

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034592.D
 Acq On : 17 Mar 2023 18:19
 Operator : JC/MD
 Sample : PB151466ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#13

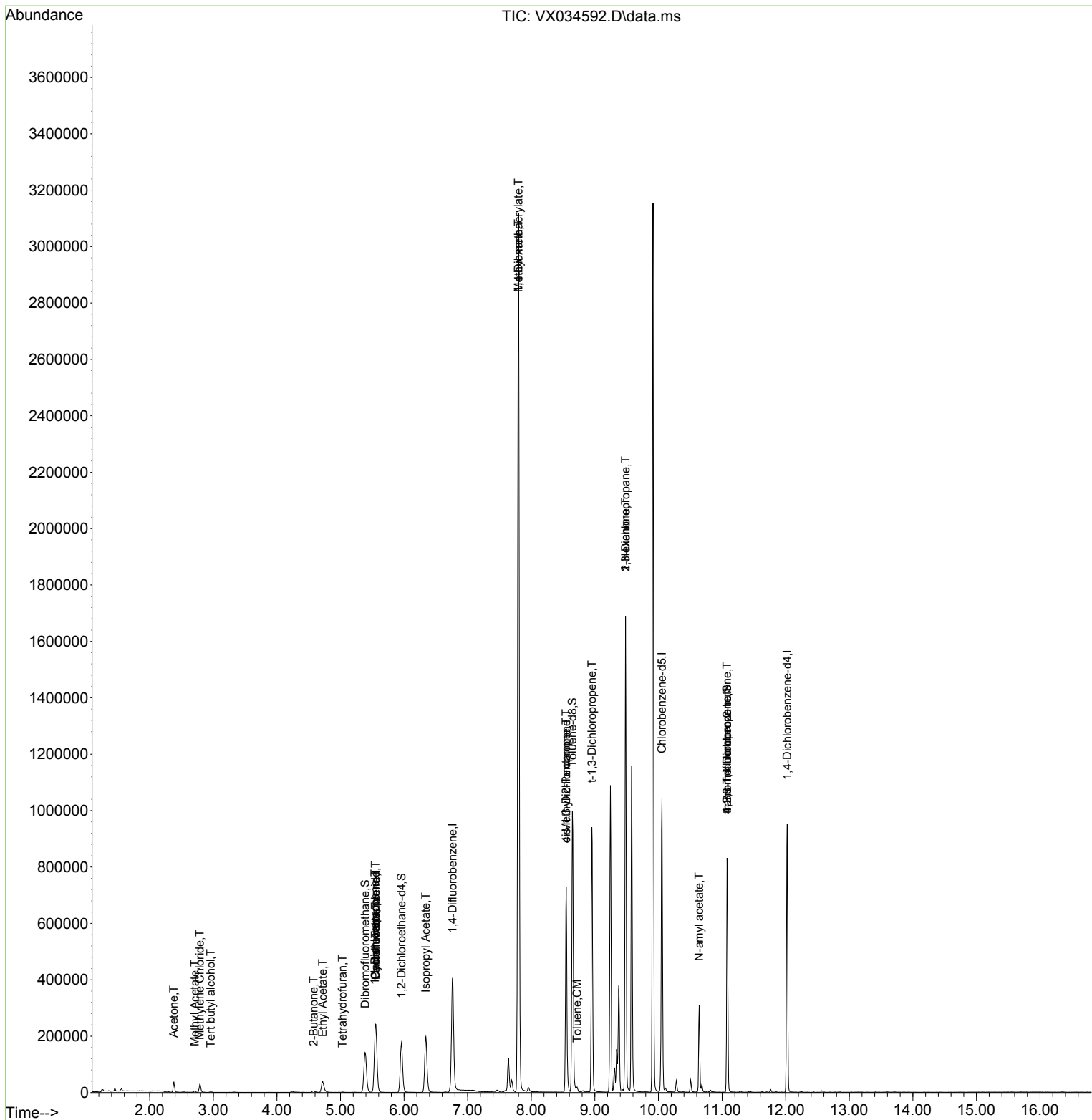
Quant Time: Mar 20 00:06:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

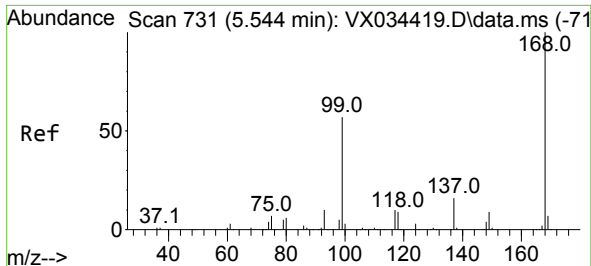
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	229668	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	396808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161254	48.262	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.520%		
35) Dibromofluoromethane	5.385	113	125413	47.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.647	98	571964	58.481	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	116.960%#		
62) 4-Bromofluorobenzene	11.079	95	224969	56.947	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.900%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	421	Below Cal		95
11) Tert butyl alcohol	2.959	59	2098	3.015	ug/l #	83
16) Acetone	2.380	43	35183	22.354	ug/l	99
18) Methyl Acetate	2.709	43	5235	1.018	ug/l	95
20) Methylene Chloride	2.788	84	12571	4.115	ug/l	96
25) 2-Butanone	4.574	43	11565	5.135	ug/l	95
29) Tetrahydrofuran	5.032	42	854	0.615	ug/l #	87
31) Cyclohexane	5.550	56	5833	1.245	ug/l #	52
36) 1,1-Dichloropropene	5.544	75	19041	4.732	ug/l #	50
37) Ethyl Acetate	4.721	43	68722	15.632	ug/l	98
38) Carbon Tetrachloride	5.550	117	23455	5.859	ug/l #	16
43) Isopropyl Acetate	6.342	43	276802	37.168	ug/l	99
48) Methyl methacrylate	7.799	41	281849	78.690	ug/l #	46
49) 1,4-Dioxane	7.799	88	420	5.583	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	258738	59.889	ug/l #	49
52) Toluene	8.720	92	4545	0.624	ug/l	98
53) t-1,3-Dichloropropene	8.952	75	1818	0.399	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	108839	22.080	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	13384	2.604	ug/l #	43
59) 2-Hexanone	9.482	43	208171	62.333	ug/l #	50
74) N-amyl acetate	10.640	43	83645	11.870	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	118376	27.084	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	118376	73.270	ug/l #	8

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

Quant Time: Mar 20 00:06:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

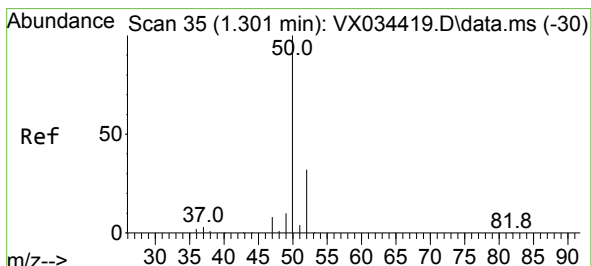
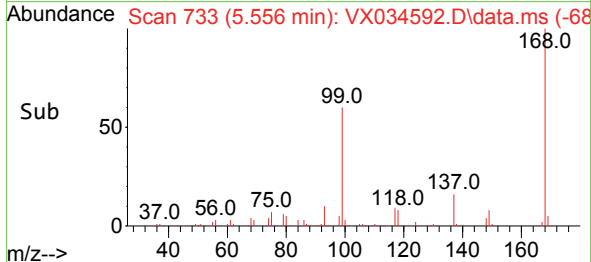
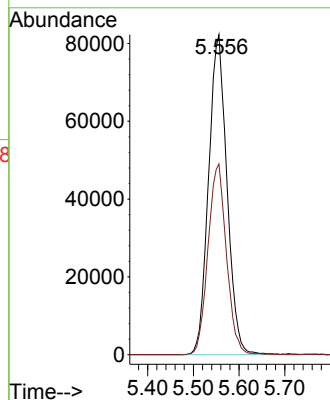
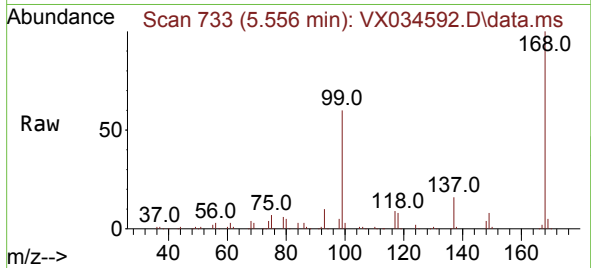




