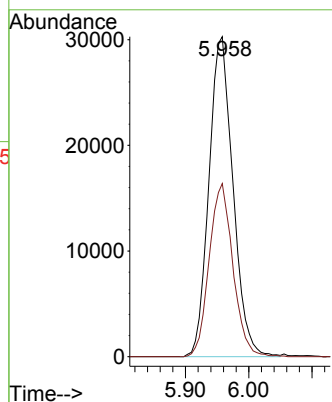
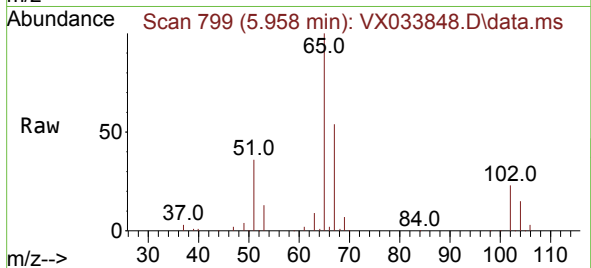
PB150369ZHE#07

Tgt Ion: 65 Resp: 79903

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033848.D

Acq: 23 Jan 2023 14:47

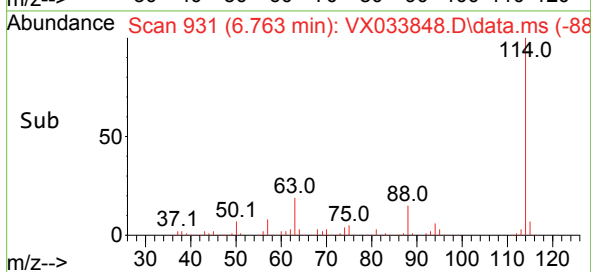
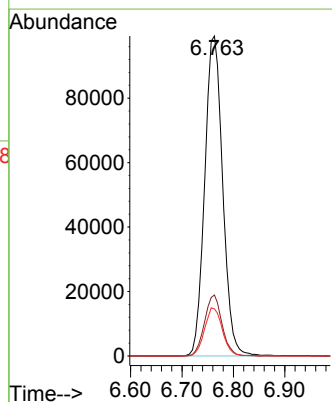
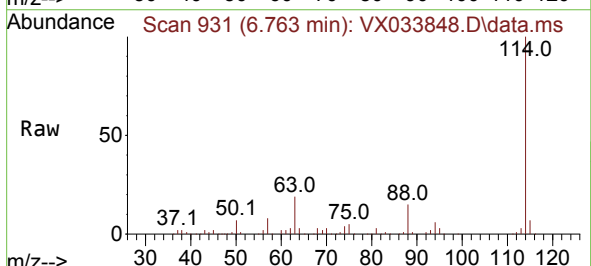
Tgt Ion: 114 Resp: 241028

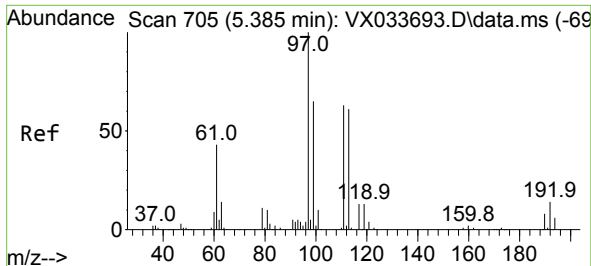
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 14.7 0.0 30.6

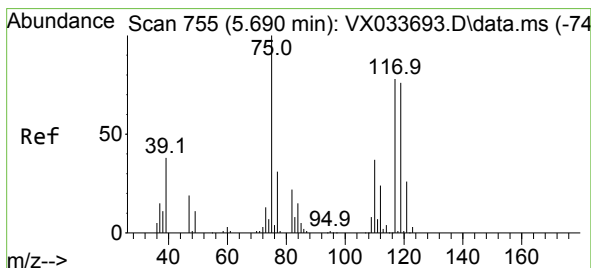
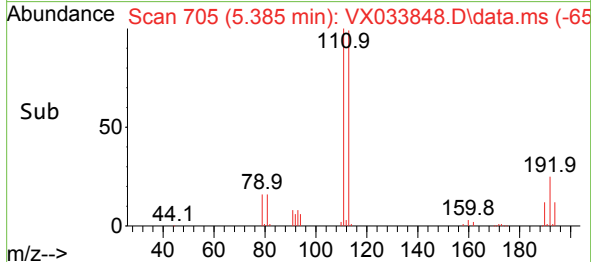
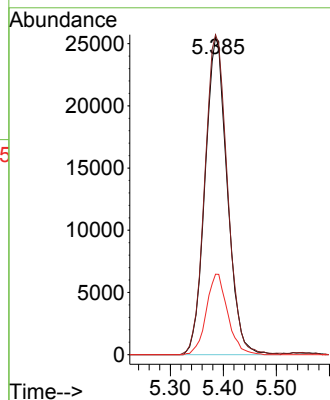
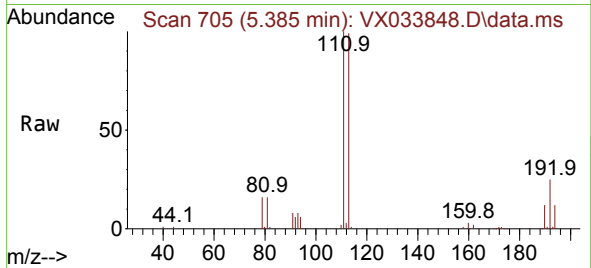




#35
Dibromofluoromethane
Concen: 49.469 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

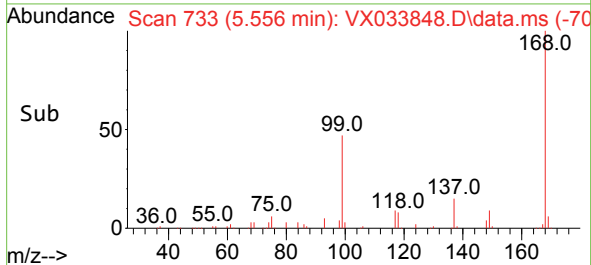
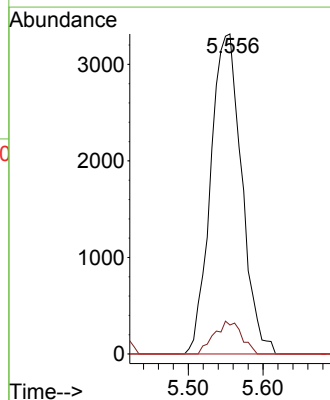
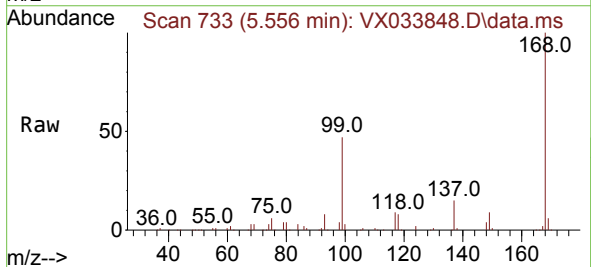
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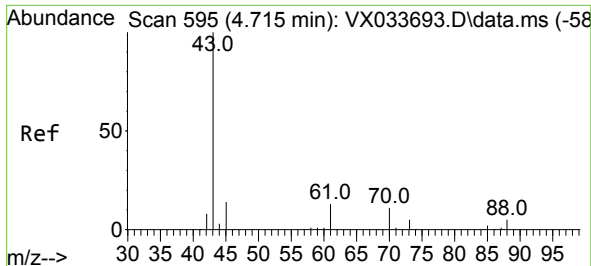
Tgt Ion:113 Resp: 74038
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 24.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 75 Resp: 9577
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 8.570 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033848.D

