

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034589.D
 Acq On : 17 Mar 2023 17:08
 Operator : JC/MD
 Sample : PB151466ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#10

Quant Time: Mar 20 00:04:42 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)

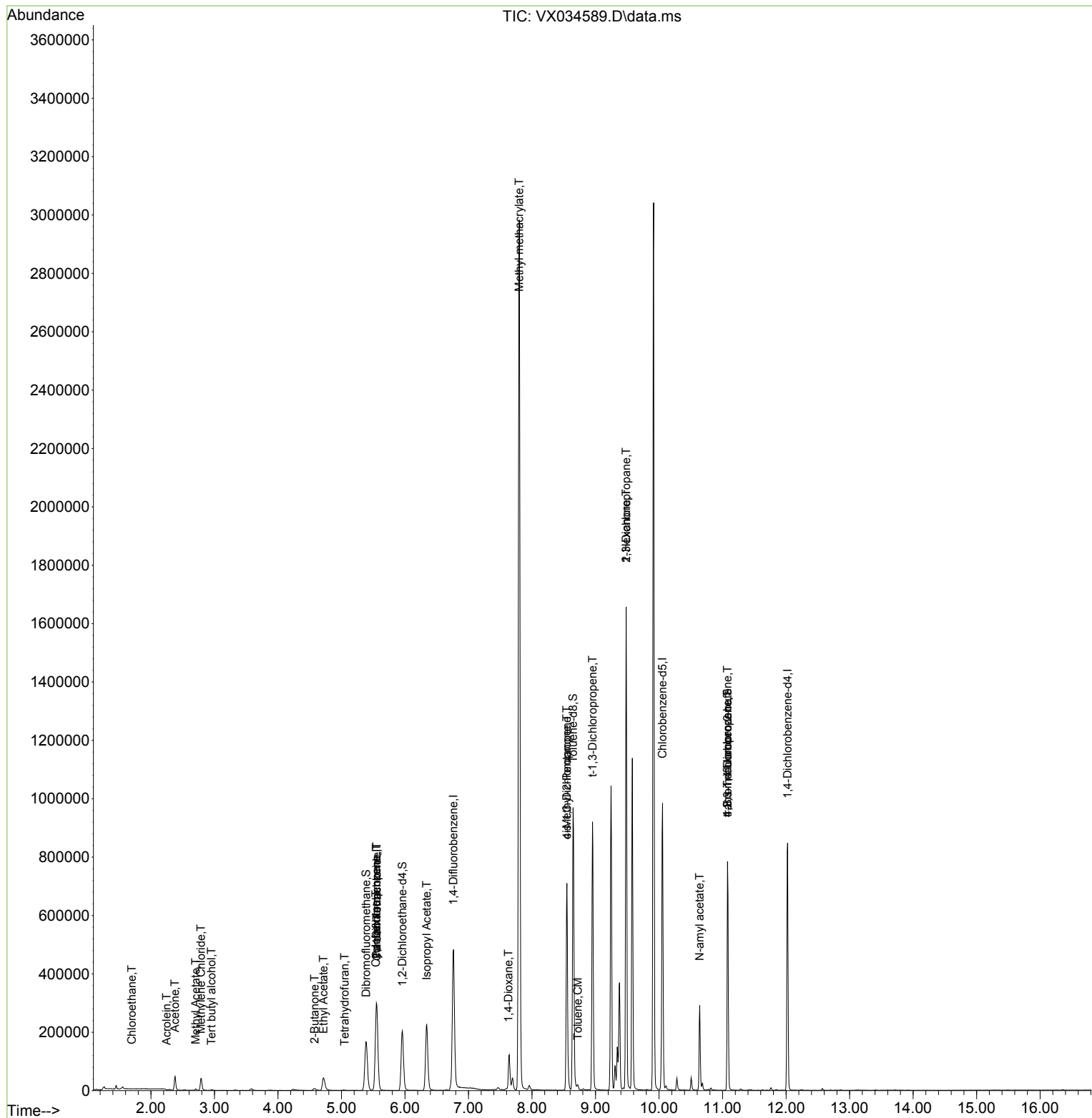
Internal Standards						
1) Pentafluorobenzene	5.550	168	266442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	460488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205869	53.111	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.220%			
35) Dibromofluoromethane	5.385	113	147252	48.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.860%			
50) Toluene-d8	8.647	98	554912	48.892	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	208120	45.397	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.800%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	550	Below Cal	#	42
6) Chloroethane	1.697	64	488	0.251	ug/l #	42
11) Tert butyl alcohol	2.953	59	2614	3.238	ug/l #	87
13) Acrolein	2.245	56	216	0.338	ug/l #	67
16) Acetone	2.380	43	50991	27.927	ug/l	98
18) Methyl Acetate	2.703	43	5213	0.874	ug/l	97
20) Methylene Chloride	2.788	84	18049	5.093	ug/l #	91
25) 2-Butanone	4.574	43	13305	5.093	ug/l #	81
29) Tetrahydrofuran	5.050	42	1632	1.012	ug/l #	37
31) Cyclohexane	5.544	56	6447	1.186	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	24109	5.163	ug/l #	50
37) Ethyl Acetate	4.714	43	79033	15.492	ug/l	98
38) Carbon Tetrachloride	5.556	117	30349	6.533	ug/l #	16
43) Isopropyl Acetate	6.342	43	317220	36.705	ug/l	100
48) Methyl methacrylate	7.799	41	275448	66.268	ug/l #	46
49) 1,4-Dioxane	7.629	88	23	0.263	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	251390	50.142	ug/l #	49
52) Toluene	8.720	92	5145	0.608	ug/l	100
53) t-1,3-Dichloropropene	8.952	75	2101	0.397	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	105248	18.399	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	13216	2.215	ug/l #	42
59) 2-Hexanone	9.482	43	199095	51.372	ug/l #	51
74) N-amyl acetate	10.640	43	80582	12.566	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	110567	27.797	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110567	75.200	ug/l #	8

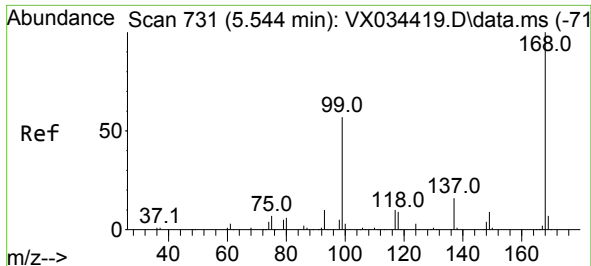
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Mar 20 00:04:42 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

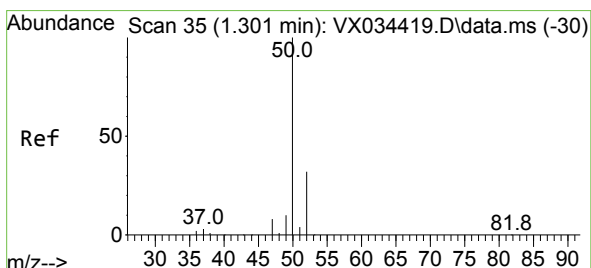
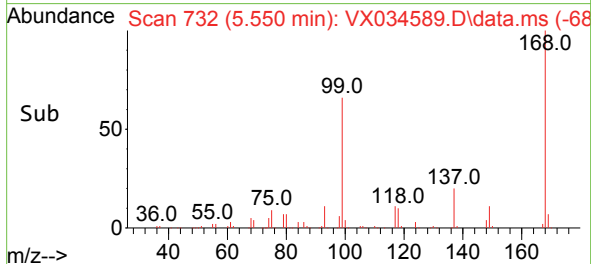
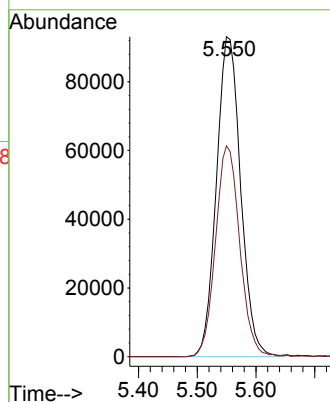
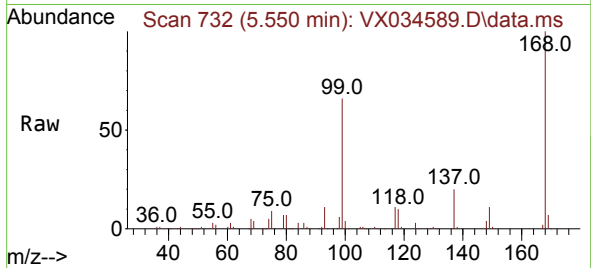




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

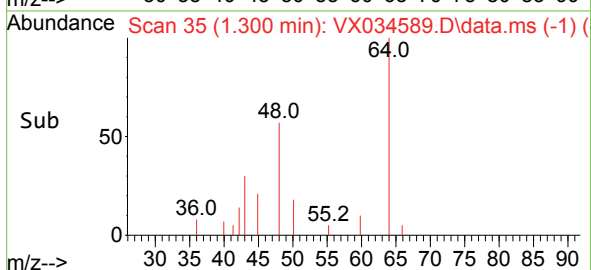
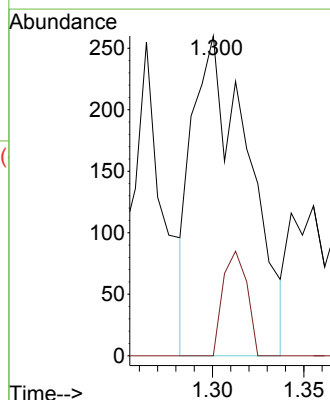
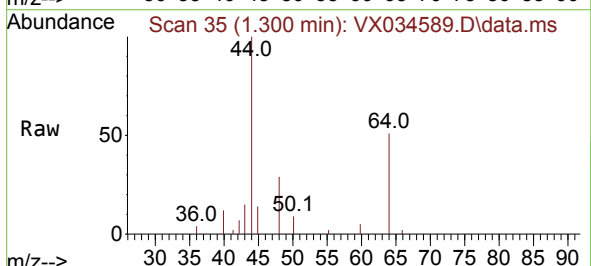
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