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

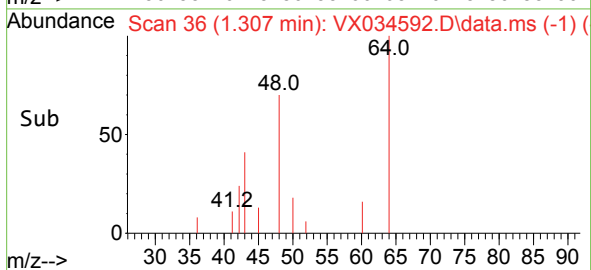
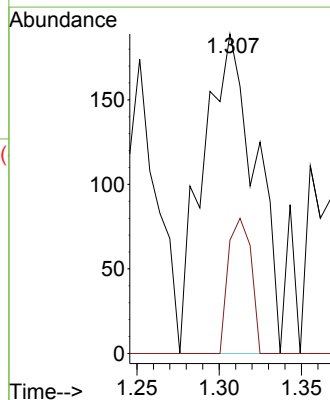
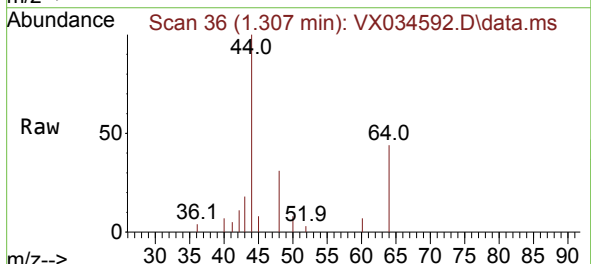
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

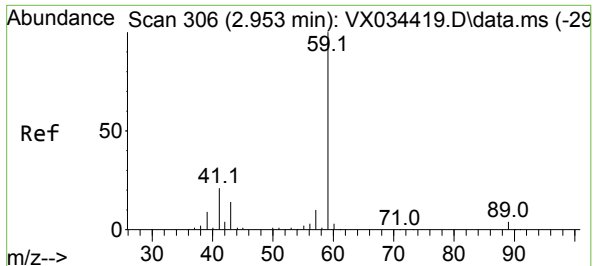
Tgt Ion:168 Resp: 229668
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 50 Resp: 421
Ion Ratio Lower Upper
50 100
52 35.4 25.9 38.9





#11

Tert butyl alcohol

Concen: 3.015 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX034592.D

Acq: 17 Mar 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

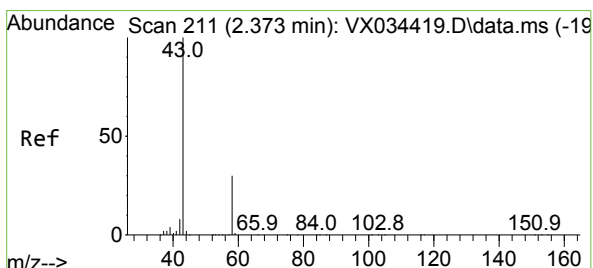
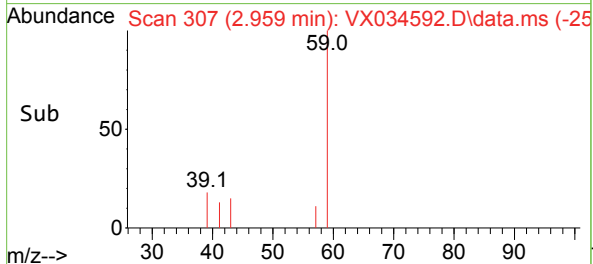
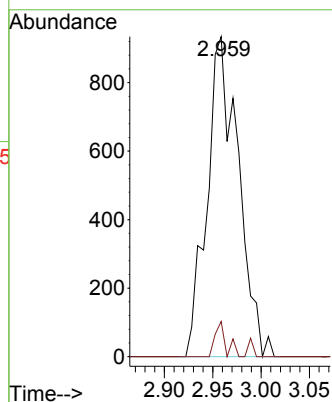
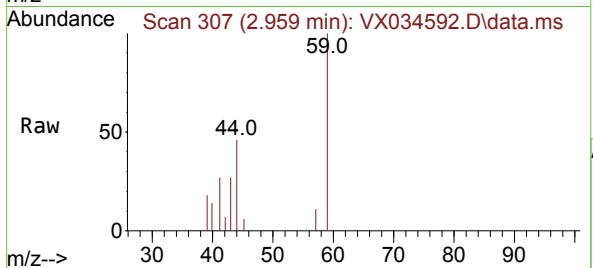
PB151466ZHE#13

Tgt Ion: 59 Resp: 2098

Ion Ratio Lower Upper

59 100

57 3.9 8.1 12.1#



#16

Acetone

Concen: 22.354 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034592.D

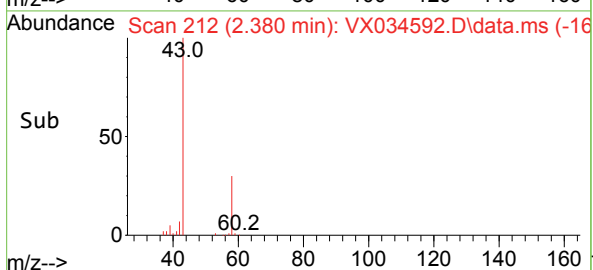
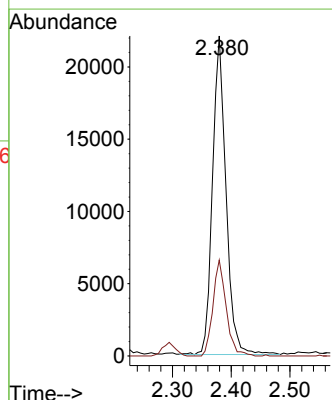
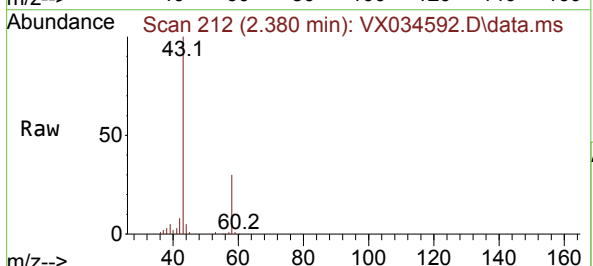
Acq: 17 Mar 2023 18:19

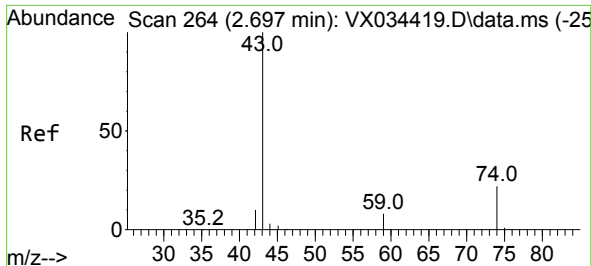
Tgt Ion: 43 Resp: 35183

Ion Ratio Lower Upper

43 100

58 30.1 24.7 37.1

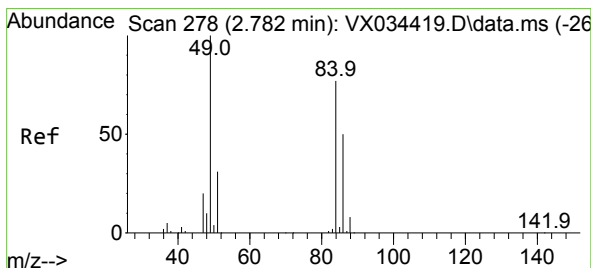
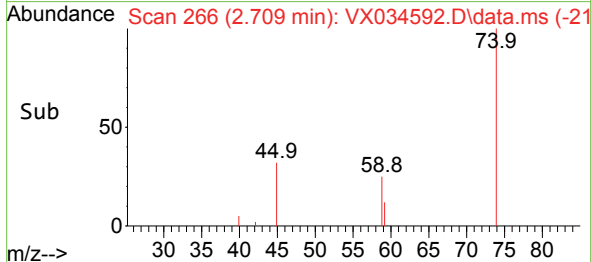
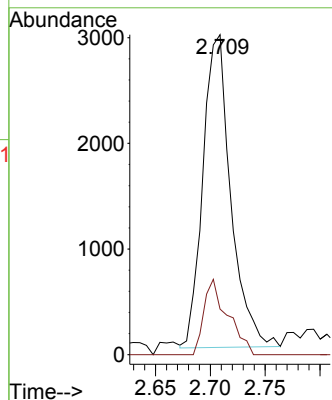
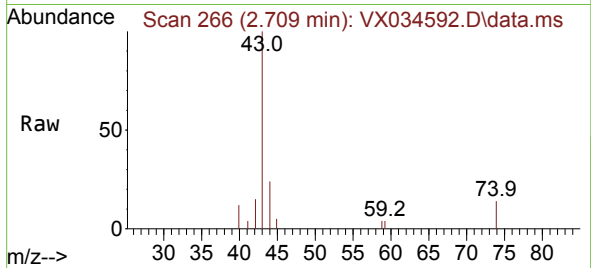




#18
Methyl Acetate
Concen: 1.018 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

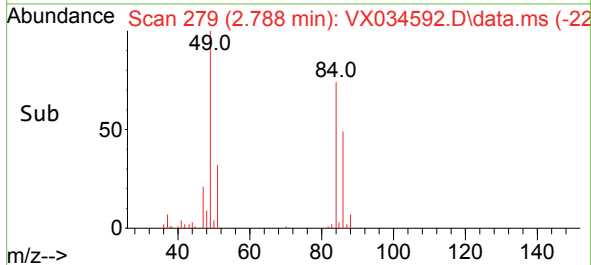
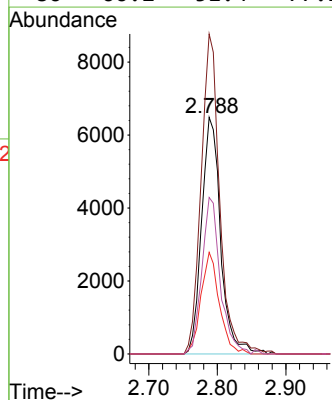
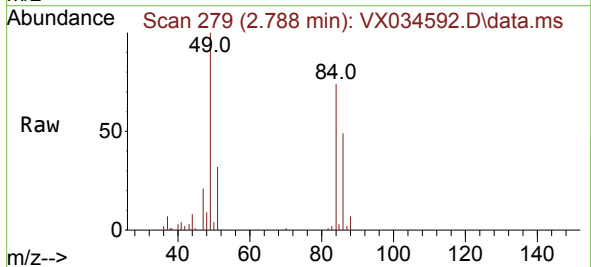
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