Acq: 23 Jan 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

PB150369ZHE#07

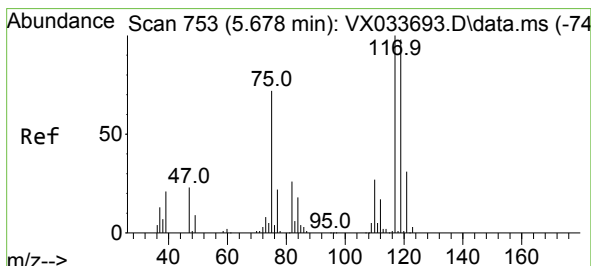
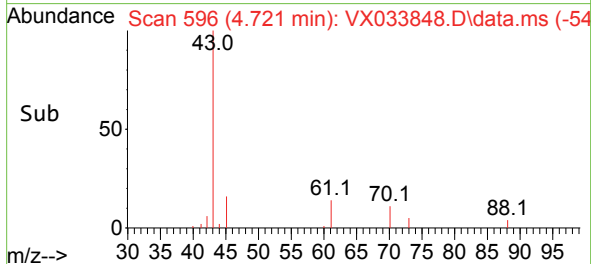
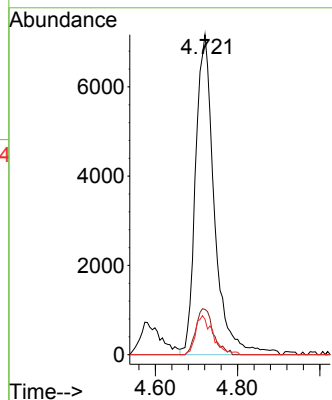
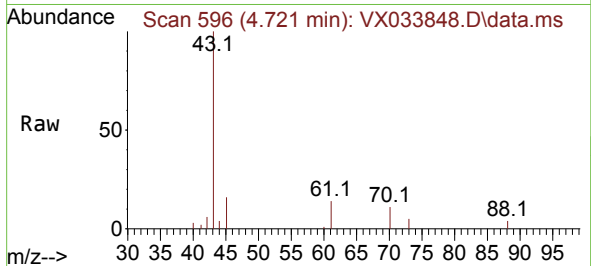
Tgt Ion: 43 Resp: 22798

Ion Ratio Lower Upper

43 100

61 13.3 11.1 16.7

70 11.3 8.5 12.7



#38

Carbon Tetrachloride

Concen: 6.157 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX033848.D

Acq: 23 Jan 2023 14:47

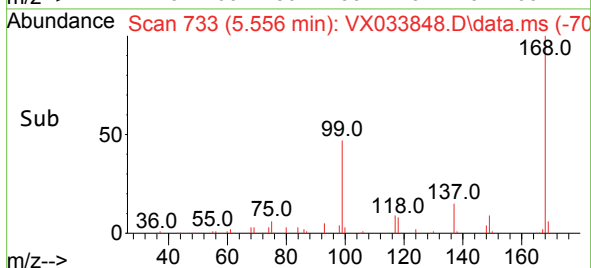
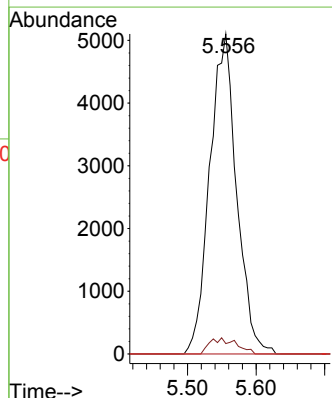
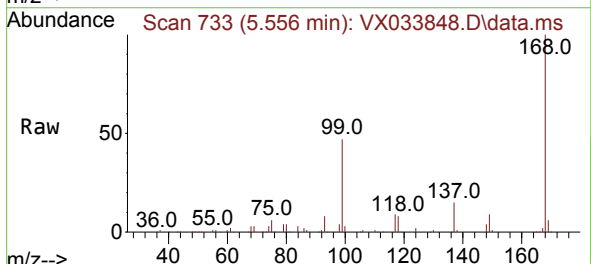
Tgt Ion: 117 Resp: 13929

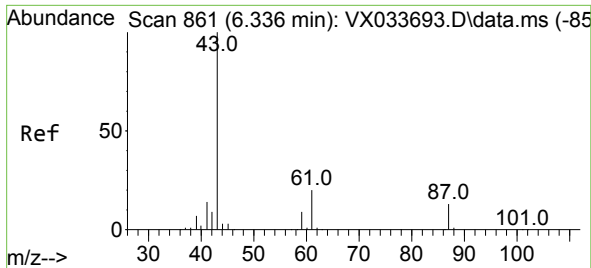
Ion Ratio Lower Upper

117 100

119 3.2 78.0 117.0#

121 0.0 24.4 36.6#

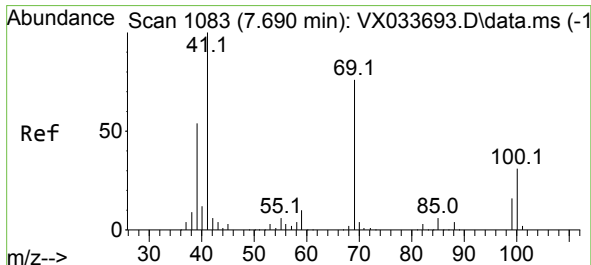
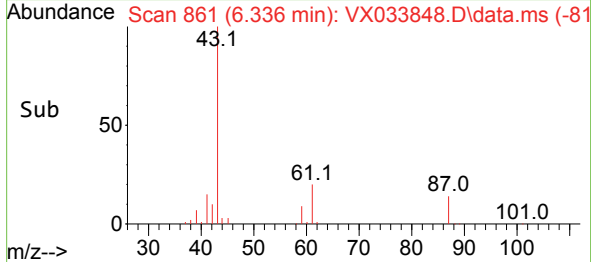
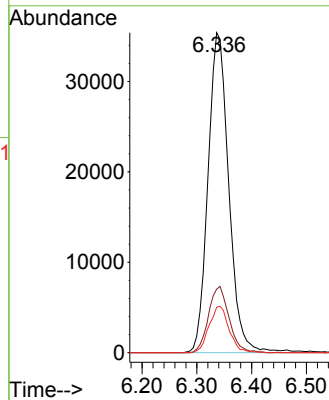
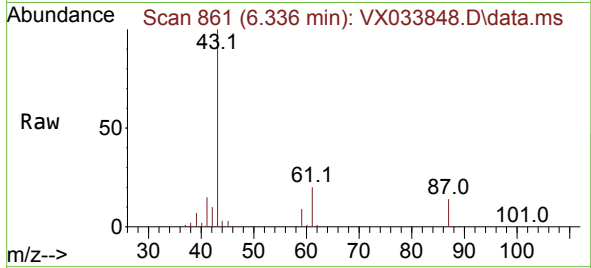