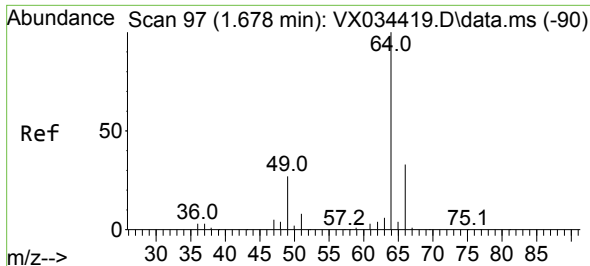
Tgt Ion:168 Resp: 266442
Ion Ratio Lower Upper
168 100
99 65.9 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 50 Resp: 550
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

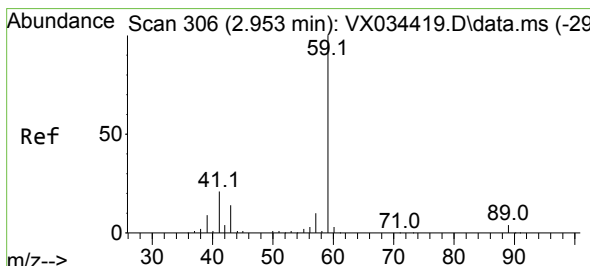
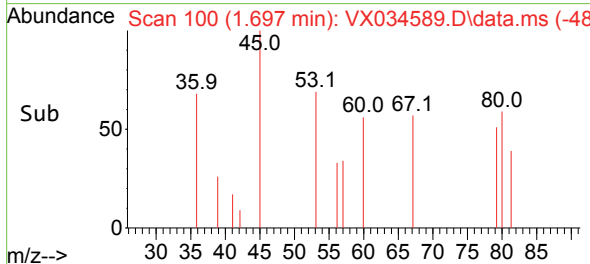
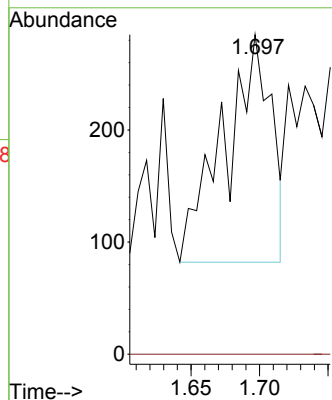
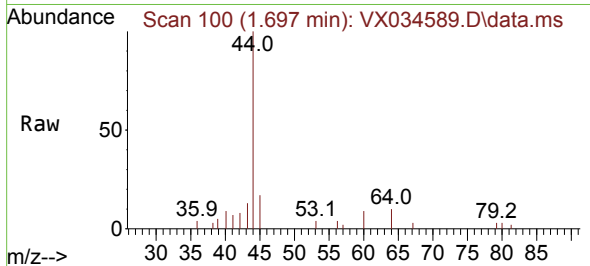




#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

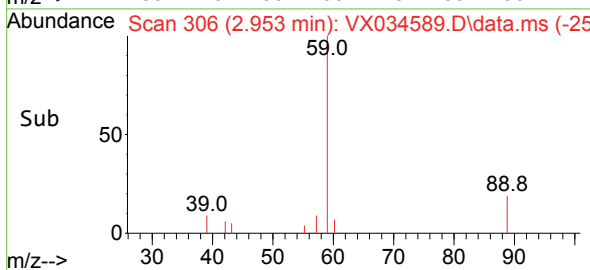
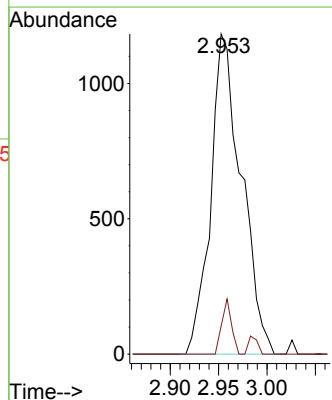
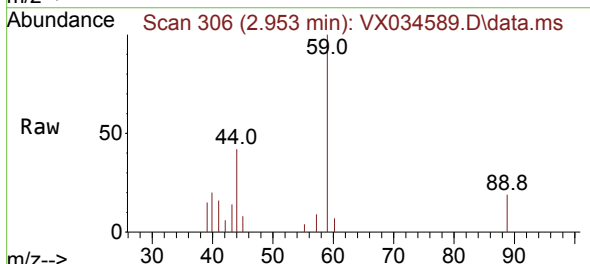
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

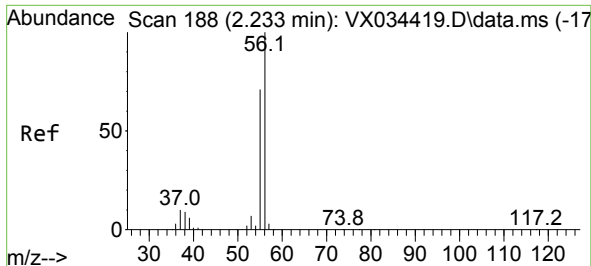
Tgt Ion: 64 Resp: 488
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 3.238 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 59 Resp: 2614
Ion Ratio Lower Upper
59 100
57 5.4 8.1 12.1#

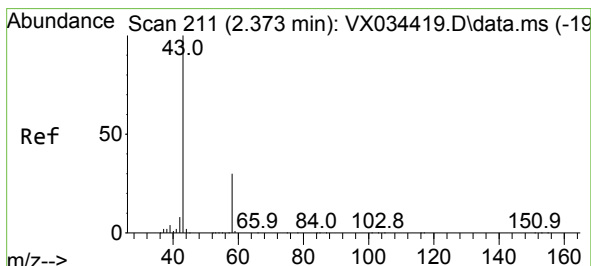
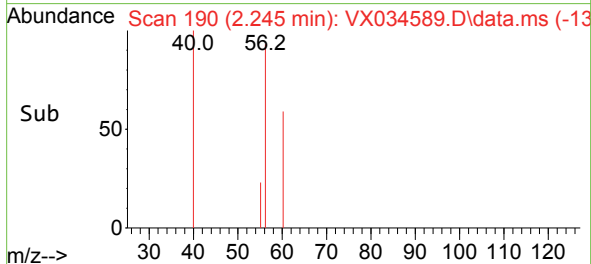
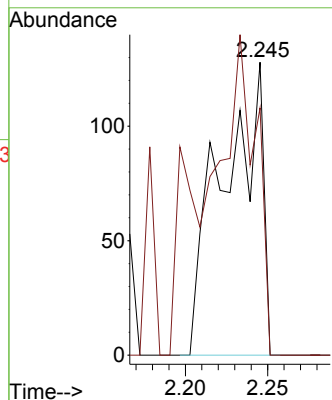
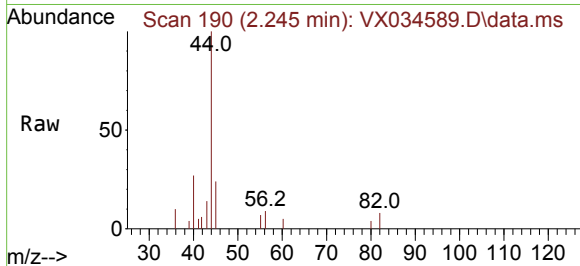




#13
Acrolein
Concen: 0.338 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

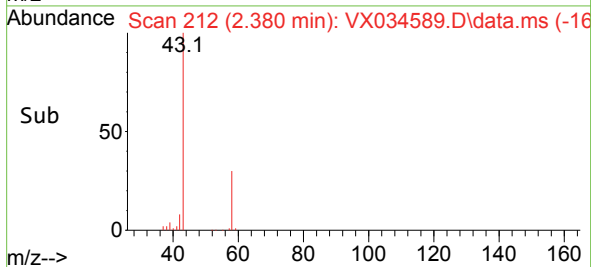
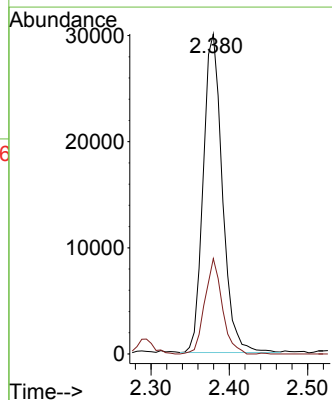
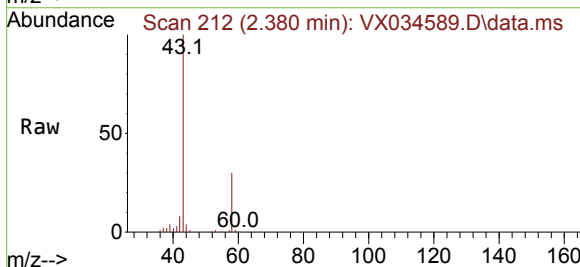
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

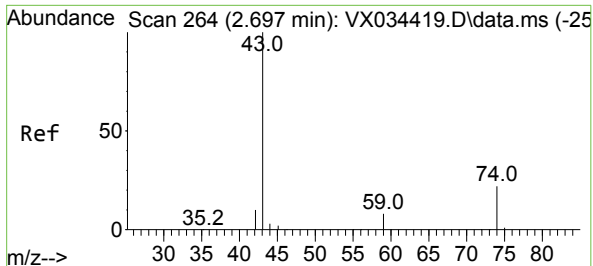
Tgt Ion: 56 Resp: 216
Ion Ratio Lower Upper
56 100
55 98.1 56.6 85.0#