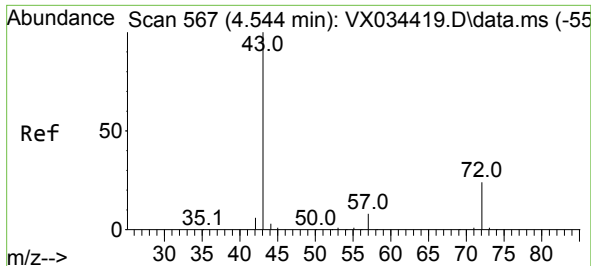
Tgt Ion: 43 Resp: 5235
Ion Ratio Lower Upper
43 100
74 20.5 18.3 27.5



#20
Methylene Chloride
Concen: 4.115 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 84 Resp: 12571
Ion Ratio Lower Upper
84 100
49 135.3 103.8 155.8
51 42.9 31.8 47.8
86 66.2 51.4 77.2

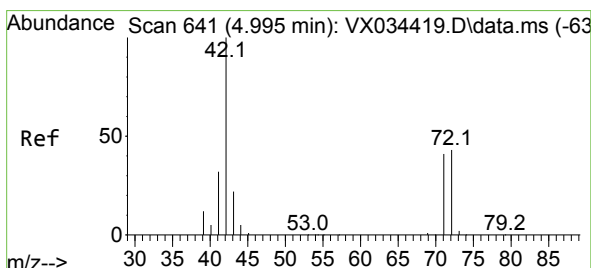
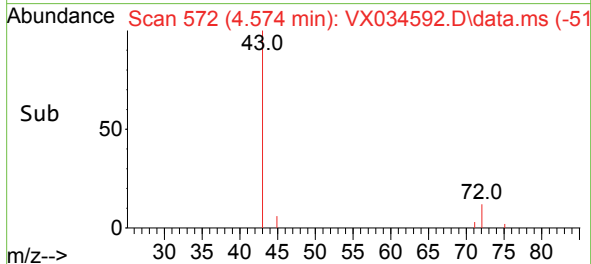
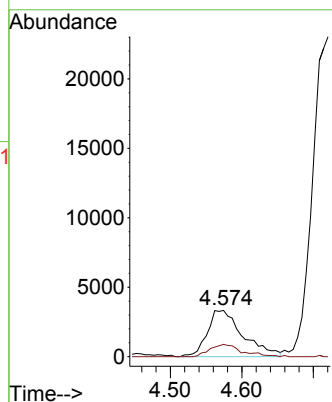
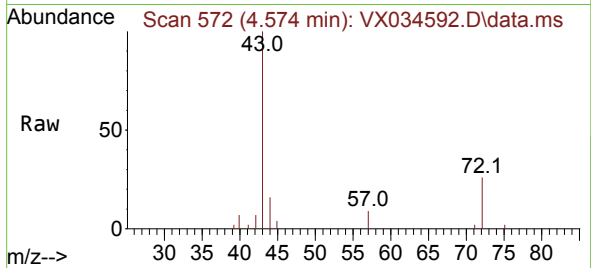




#25
2-Butanone
Concen: 5.135 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

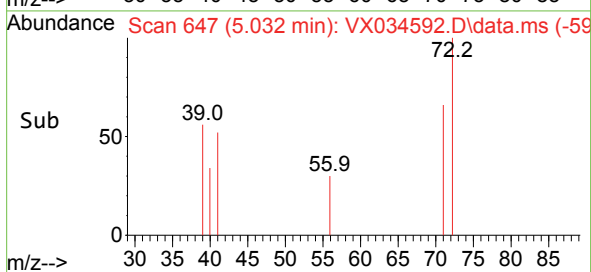
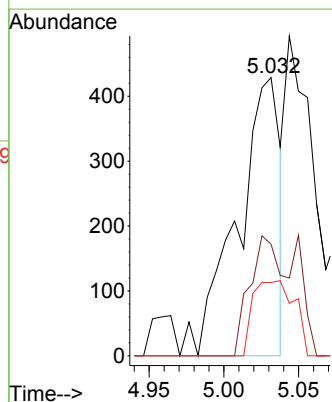
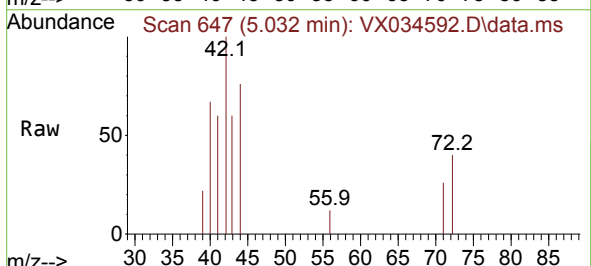
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

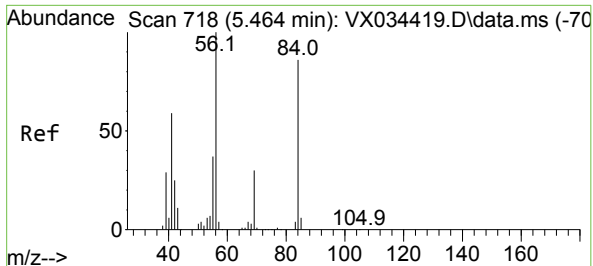
Tgt Ion: 43 Resp: 11565
Ion Ratio Lower Upper
43 100
72 26.4 19.3 28.9



#29
Tetrahydrofuran
Concen: 0.615 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

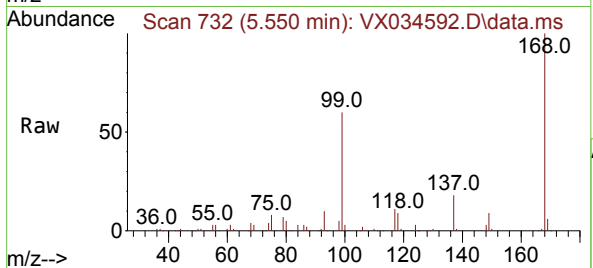
Tgt Ion: 42 Resp: 854
Ion Ratio Lower Upper
42 100
72 45.3 34.5 51.7
71 26.0 32.1 48.1#



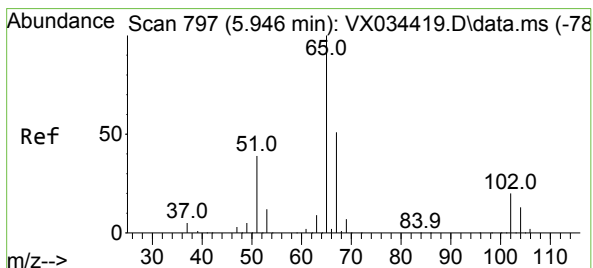
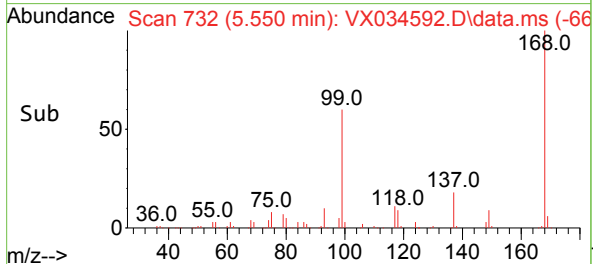
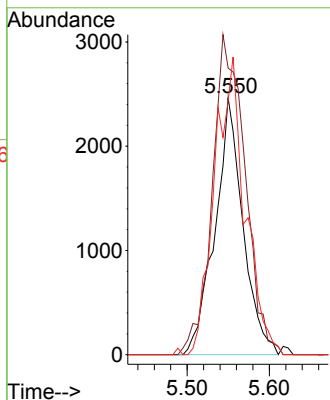


#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

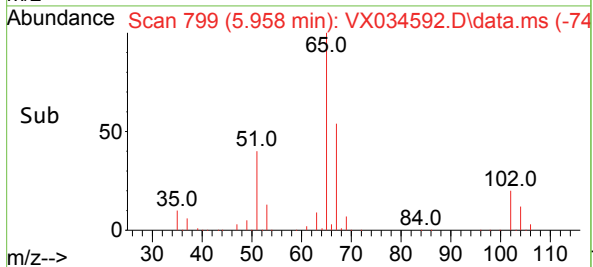
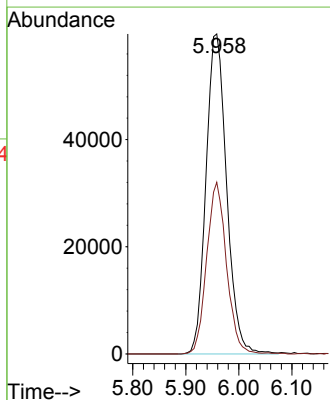
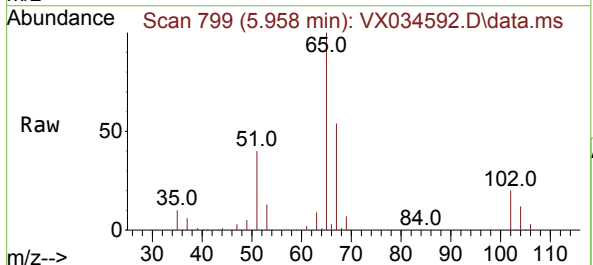