#43
Isopropyl Acetate
Concen: 26.919 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

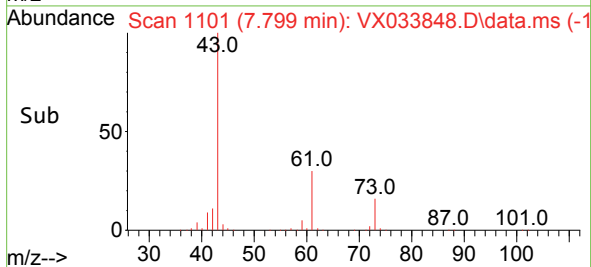
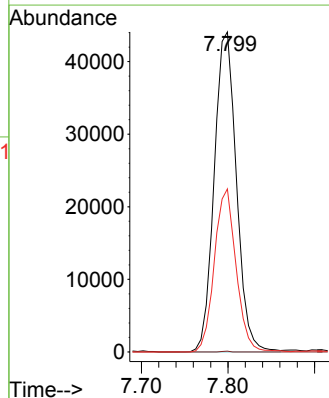
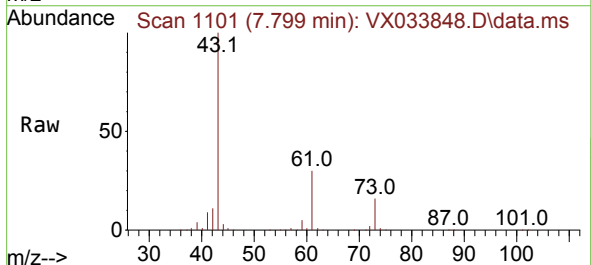
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

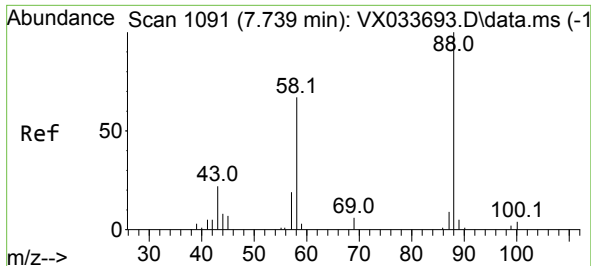
Tgt Ion:	43	Resp:	92824
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.7	23.5
87	14.0	10.6	15.8



#48
Methyl methacrylate
Concen: 45.209 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion:	41	Resp:	78531
Ion	Ratio	Lower	Upper
41	100		
69	0.1	63.1	94.7#
39	49.9	43.2	64.8

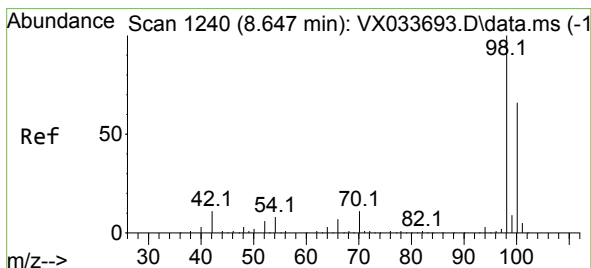
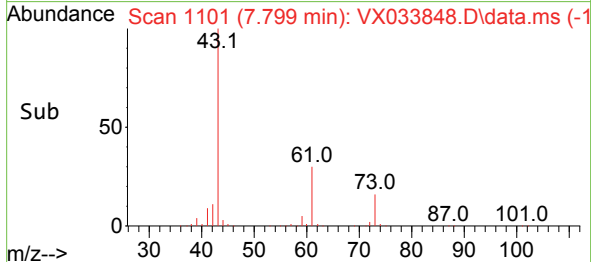
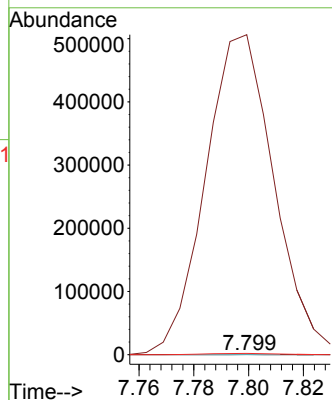
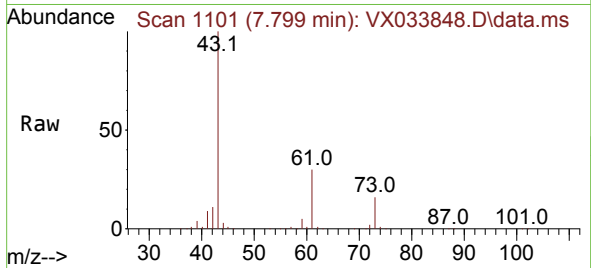




#49
1,4-Dioxane
Concen: 2.915 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.061 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

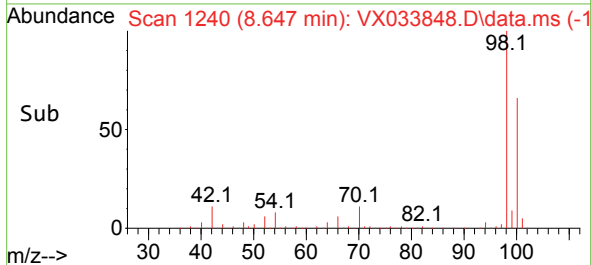
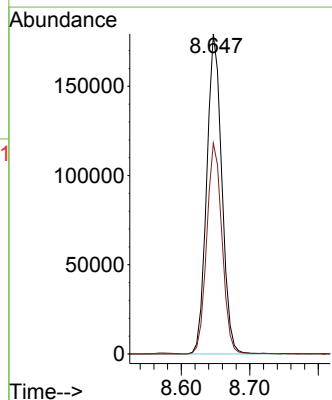
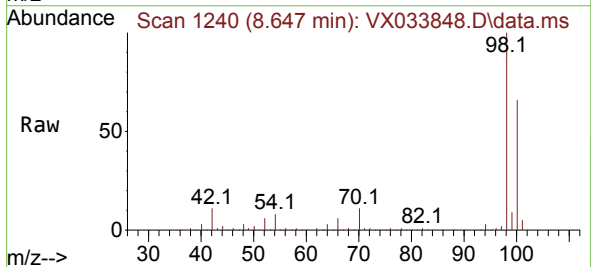
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