#16
Acetone
Concen: 27.927 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 43 Resp: 50991
Ion Ratio Lower Upper
43 100
58 29.9 24.7 37.1

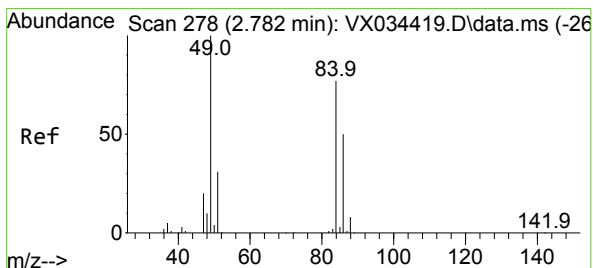
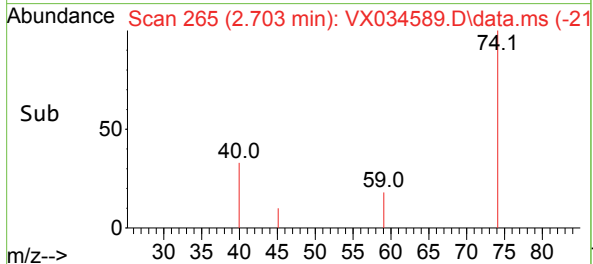
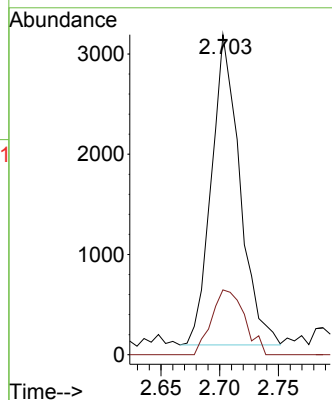
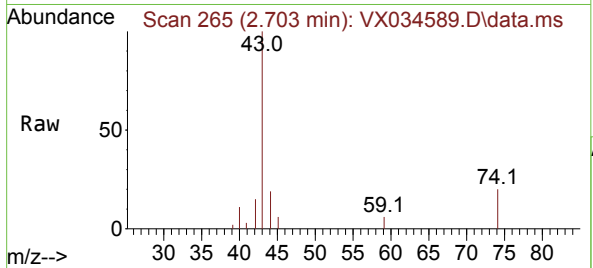




#18
Methyl Acetate
Concen: 0.874 ug/l
RT: 2.703 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

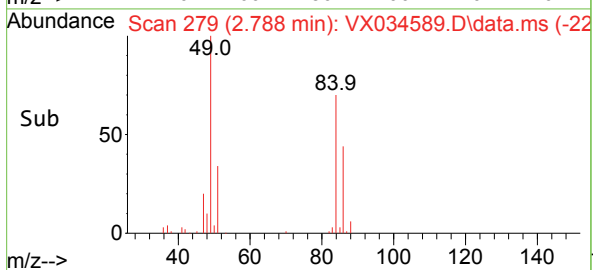
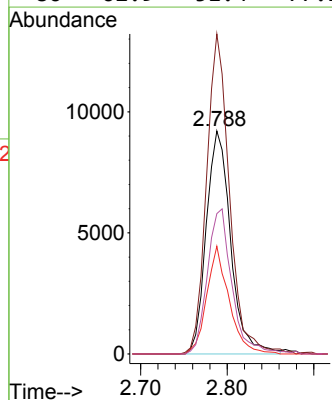
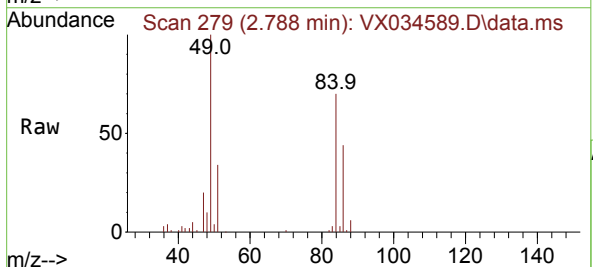
Instrument :
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ClientSampleId :
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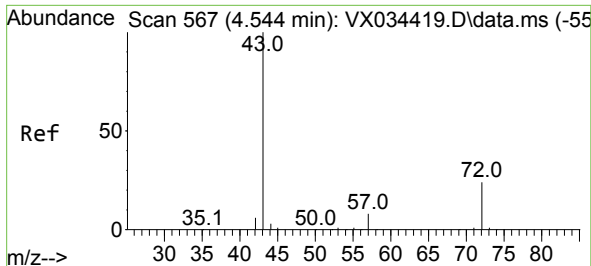
Tgt Ion: 43 Resp: 5213
Ion Ratio Lower Upper
43 100
74 24.1 18.3 27.5



#20
Methylene Chloride
Concen: 5.093 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 84 Resp: 18049
Ion Ratio Lower Upper
84 100
49 143.5 103.8 155.8
51 48.3 31.8 47.8#
86 62.9 51.4 77.2

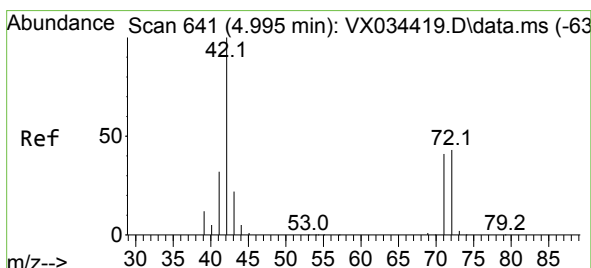
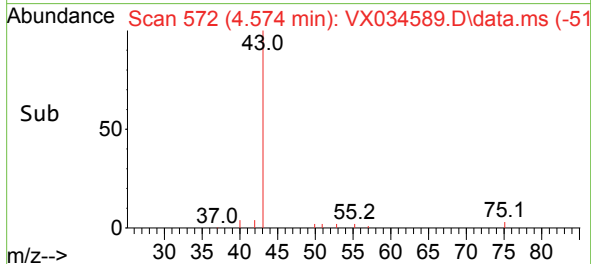
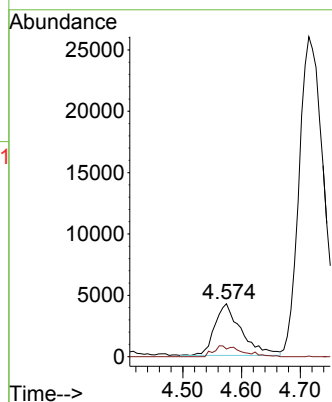
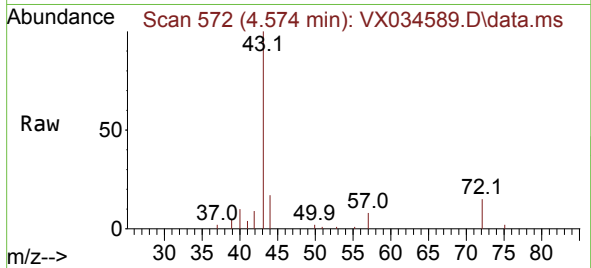




#25
2-Butanone
Concen: 5.093 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

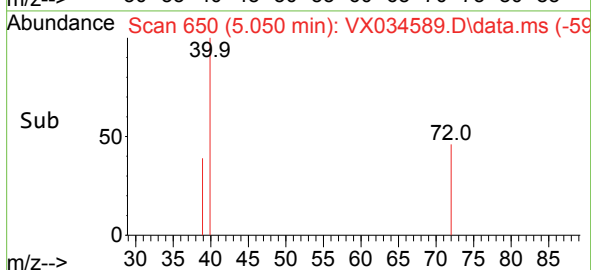
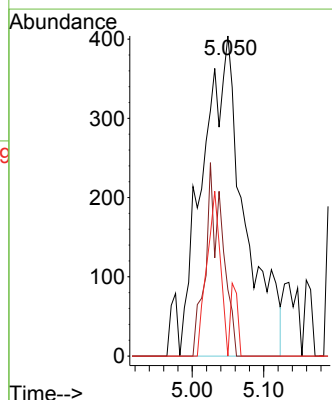
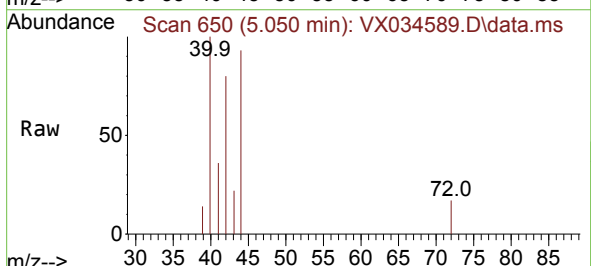
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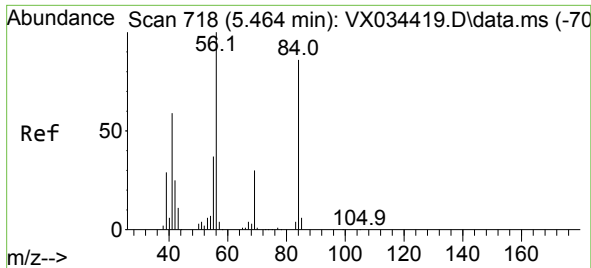
Tgt Ion: 43 Resp: 13305
Ion Ratio Lower Upper
43 100
72 14.9 19.3 28.9#



#29
Tetrahydrofuran
Concen: 1.012 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.055 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

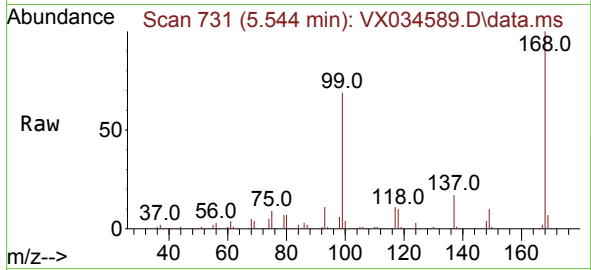
Tgt Ion: 42 Resp: 1632
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 3.9 32.1 48.1#