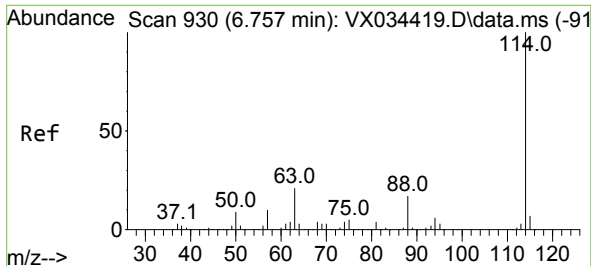
Tgt Ion: 56 Resp: 5833
Ion Ratio Lower Upper
56 100
69 111.6 23.7 35.5#
84 96.2 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 48.262 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 65 Resp: 161254
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

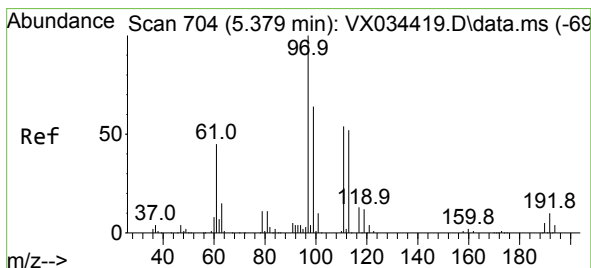
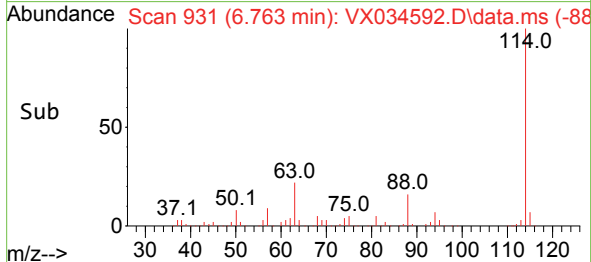
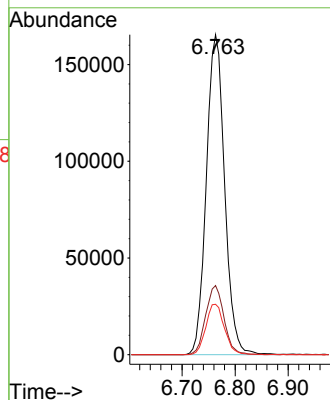
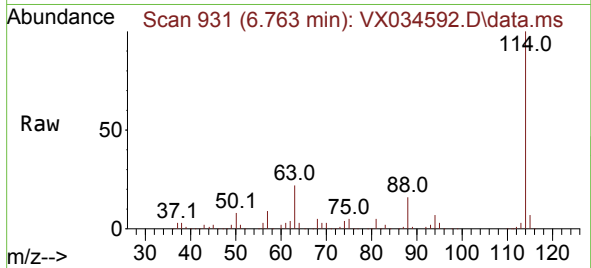




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

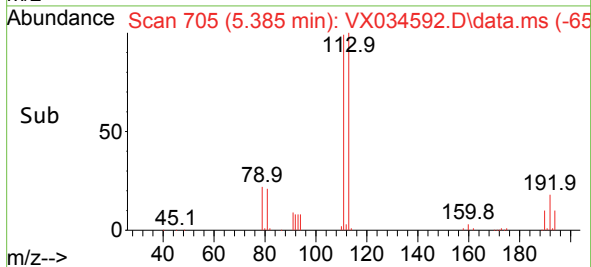
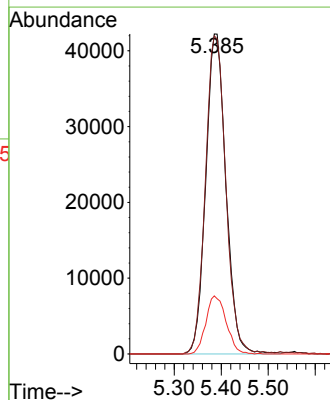
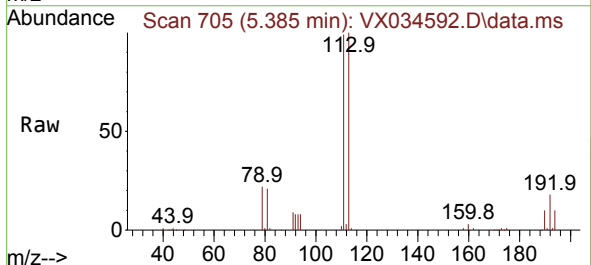
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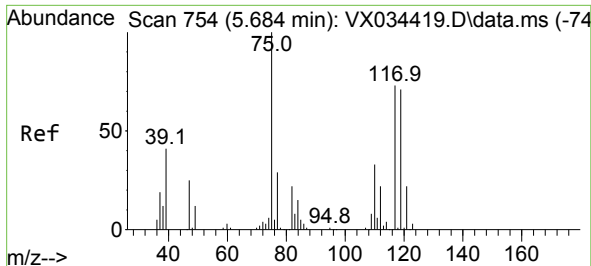
Tgt Ion:114 Resp: 396808
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.869 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion:113 Resp: 125413
Ion Ratio Lower Upper
113 100
111 100.7 83.7 125.5
192 18.3 15.4 23.2

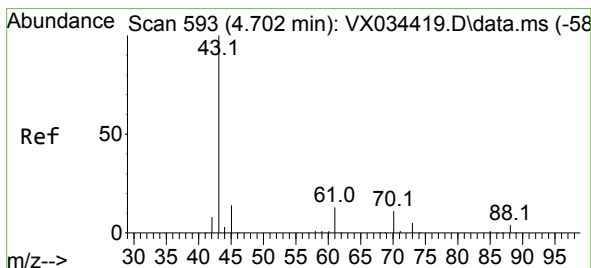
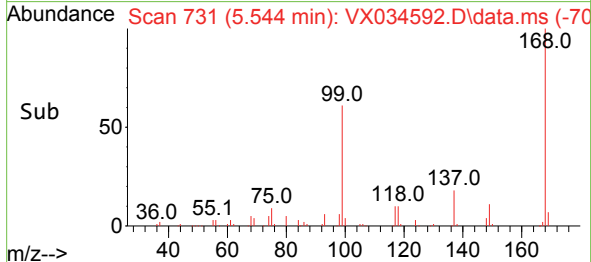
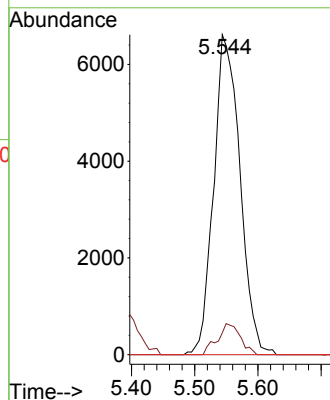
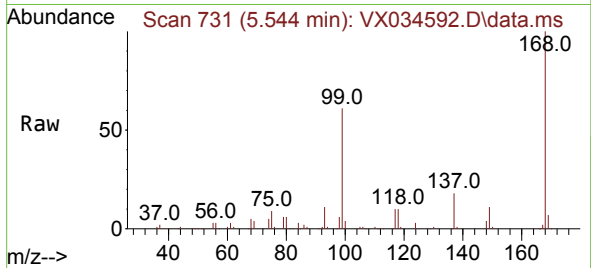




#36
1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

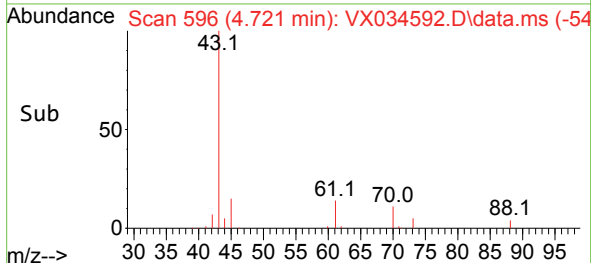
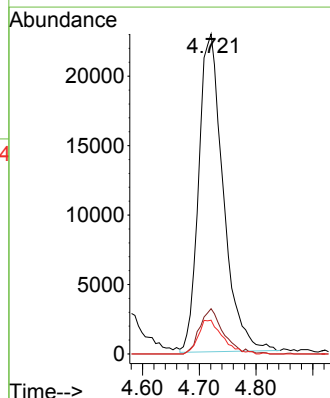
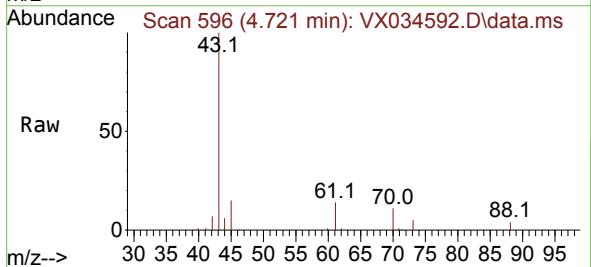
Instrument :
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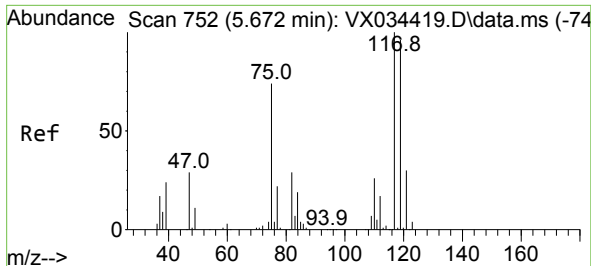
Tgt Ion: 75 Resp: 19041
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 15.632 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.018 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