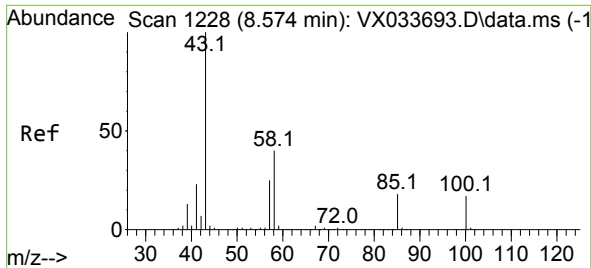
Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
43 795340.2 0.0 0.0#
58 3272.3 56.5 84.7#



#50
Toluene-d8
Concen: 50.406 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 98 Resp: 274868
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

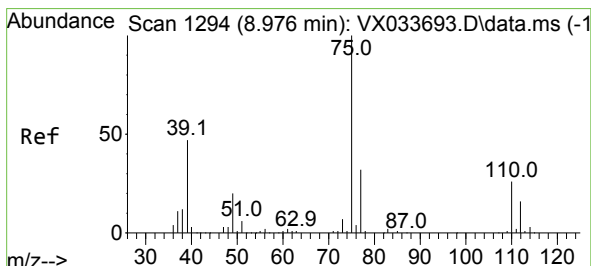
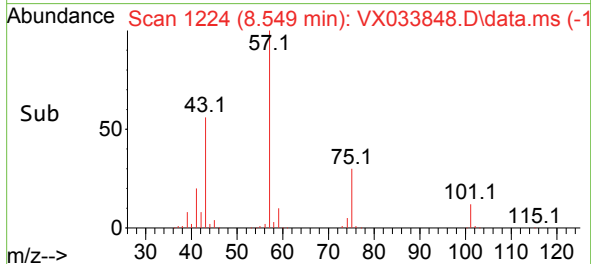
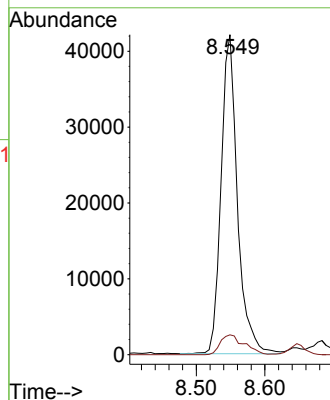
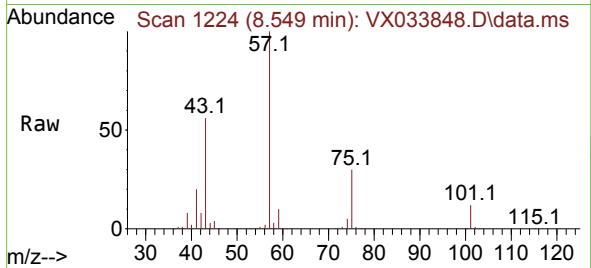




#51
4-Methyl-2-Pentanone
Concen: 32.760 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

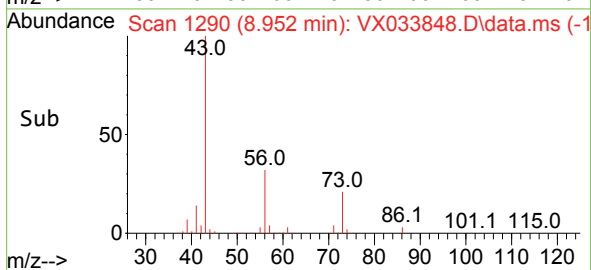
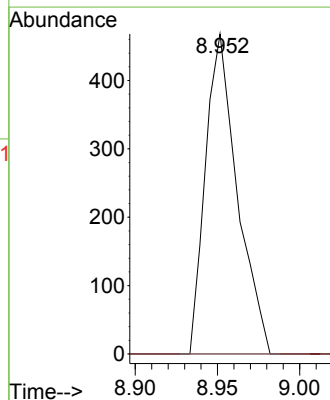
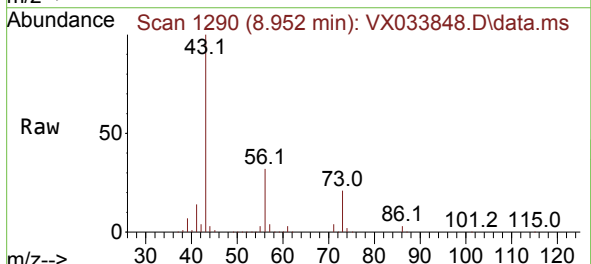
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

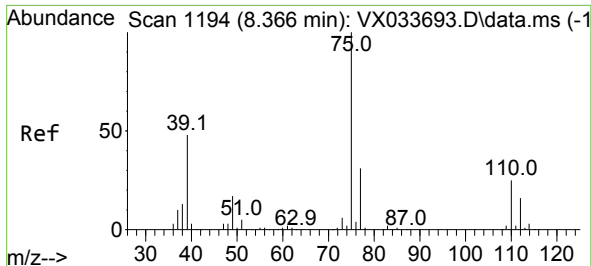
Tgt Ion: 43 Resp: 69378
Ion Ratio Lower Upper
43 100
58 9.1 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.293 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 75 Resp: 629
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

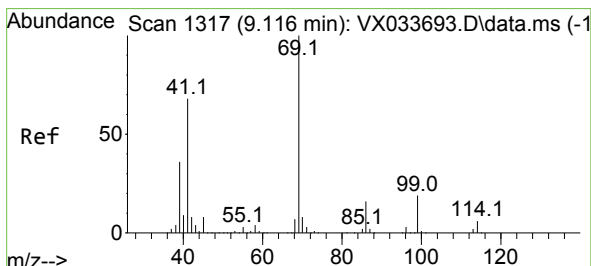
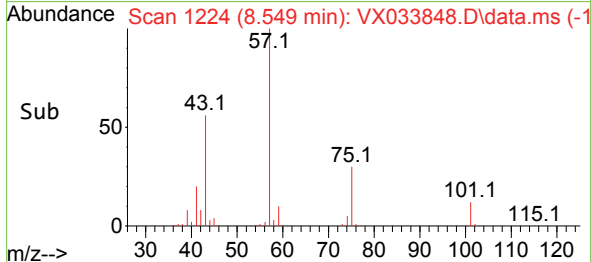
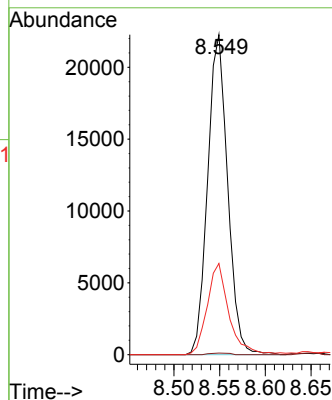
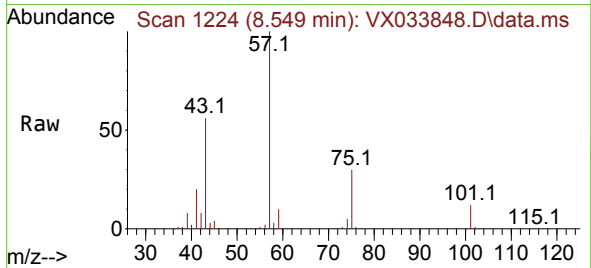