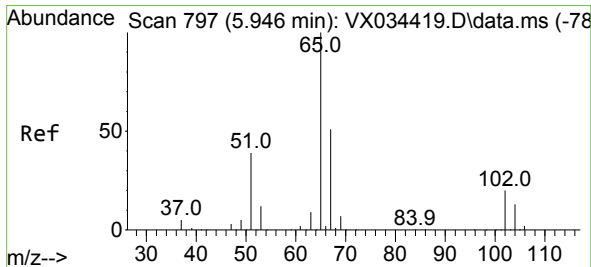
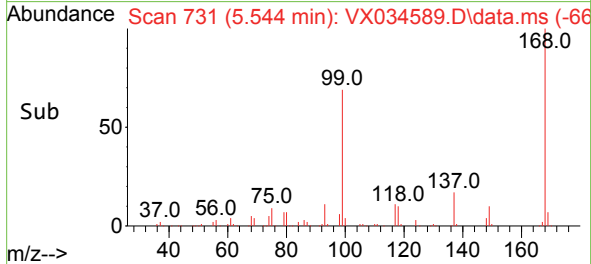
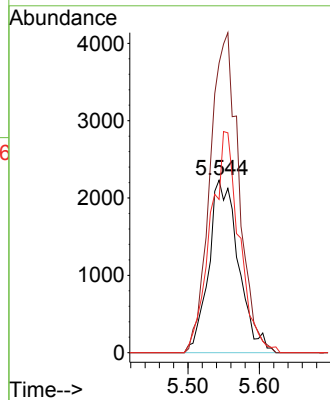


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

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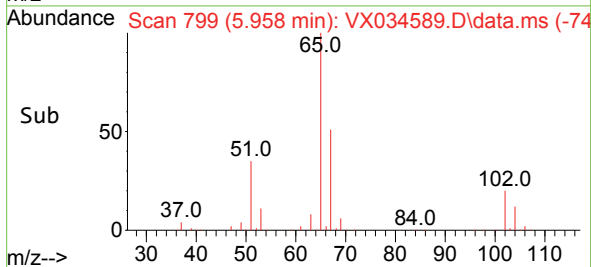
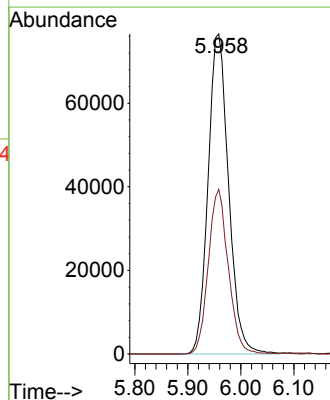
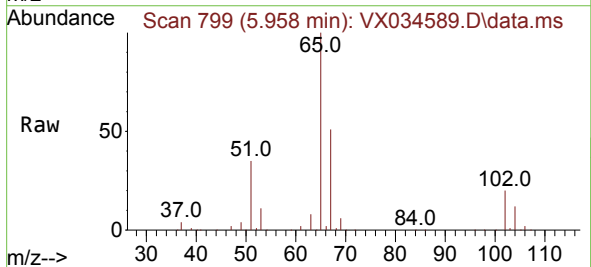


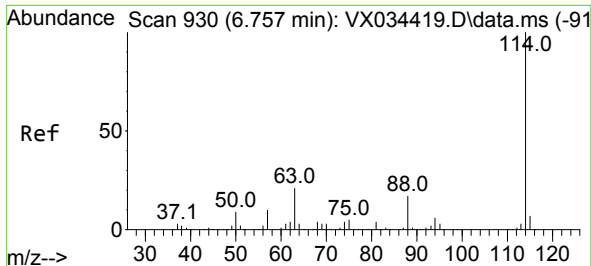
Tgt Ion: 56 Resp: 6447
Ion Ratio Lower Upper
56 100
69 167.9 23.7 35.5#
84 88.9 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 53.111 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 65 Resp: 205869
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0

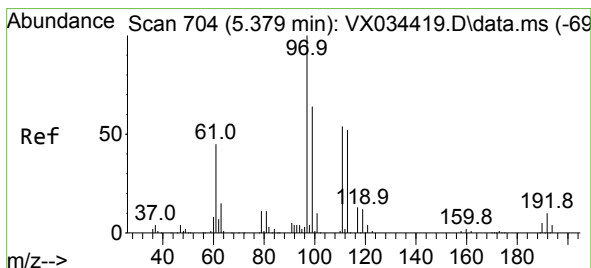
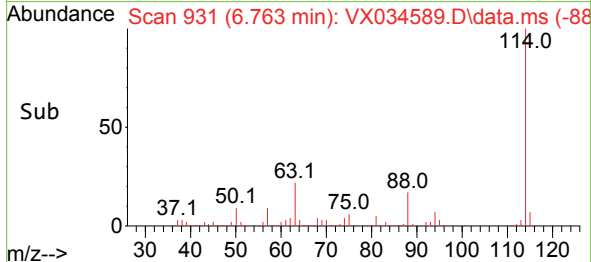
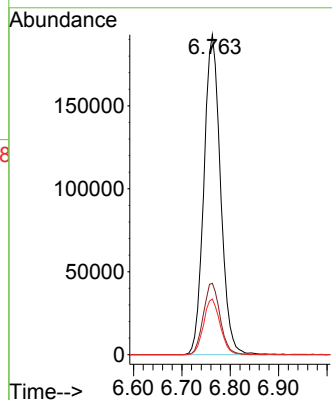
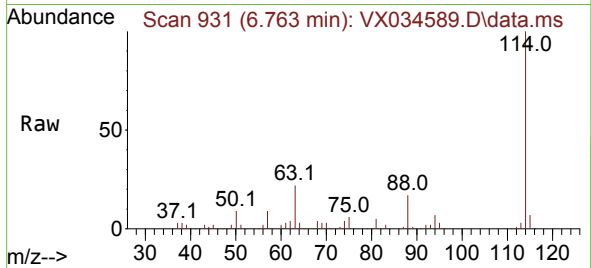




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

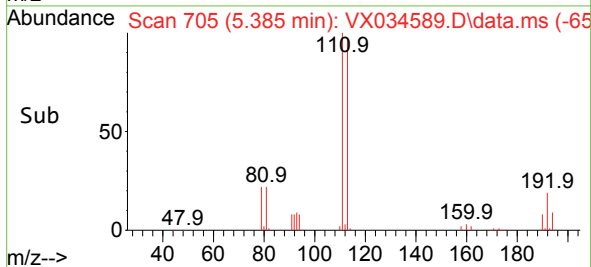
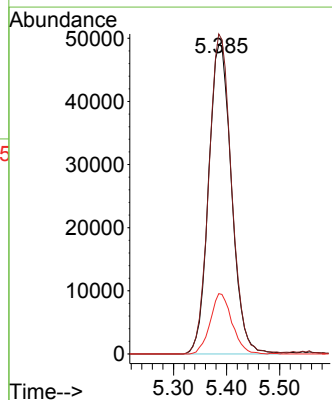
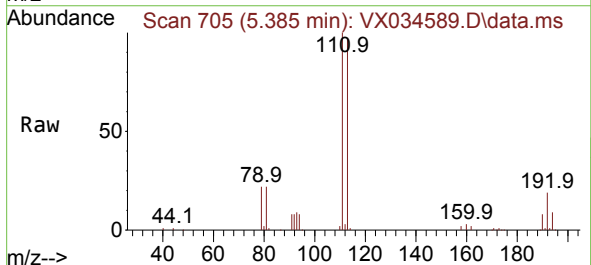
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

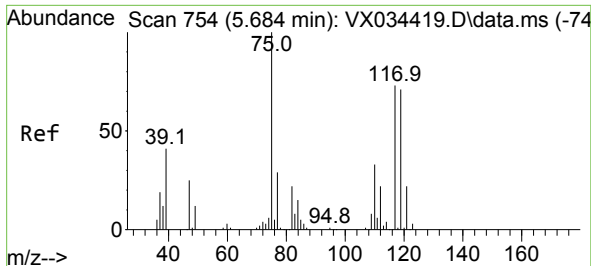
Tgt Ion:114 Resp: 460488
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 17.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.432 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

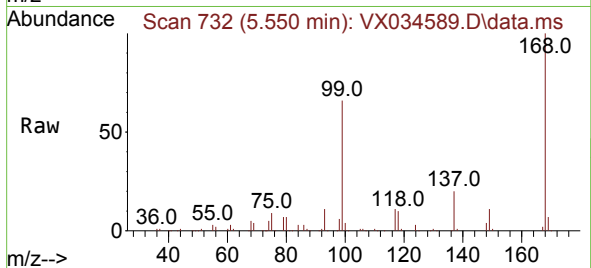
Tgt Ion:113 Resp: 147252
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.5 15.4 23.2



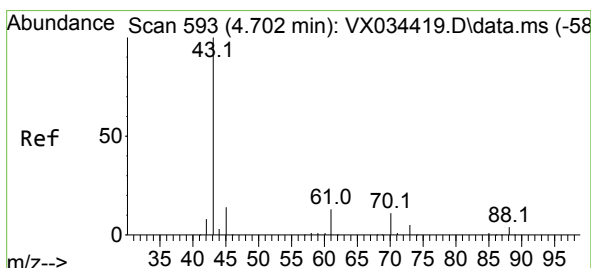
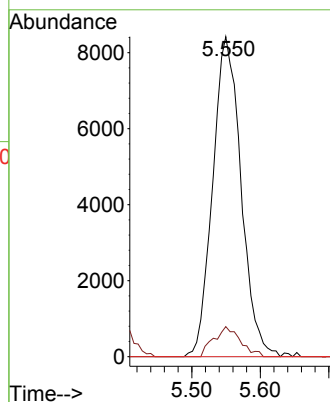
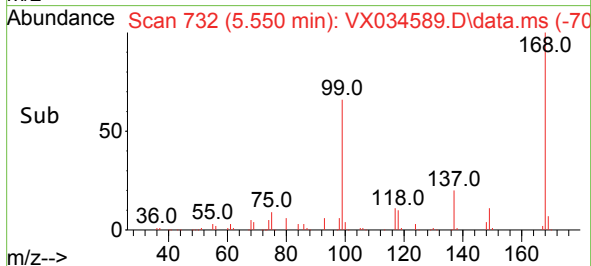