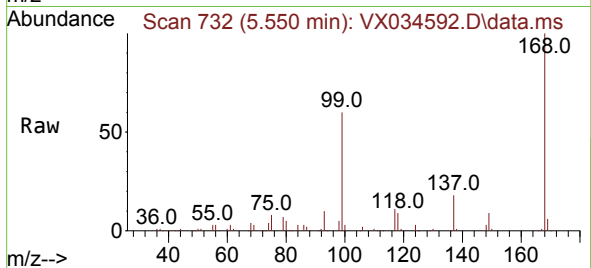
Tgt Ion: 43 Resp: 68722
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.4
70 10.6 8.2 12.4



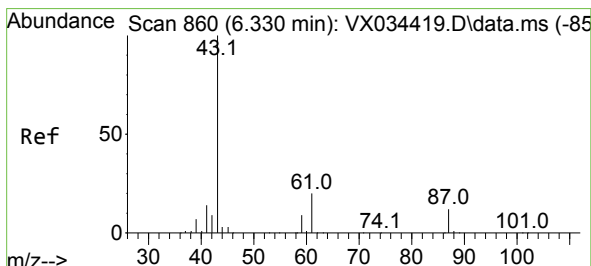
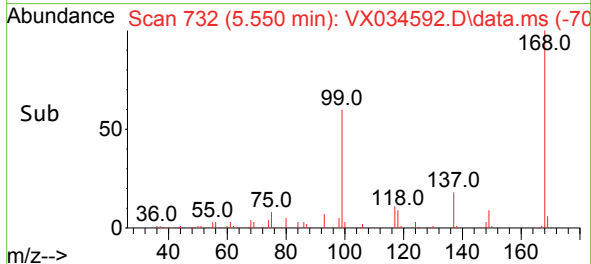
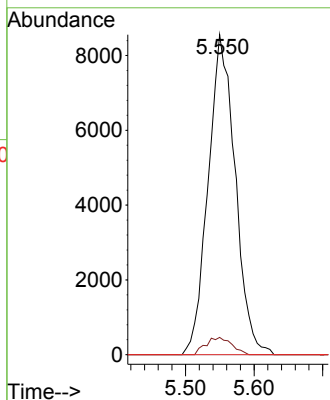


#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

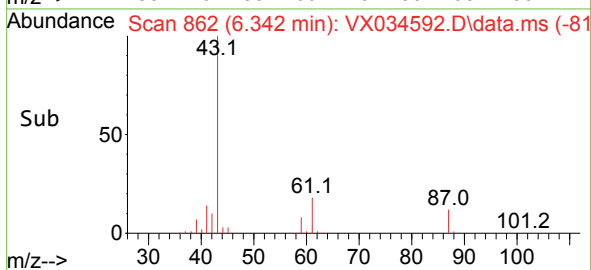
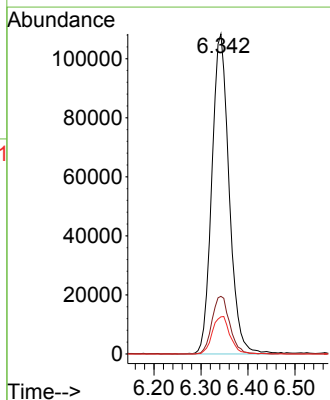
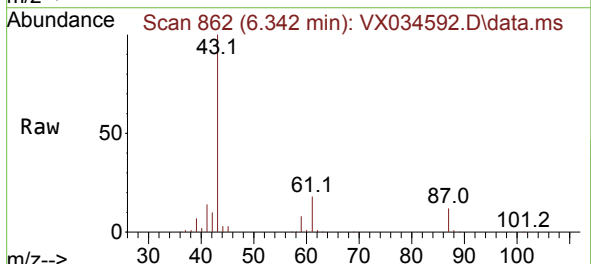


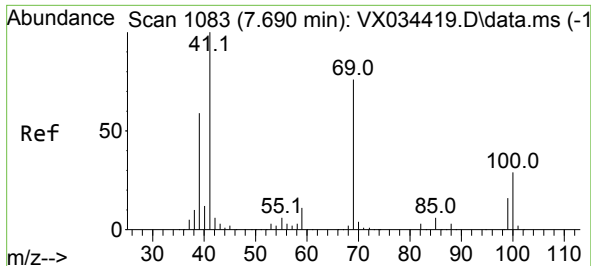
Tgt Ion:117 Resp: 23455
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 37.168 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 43 Resp: 276802
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.0 9.8 14.8

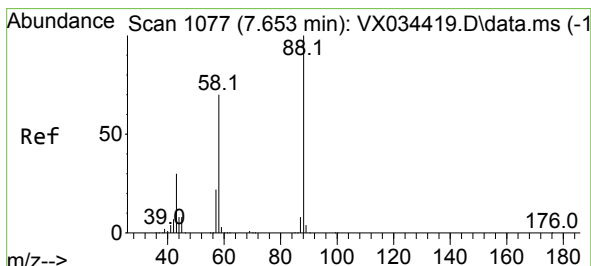
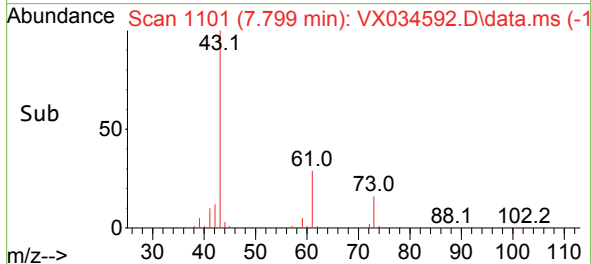
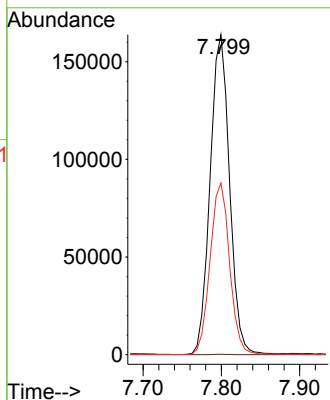
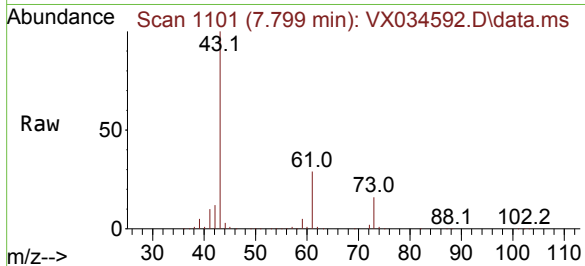




#48
Methyl methacrylate
Concen: 78.690 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

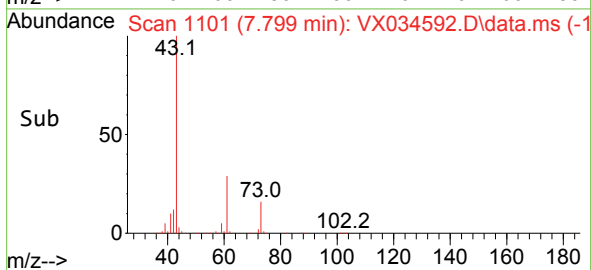
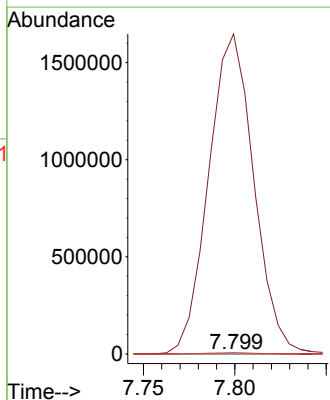
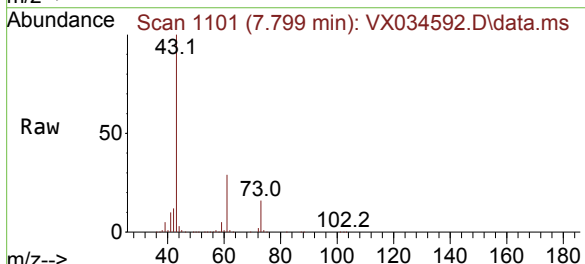
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

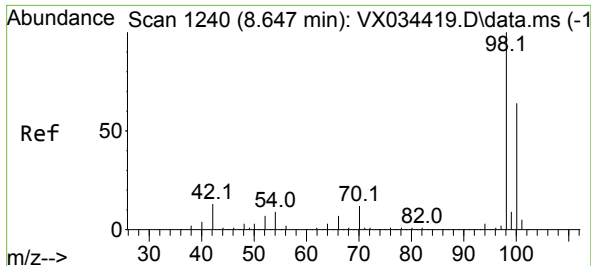
Tgt Ion: 41 Resp: 281849
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 53.8 47.7 71.5