#54
 cis-1,3-Dichloropropene
 Concen: 14.063 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX033848.D
 Acq: 23 Jan 2023 14:47

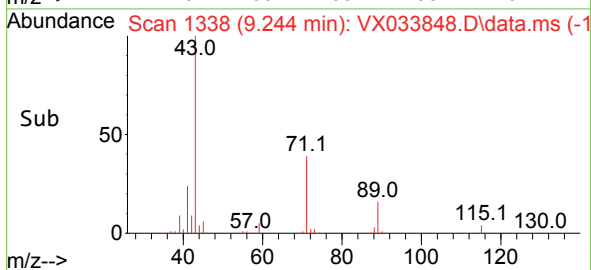
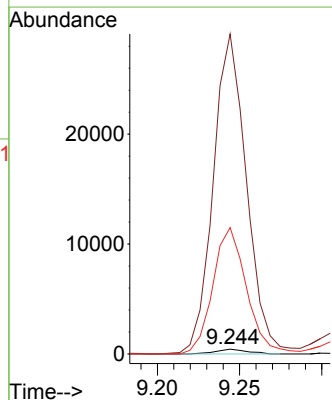
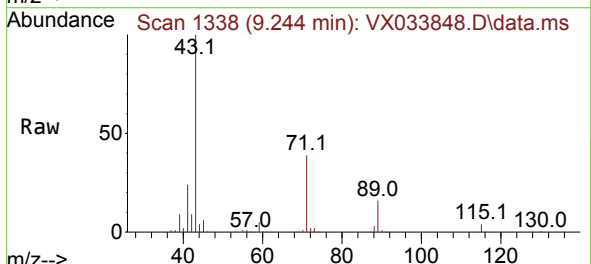
Instrument :
 MSVOA_X
 ClientSampleId :
 PB150369ZHE#07

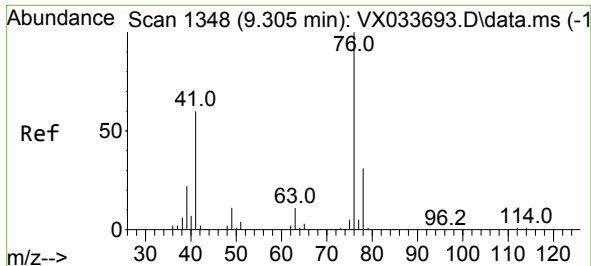
Tgt Ion: 75 Resp: 33832
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.6#
 39 28.5 38.6 58.0#



#56
 Ethyl methacrylate
 Concen: 0.255 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX033848.D
 Acq: 23 Jan 2023 14:47

Tgt Ion: 69 Resp: 583
 Ion Ratio Lower Upper
 69 100
 41 7074.6 55.1 82.7#
 39 2819.0 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.758 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX033848.D

Acq: 23 Jan 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

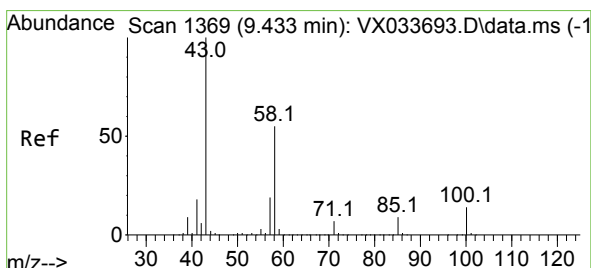
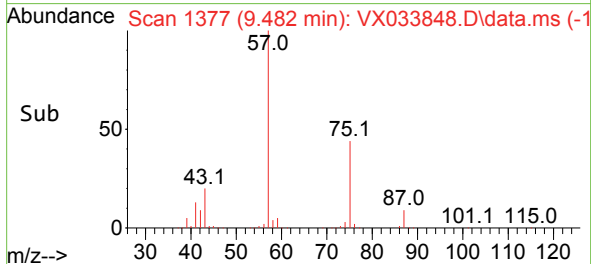
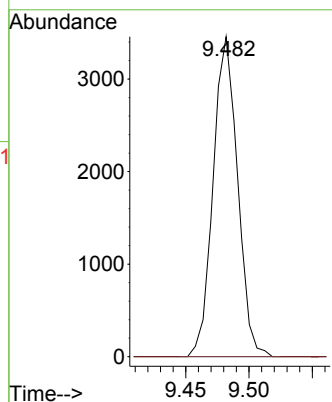
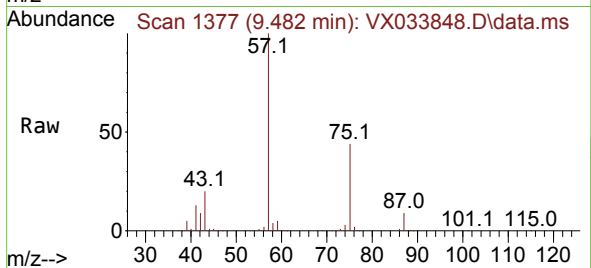
PB150369ZHE#07

Tgt Ion: 76 Resp: 4639

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 40.339 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033848.D

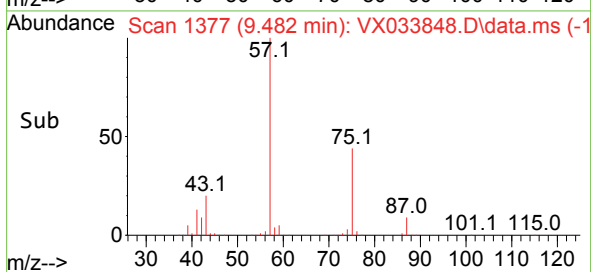
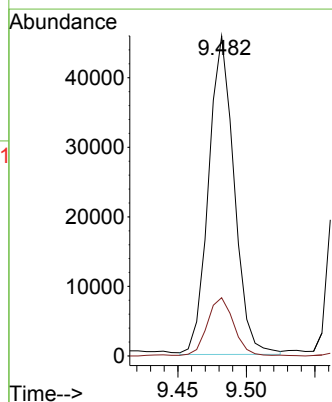
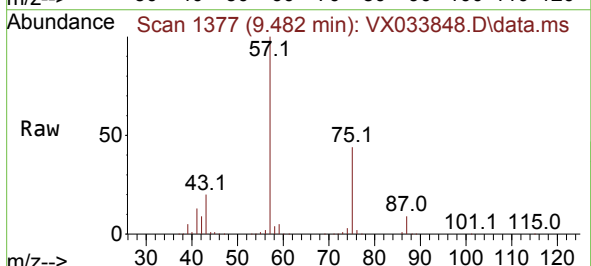
Acq: 23 Jan 2023 14:47