#36
1,1-Dichloropropene
Concen: 5.163 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

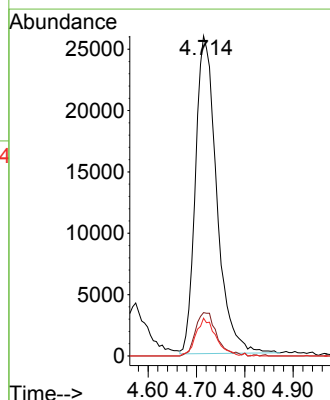
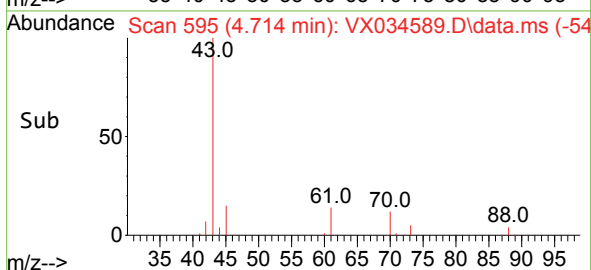
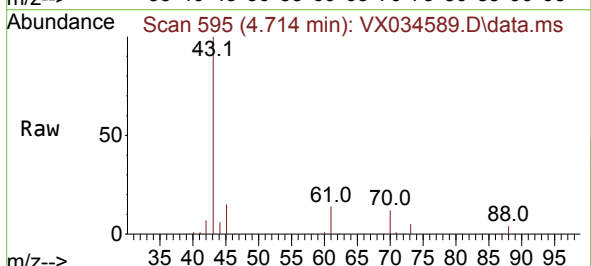


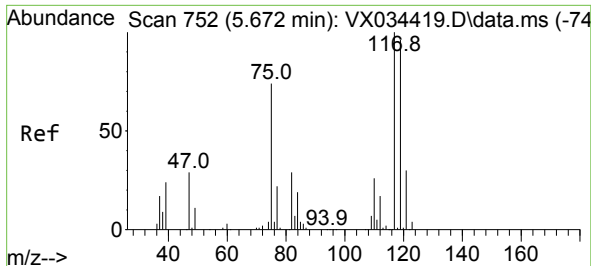
Tgt Ion: 75 Resp: 24109
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 15.492 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

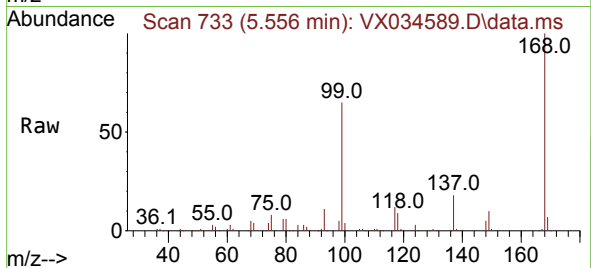
Tgt Ion: 43 Resp: 79033
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 11.1 8.2 12.4



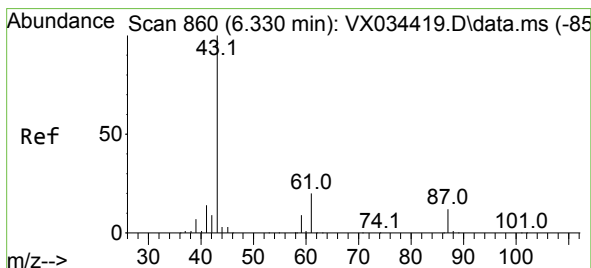
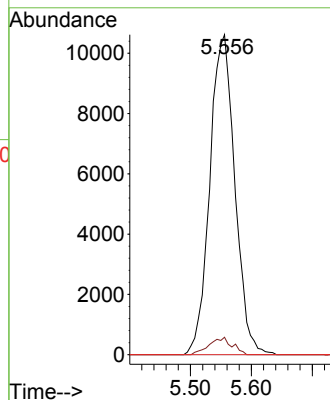
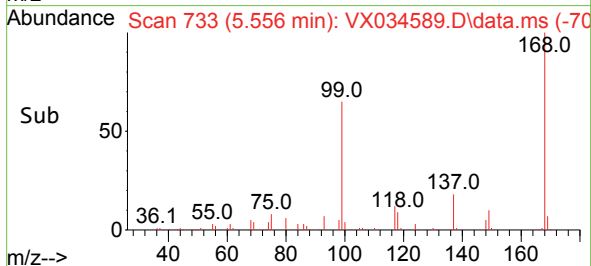


#38
Carbon Tetrachloride
Concen: 6.533 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

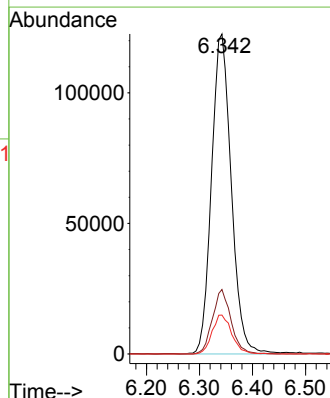
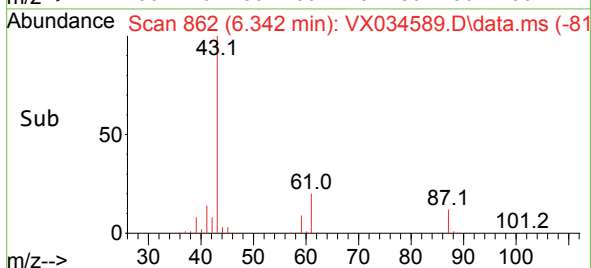
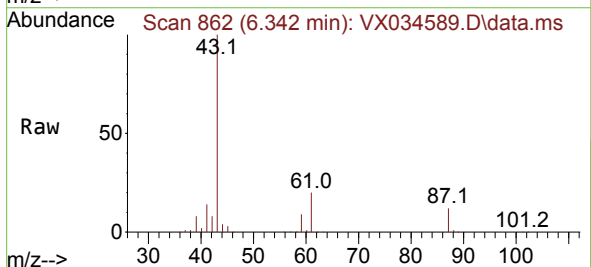


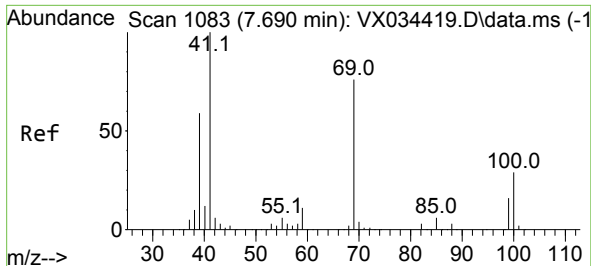
Tgt Ion:117 Resp: 30349
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 36.705 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 43 Resp: 317220
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.1 9.8 14.8

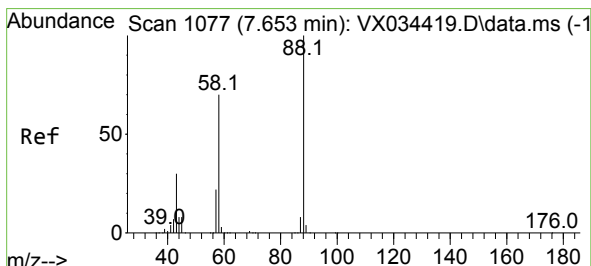
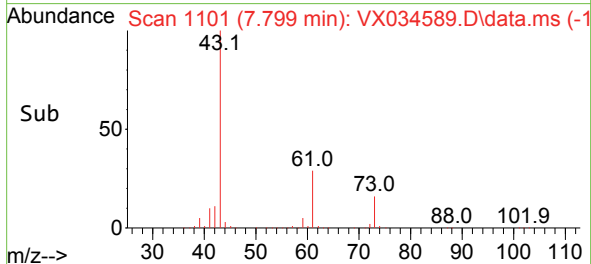
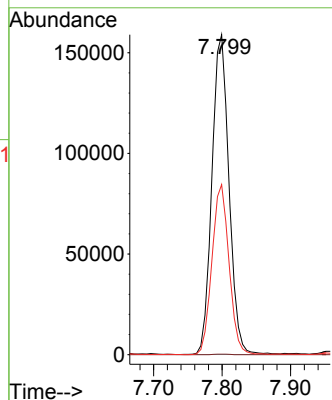
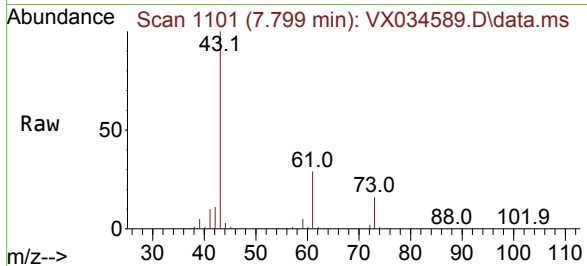




#48
Methyl methacrylate
Concen: 66.268 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