#49
1,4-Dioxane
Concen: 5.583 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.146 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 88 Resp: 420
Ion Ratio Lower Upper
88 100
43 678358.1 27.7 41.5#
58 2670.7 56.8 85.2#

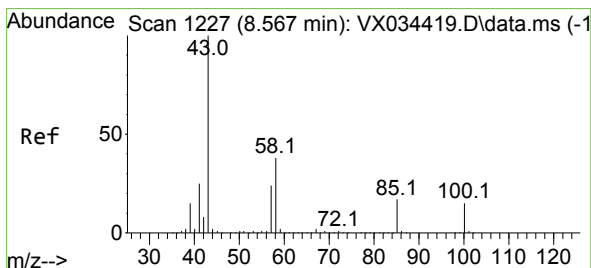
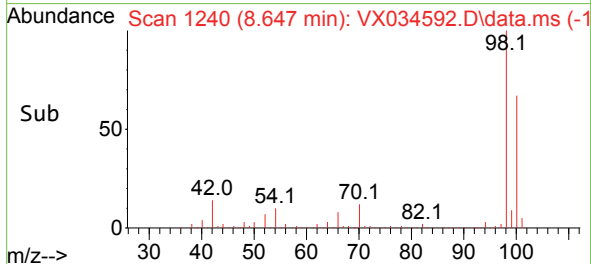
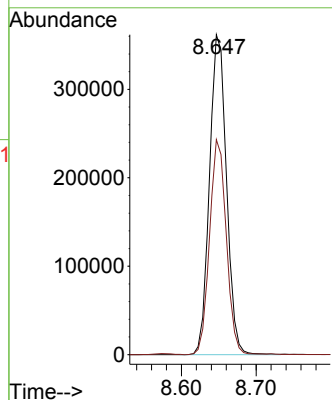
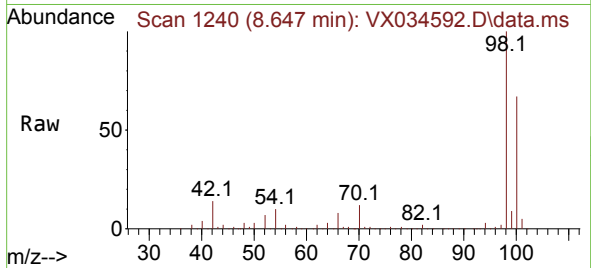




#50
Toluene-d8
Concen: 58.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

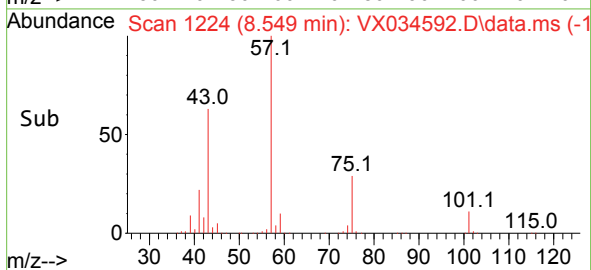
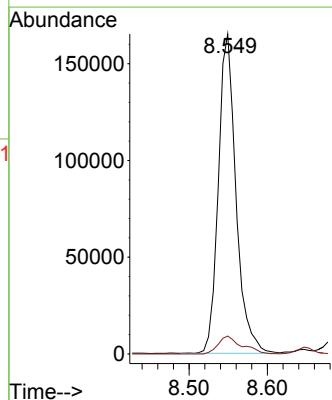
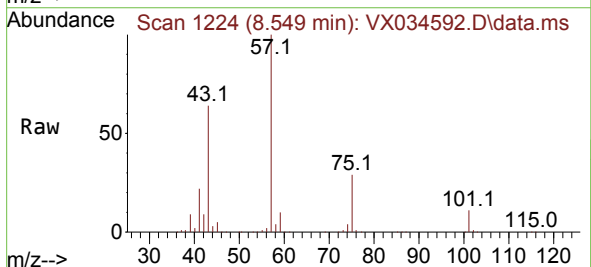
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

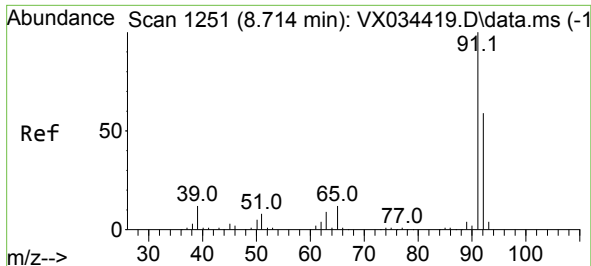
Tgt Ion: 98 Resp: 571964
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 59.889 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 43 Resp: 258738
Ion Ratio Lower Upper
43 100
58 7.5 30.6 46.0#

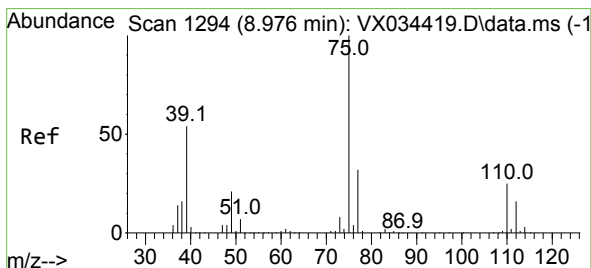
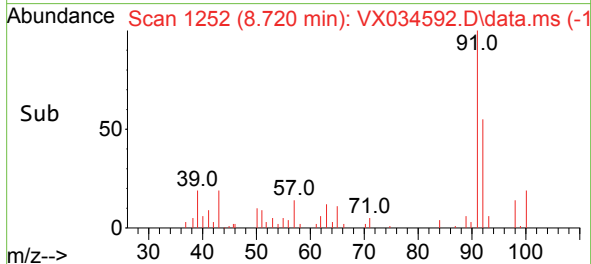
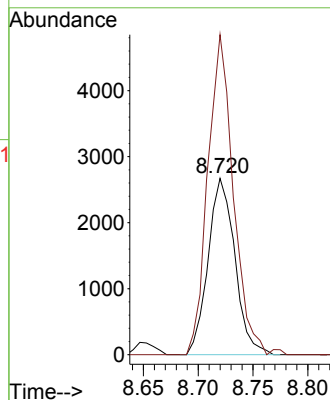
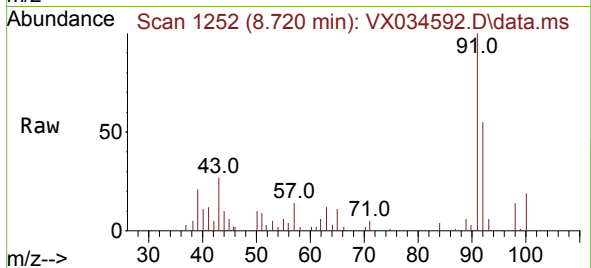




#52
Toluene
Concen: 0.624 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

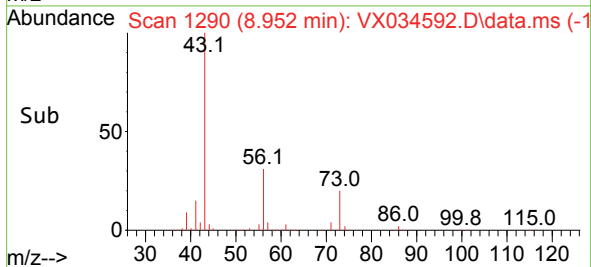
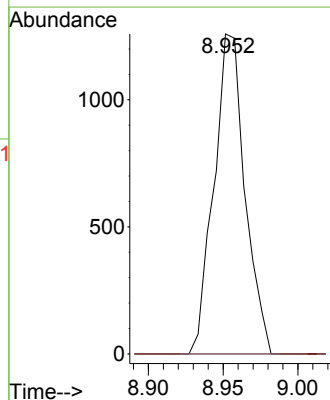
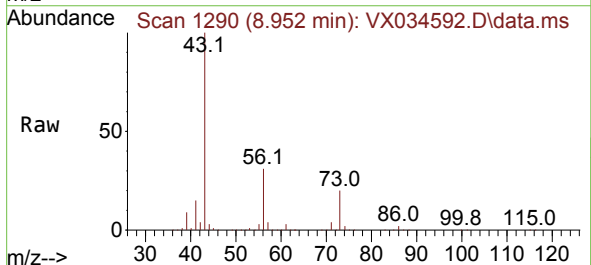
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

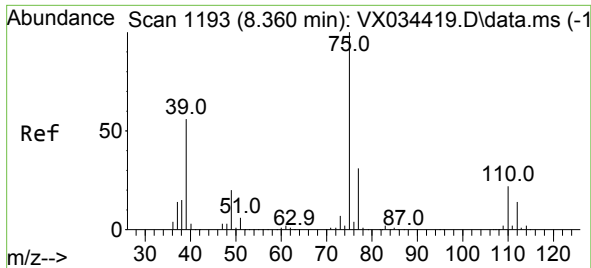
Tgt Ion: 92 Resp: 4545
Ion Ratio Lower Upper
92 100
91 173.2 136.8 205.2