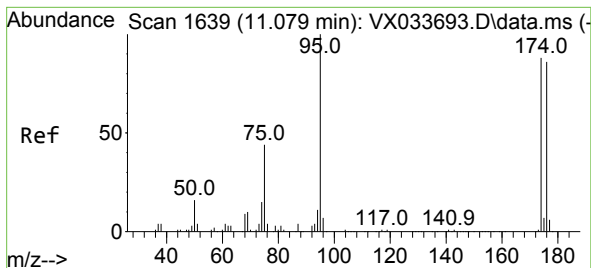
Tgt Ion: 43 Resp: 59460

Ion Ratio Lower Upper

43 100

58 19.1 27.4 82.0#

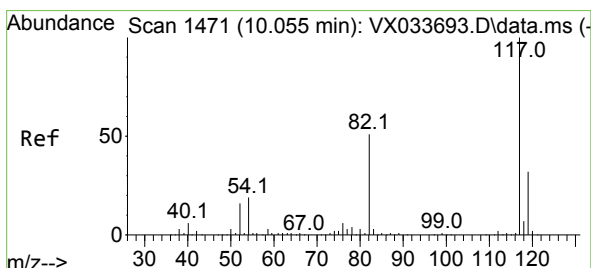
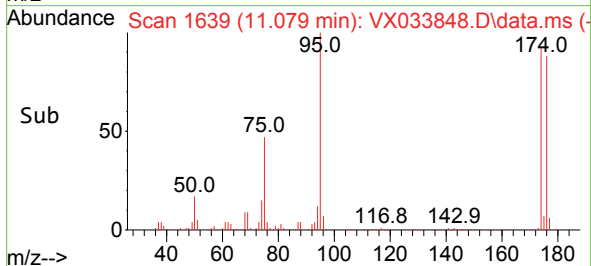
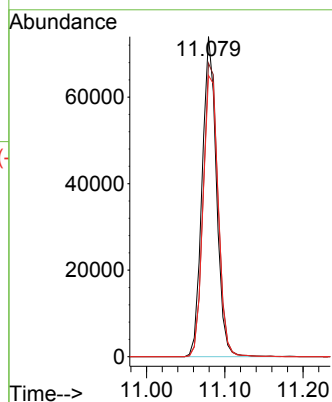
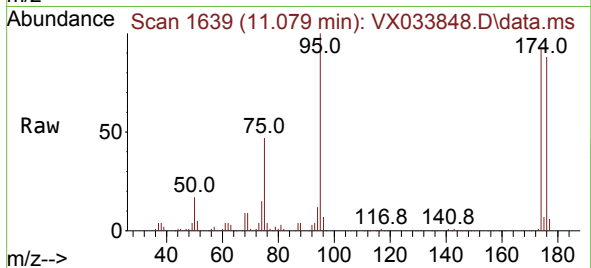




#62
4-Bromofluorobenzene
Concen: 46.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

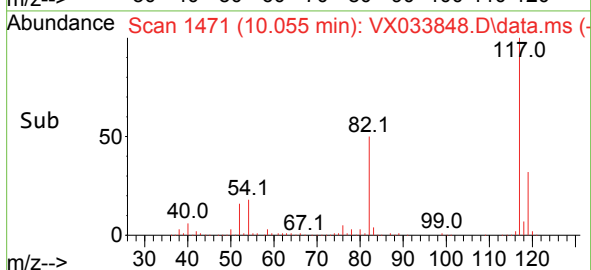
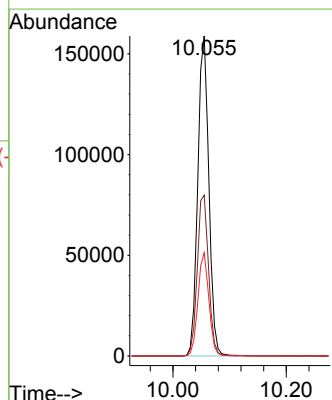
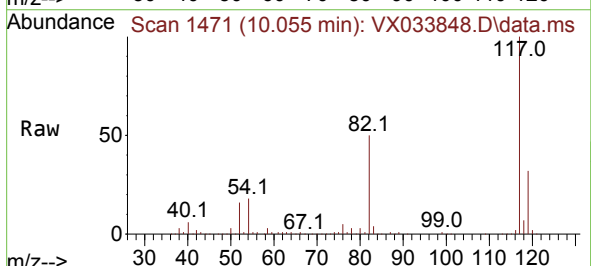
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

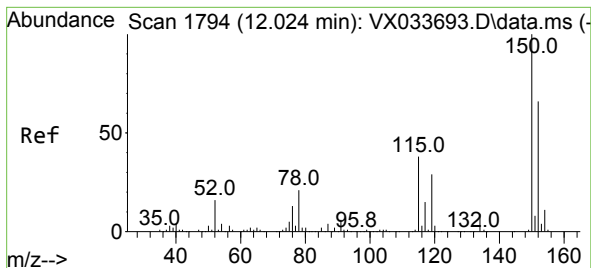
Tgt Ion: 95 Resp: 93840
Ion Ratio Lower Upper
95 100
174 95.3 0.0 184.4
176 92.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 117 Resp: 214948
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 32.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033848.D