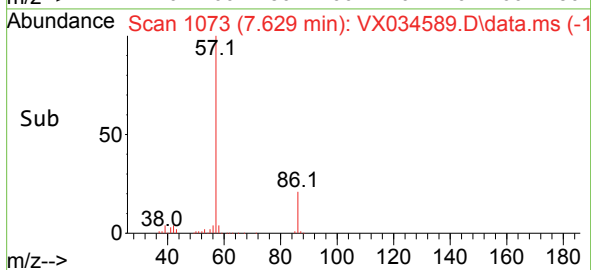
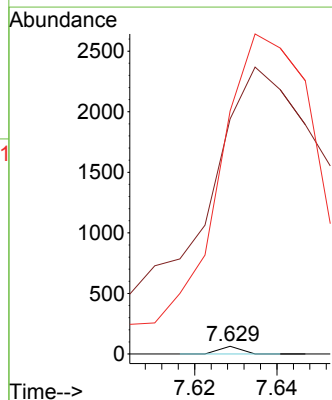
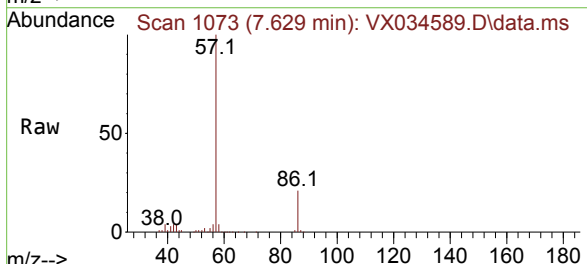
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

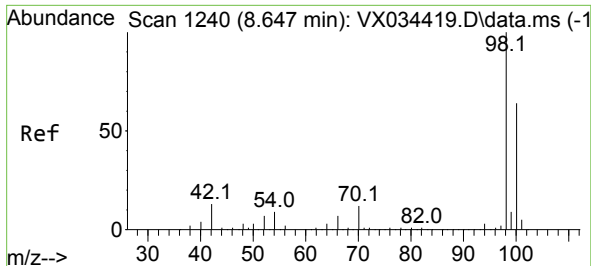
Tgt Ion: 41 Resp: 275448
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 53.3 47.7 71.5



#49
1,4-Dioxane
Concen: 0.263 ug/l
RT: 7.629 min Scan# 1073
Delta R.T. -0.024 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 21947.8 56.8 85.2#

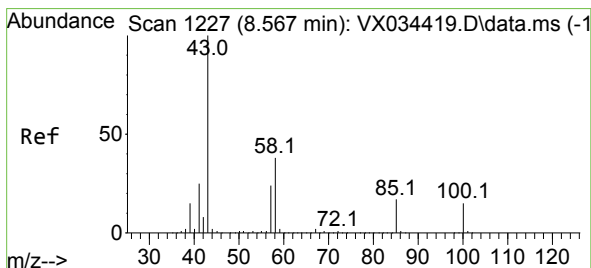
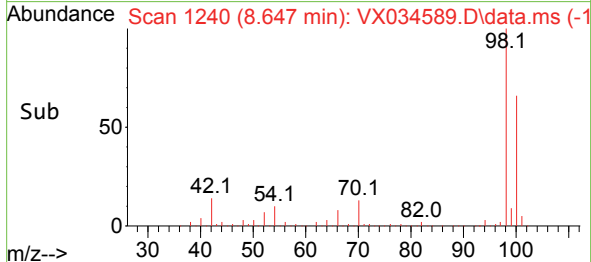
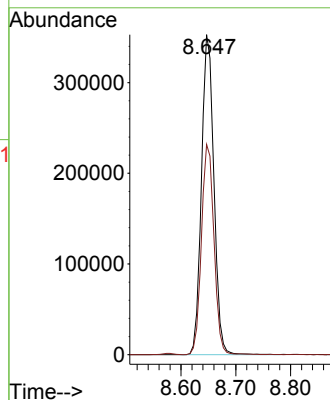
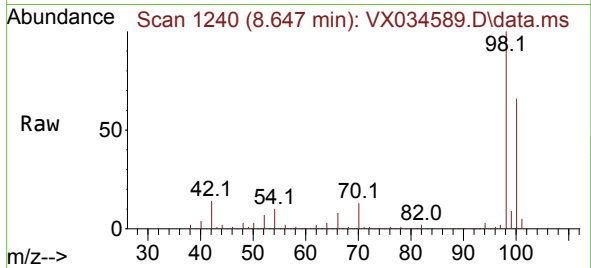




#50
Toluene-d8
Concen: 48.892 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

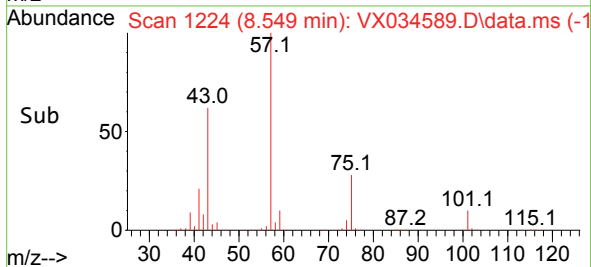
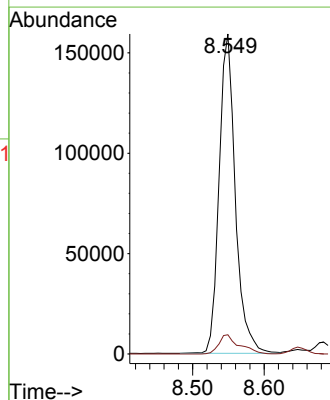
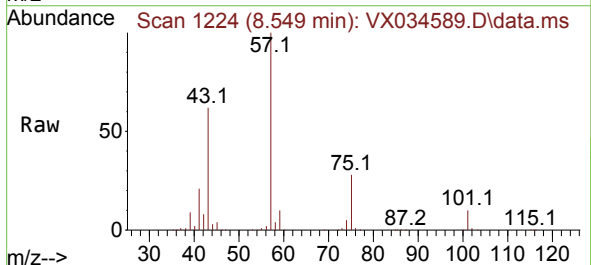
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

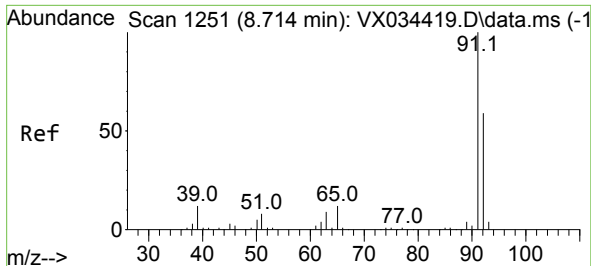
Tgt Ion: 98 Resp: 554912
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 50.142 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 43 Resp: 251390
Ion Ratio Lower Upper
43 100
58 7.6 30.6 46.0#

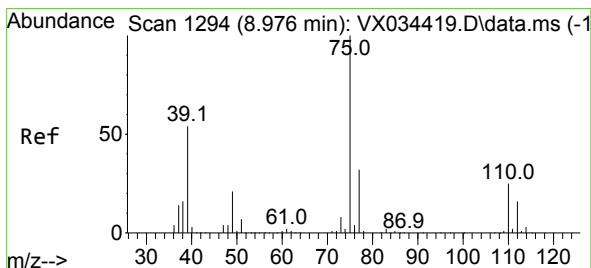
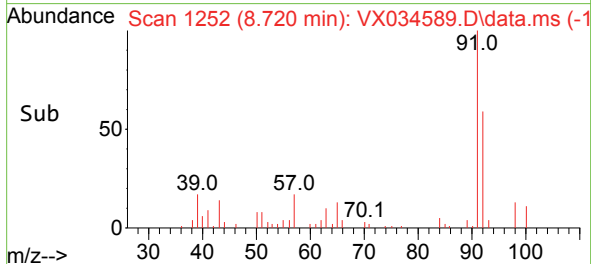
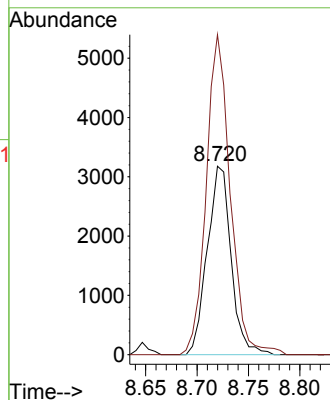
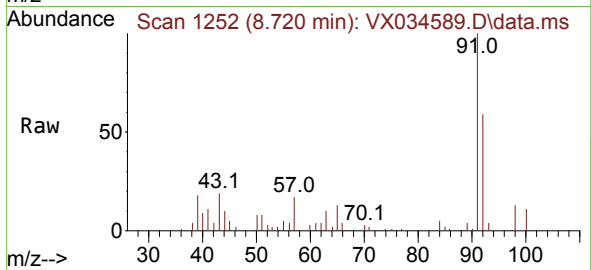




#52
Toluene
Concen: 0.608 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

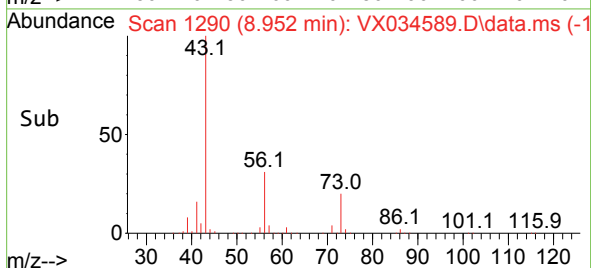
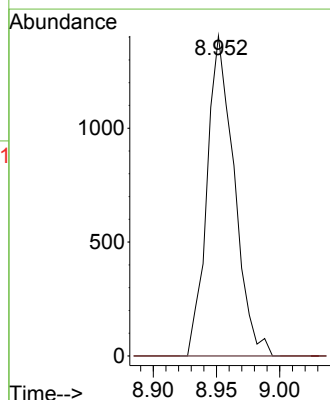
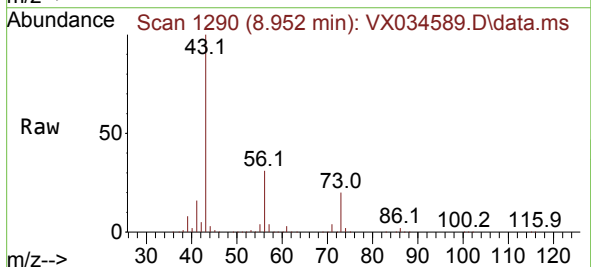
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