#53
t-1,3-Dichloropropene
Concen: 0.399 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 75 Resp: 1818
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

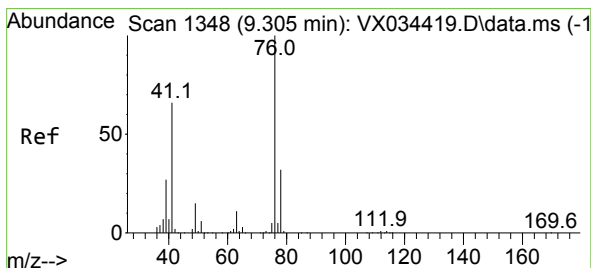
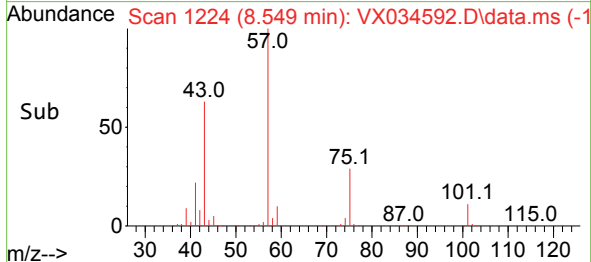
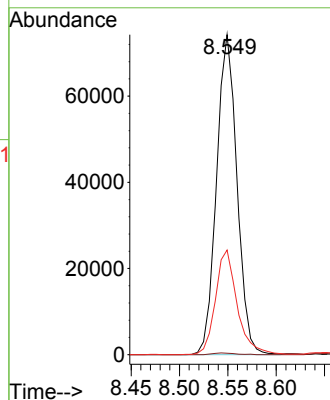
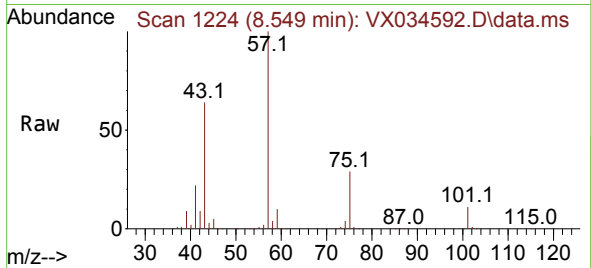




#54
cis-1,3-Dichloropropene
Concen: 22.080 ug/l
RT: 8.549 min Scan# 1193
Delta R.T. 0.189 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

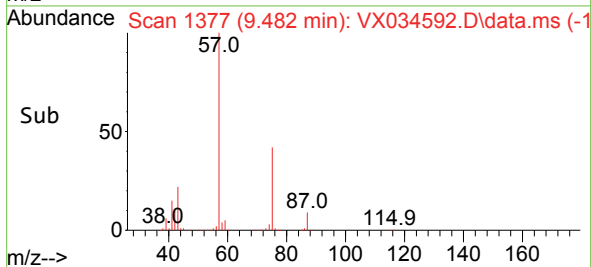
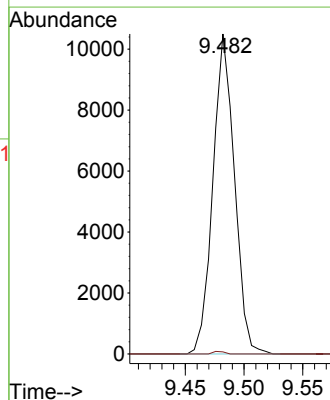
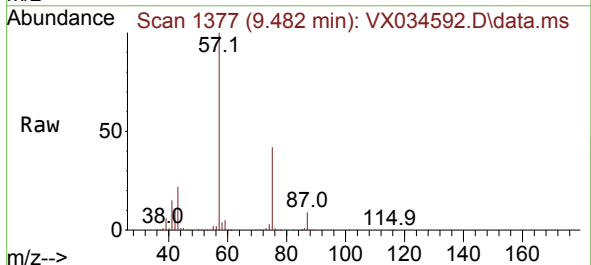
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

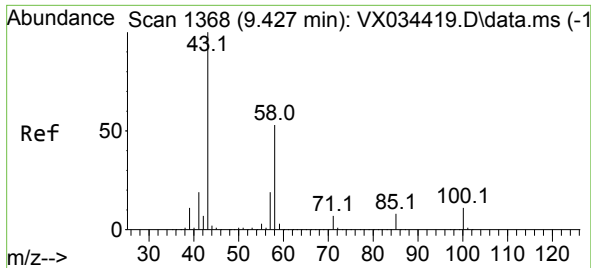
Tgt Ion: 75 Resp: 108839
Ion Ratio Lower Upper
75 100
77 0.4 25.0 37.4#
39 32.7 44.6 66.8#



#57
1,3-Dichloropropane
Concen: 2.604 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 76 Resp: 13384
Ion Ratio Lower Upper
76 100
78 0.4 25.8 38.8#

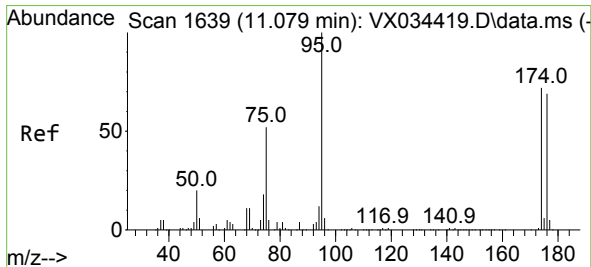
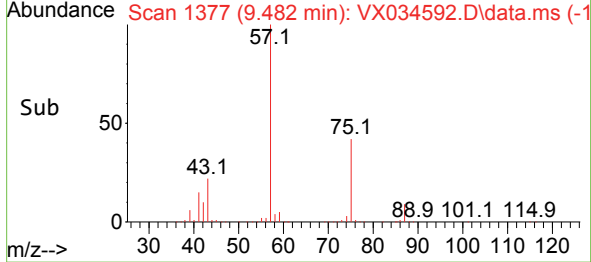
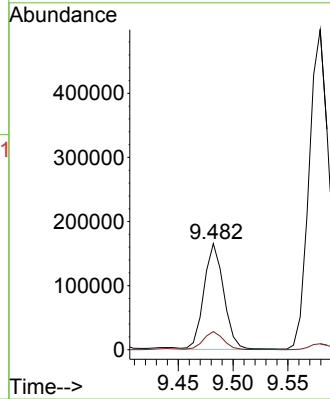
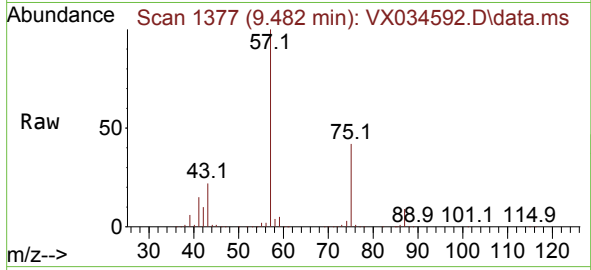




#59
2-Hexanone
Concen: 62.333 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

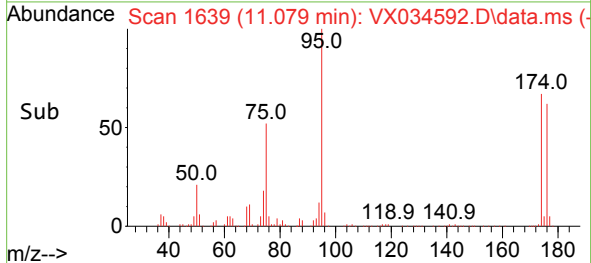
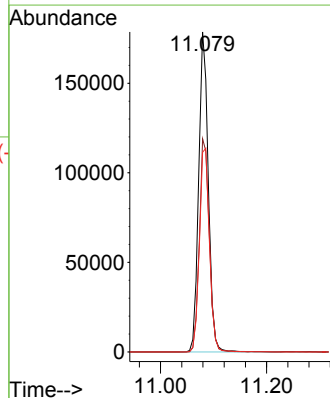
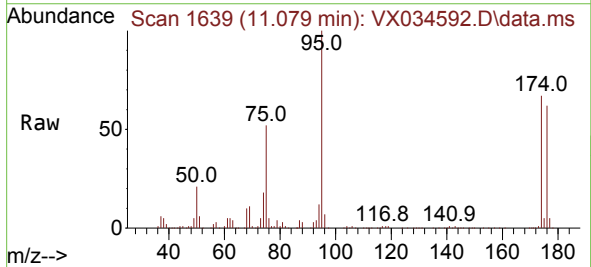
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

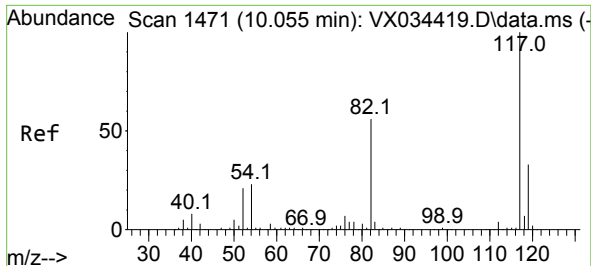
Tgt Ion: 43 Resp: 208171
Ion Ratio Lower Upper
43 100
58 17.4 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 56.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion: 95 Resp: 224969
Ion Ratio Lower Upper
95 100
174 68.9 0.0 147.4
176 66.7 0.0 140.6