Acq: 23 Jan 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

PB150369ZHE#07

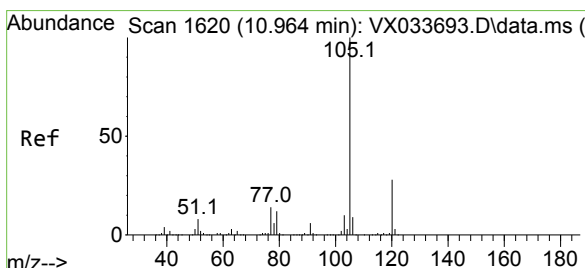
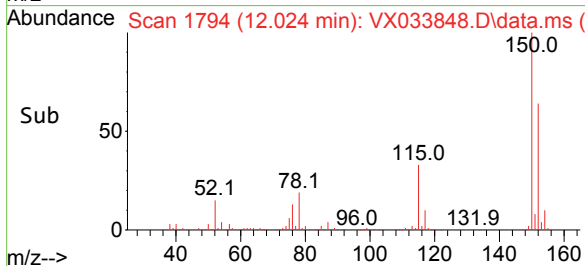
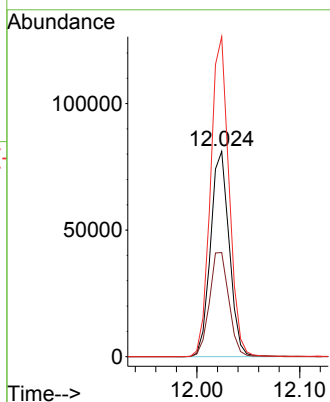
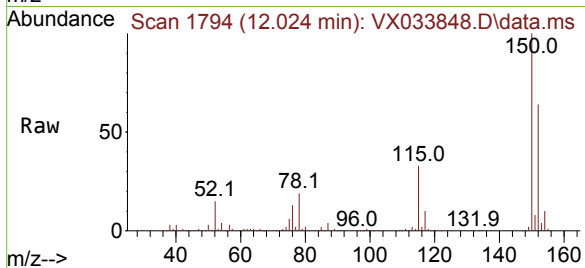
Tgt Ion:152 Resp: 102390

Ion Ratio Lower Upper

152 100

115 52.7 38.7 116.1

150 154.7 0.0 348.2



#73

Isopropylbenzene

Concen: Below Cal

RT: 11.079 min Scan# 1639

Delta R.T. 0.115 min

Lab File: VX033848.D

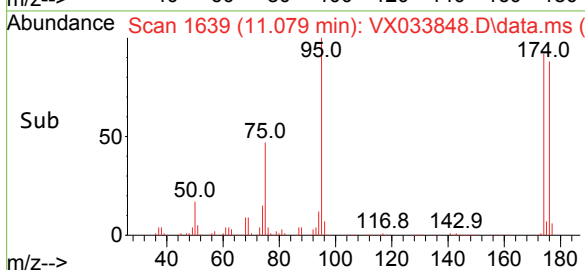
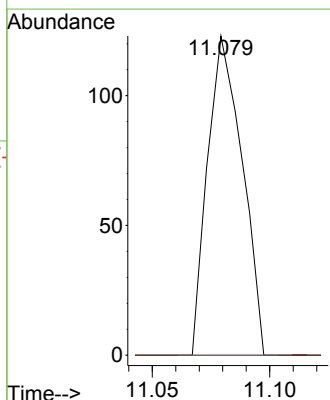
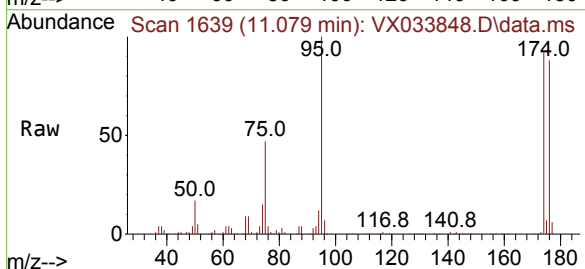
Acq: 23 Jan 2023 14:47

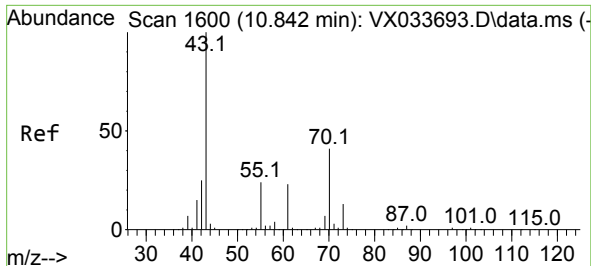
Tgt Ion:105 Resp: 126

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#

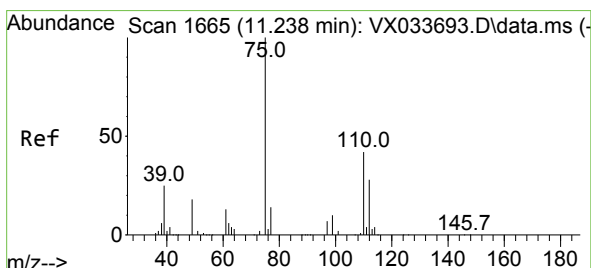
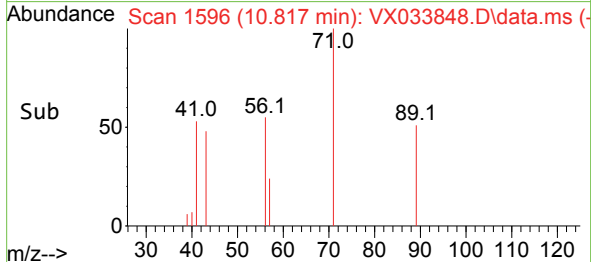
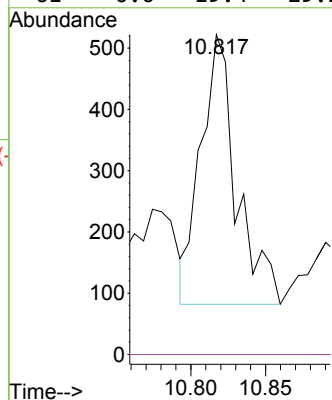
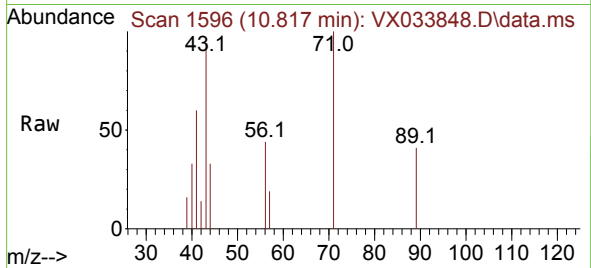




#74
N-amy1 acetate
Concen: 0.271 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.025 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

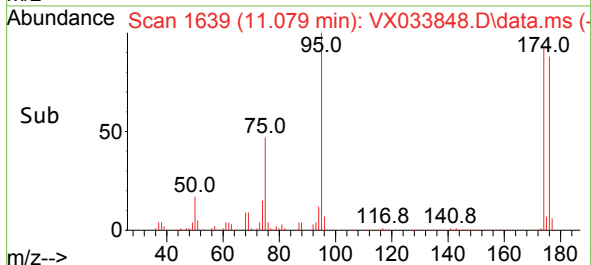
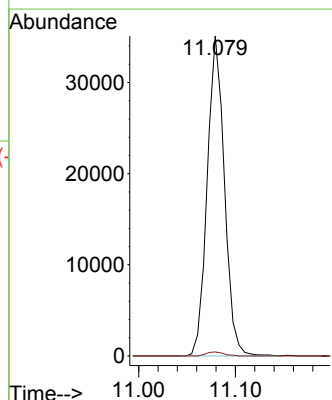
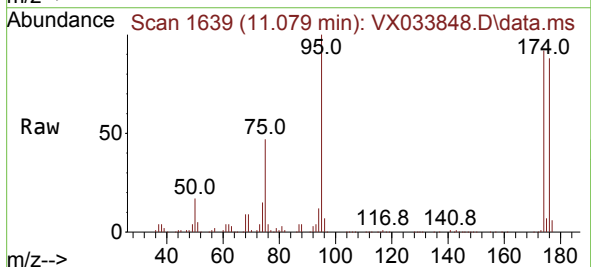
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