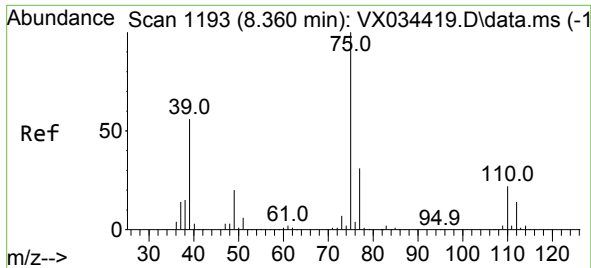
Tgt Ion: 92 Resp: 5145
Ion Ratio Lower Upper
92 100
91 170.9 136.8 205.2



#53
t-1,3-Dichloropropene
Concen: 0.397 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 75 Resp: 2101
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

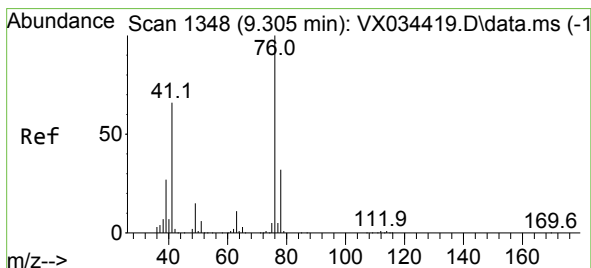
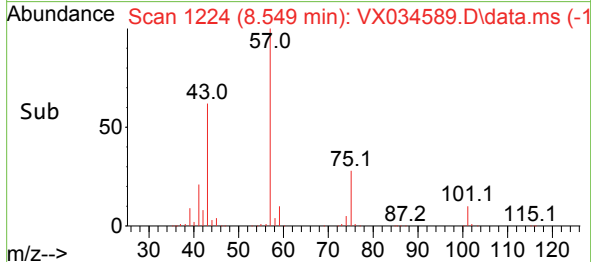
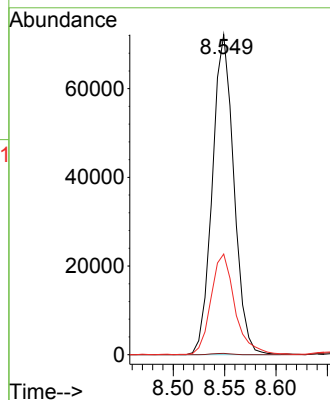
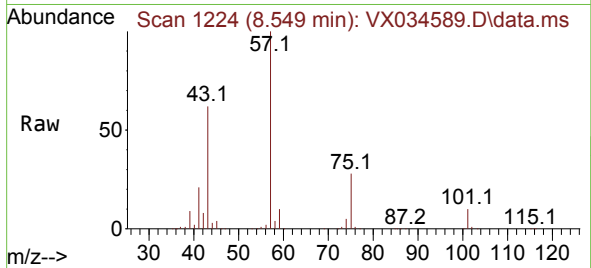




#54
cis-1,3-Dichloropropene
Concen: 18.399 ug/l
RT: 8.549 min Scan# 1193
Delta R.T. 0.189 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

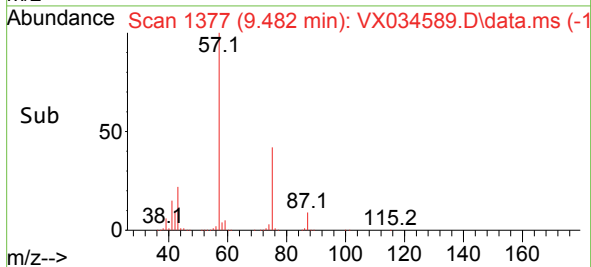
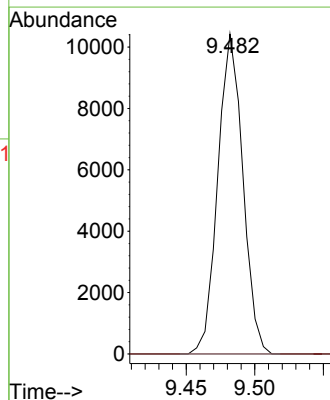
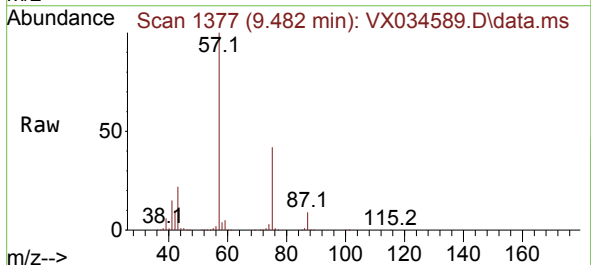
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

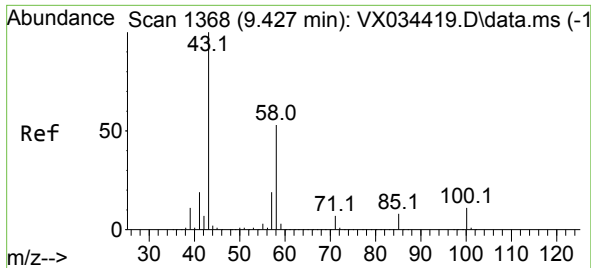
Tgt Ion: 75 Resp: 105248
Ion Ratio Lower Upper
75 100
77 0.4 25.0 37.4#
39 31.3 44.6 66.8#



#57
1,3-Dichloropropane
Concen: 2.215 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 76 Resp: 13216
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#

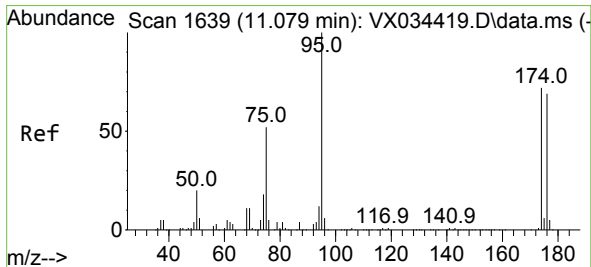
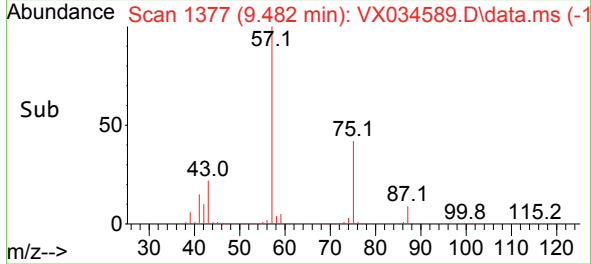
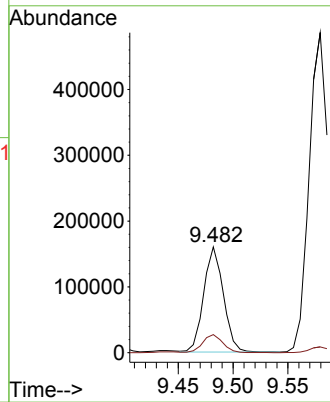
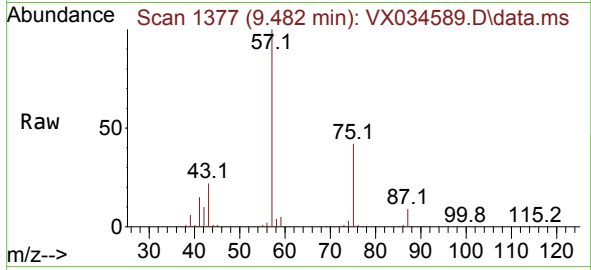




#59
2-Hexanone
Concen: 51.372 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

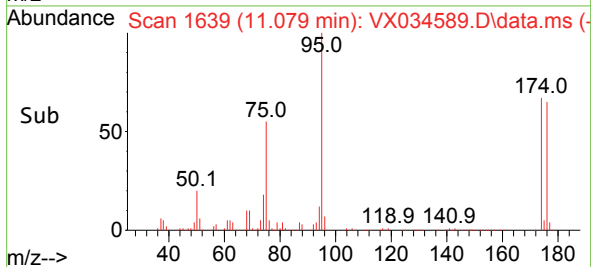
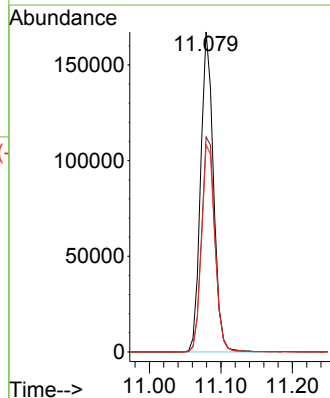
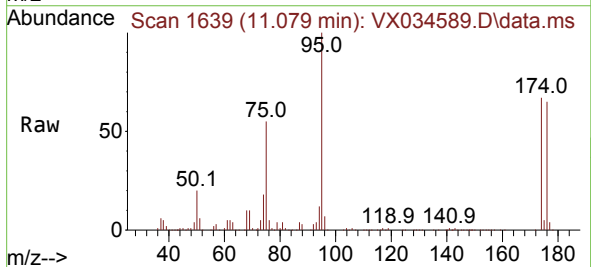
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