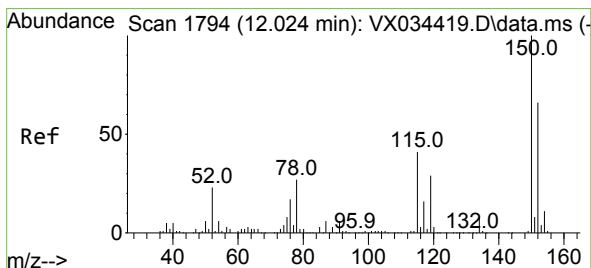
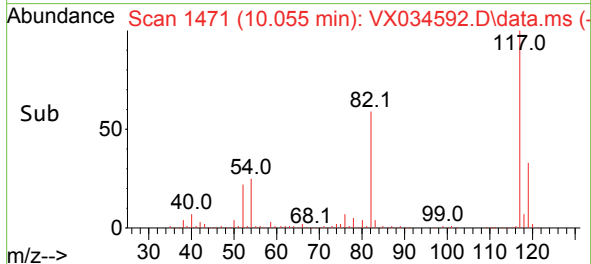
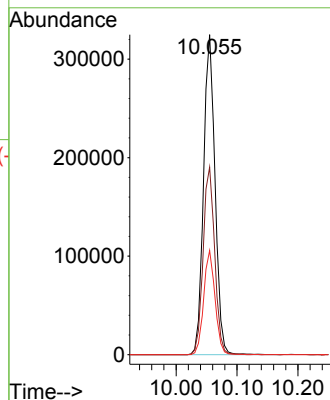
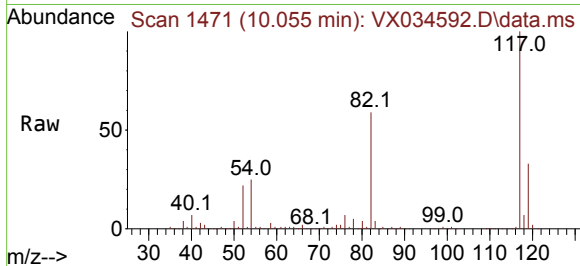




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

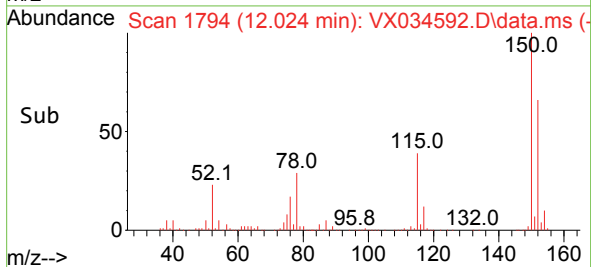
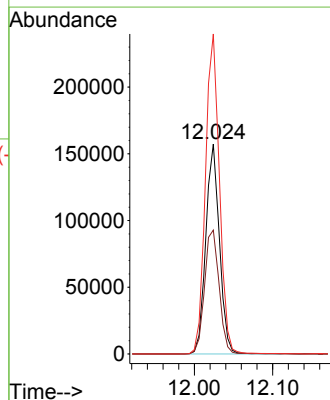
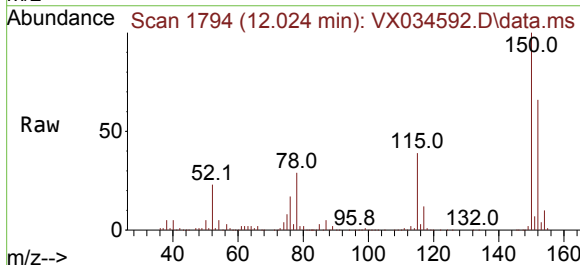
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#13

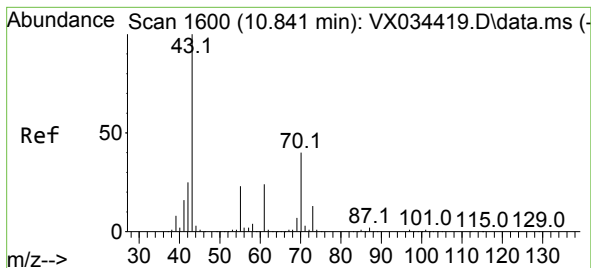
Tgt Ion:117 Resp: 426597
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034592.D
Acq: 17 Mar 2023 18:19

Tgt Ion:152 Resp: 190354
Ion Ratio Lower Upper
152 100
115 63.2 45.0 135.0
150 155.8 0.0 352.4





#74

N-amy1 acetate

Concen: 11.870 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

Lab File: VX034592.D

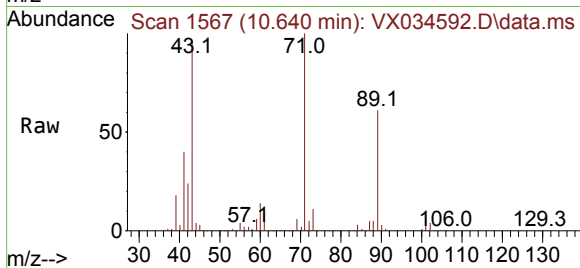
Acq: 17 Mar 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

PB151466ZHE#13



Tgt Ion: 43 Resp: 83645

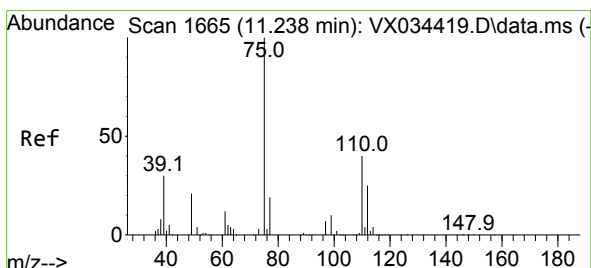
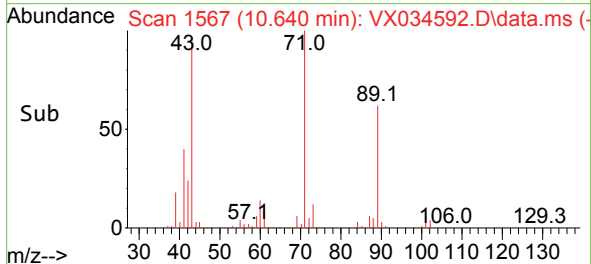
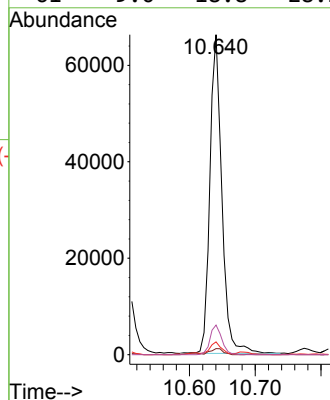
Ion Ratio Lower Upper

43 100

70 2.0 32.1 48.1#

55 4.6 18.3 27.5#

61 9.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 27.084 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034592.D

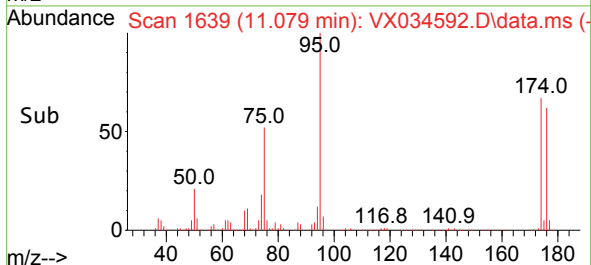
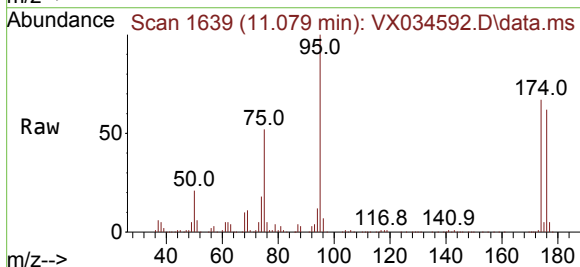
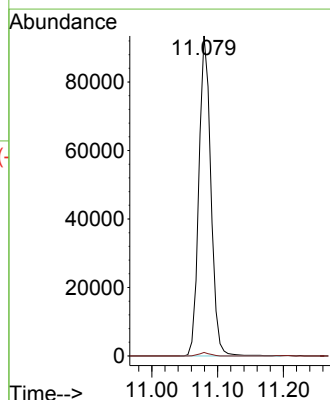
Acq: 17 Mar 2023 18:19

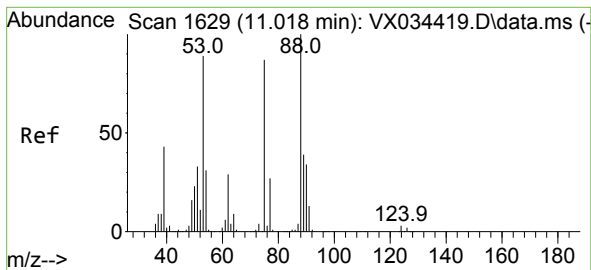
Tgt Ion: 75 Resp: 118376

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.270 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034592.D
 Acq: 17 Mar 2023 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#13

Tgt Ion: 75 Resp: 118376
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