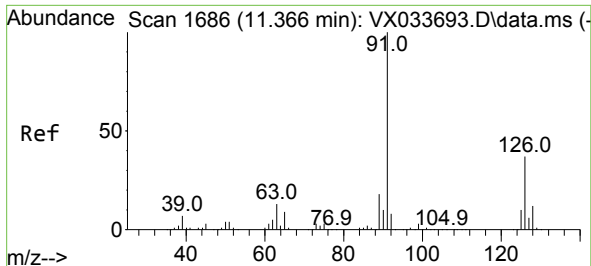
Tgt Ion: 43	Resp: 728
Ion Ratio	Lower Upper
43 100	
70 0.0	34.8 52.2#
55 0.0	19.4 29.0#
61 0.0	19.4 29.2#



#76
1,2,3-Trichloropropane
Concen: 23.074 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

Tgt Ion: 75	Resp: 43409
Ion Ratio	Lower Upper
75 100	
77 1.3	21.8 65.4#

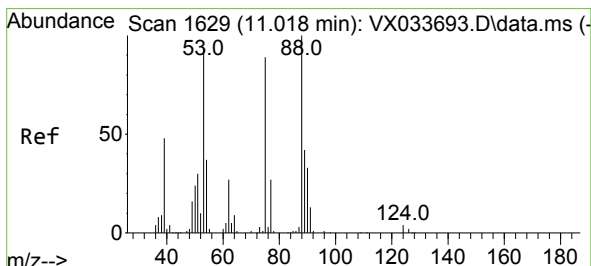
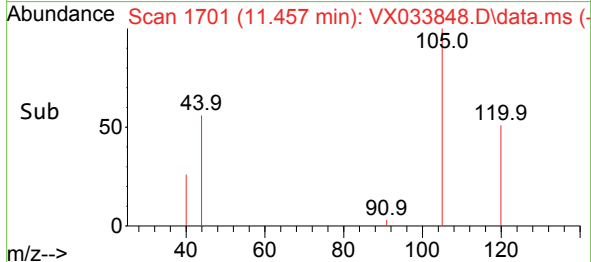
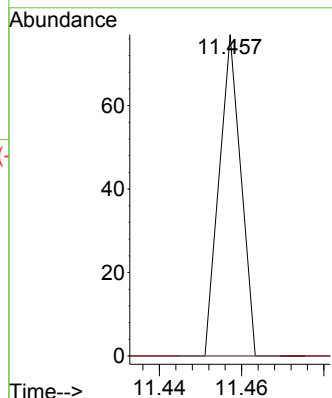
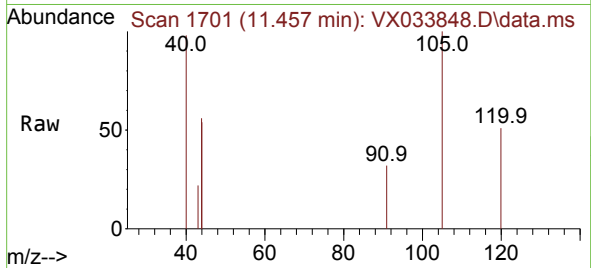




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 11
Delta R.T. 0.091 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

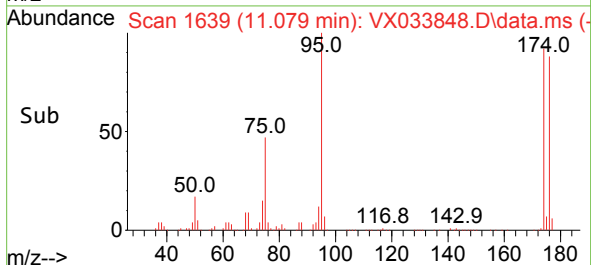
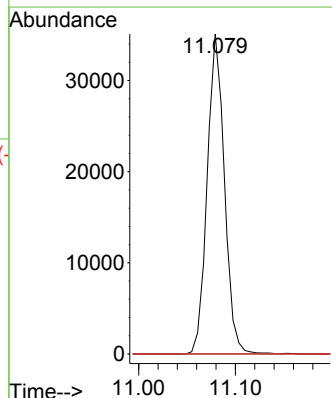
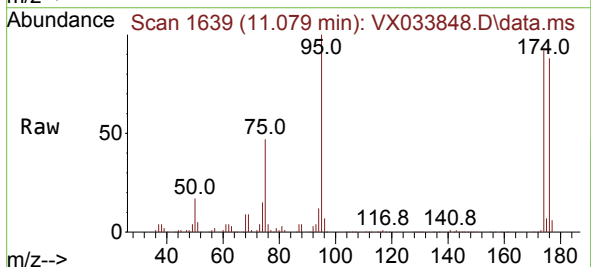
Instrument :
MSVOA_X
ClientSampleId :
PB150369ZHE#07

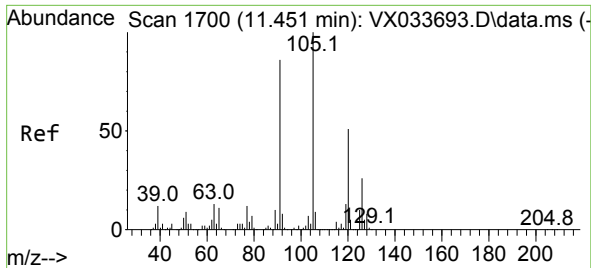
Tgt Ion: 91 Resp: 28
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.713 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033848.D
Acq: 23 Jan 2023 14:47

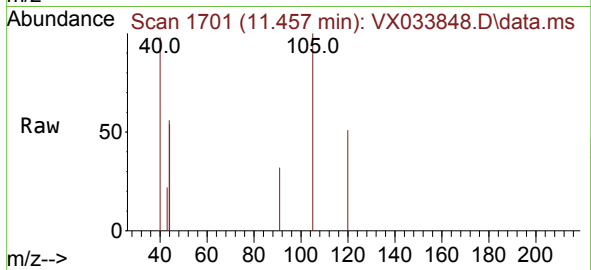
Tgt Ion: 75 Resp: 43409
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033848.D
 Acq: 23 Jan 2023 14:47

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150369ZHE#07



Tgt Ion: 91 Resp: 28
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