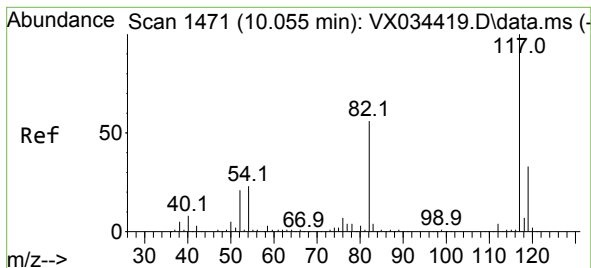
Tgt Ion: 43 Resp: 199095
Ion Ratio Lower Upper
43 100
58 18.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 45.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion: 95 Resp: 208120
Ion Ratio Lower Upper
95 100
174 70.2 0.0 147.4
176 67.6 0.0 140.6

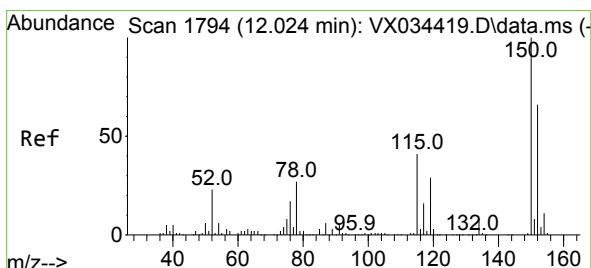
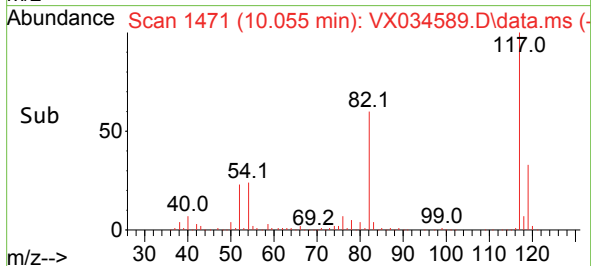
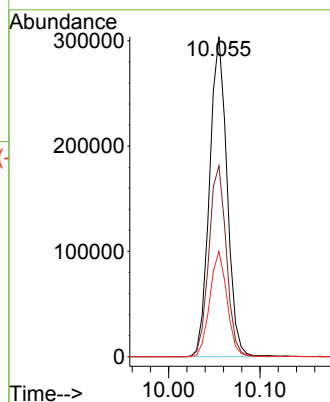
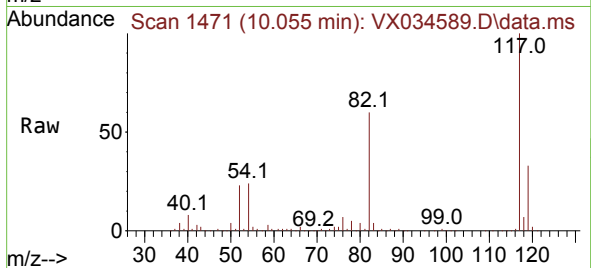




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

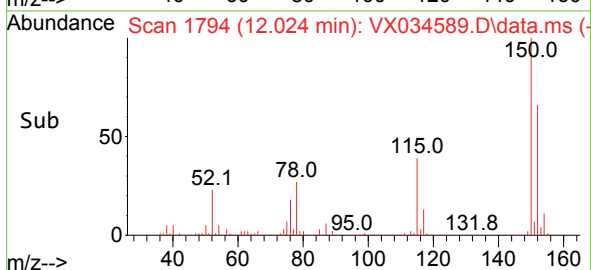
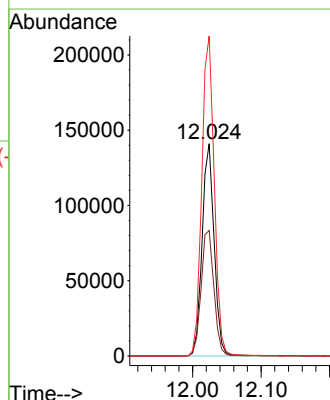
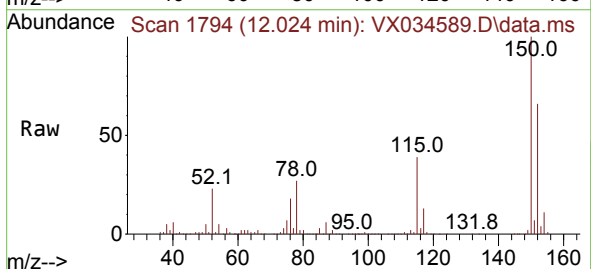
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#10

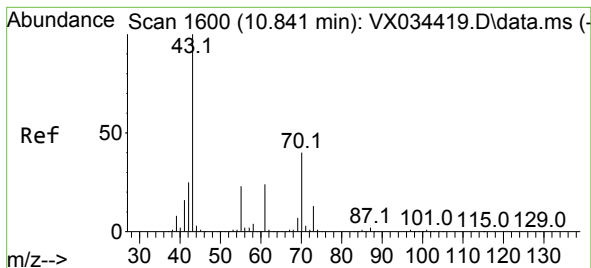
Tgt Ion:117 Resp: 402965
Ion Ratio Lower Upper
117 100
82 59.7 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034589.D
Acq: 17 Mar 2023 17:08

Tgt Ion:152 Resp: 173232
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 155.7 0.0 352.4





#74

N-amy1 acetate

Concen: 12.566 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

Lab File: VX034589.D

Acq: 17 Mar 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

PB151466ZHE#10

Tgt Ion: 43 Resp: 80582

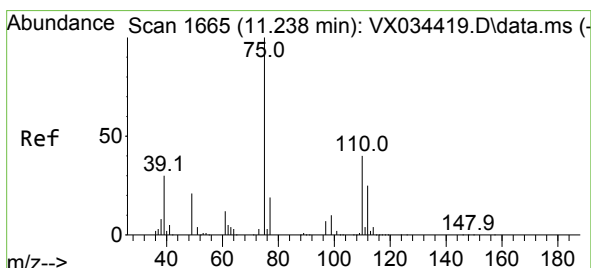
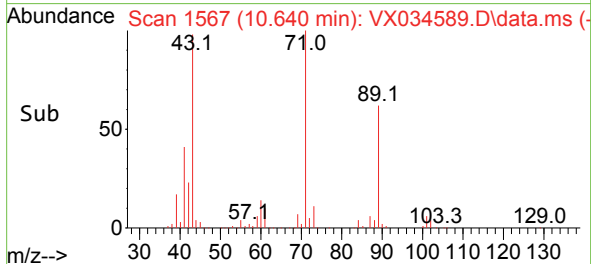
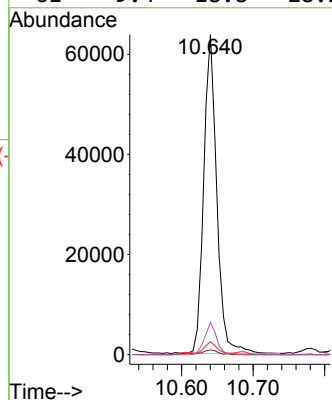
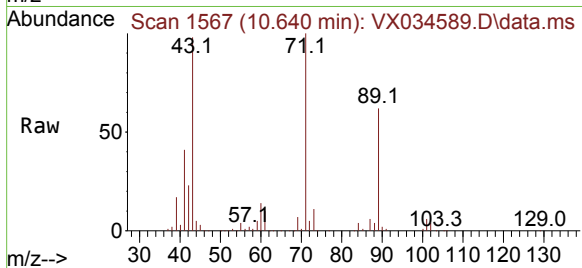
Ion Ratio Lower Upper

43 100

70 1.7 32.1 48.1#

55 4.0 18.3 27.5#

61 9.4 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 27.797 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034589.D

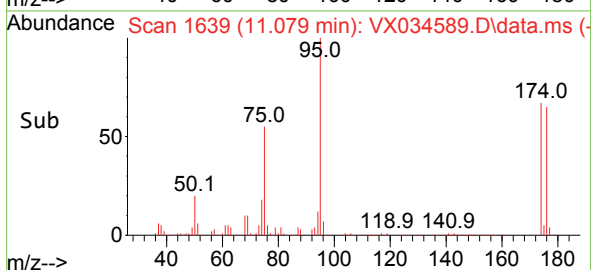
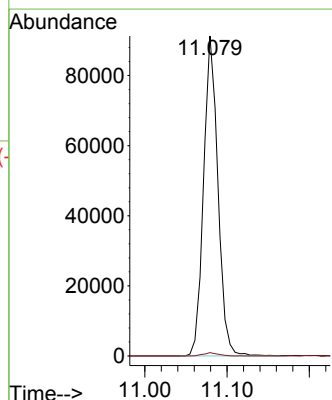
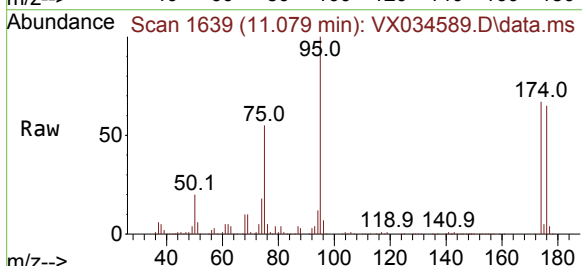
Acq: 17 Mar 2023 17:08

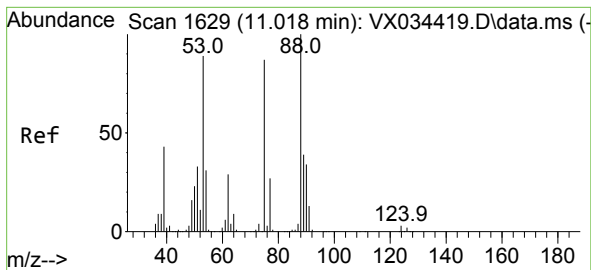
Tgt Ion: 75 Resp: 110567

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.200 ug/l
 RT: 11.079 min Scan# 110567
 Delta R.T. 0.061 min
 Lab File: VX034589.D
 Acq: 17 Mar 2023 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#10

Tgt Ion: 75 Resp: 110567
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

