

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034588.D
 Acq On : 17 Mar 2023 16:44
 Operator : JC/MD
 Sample : PB151466ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#09

Quant Time: Mar 20 00:04:12 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)

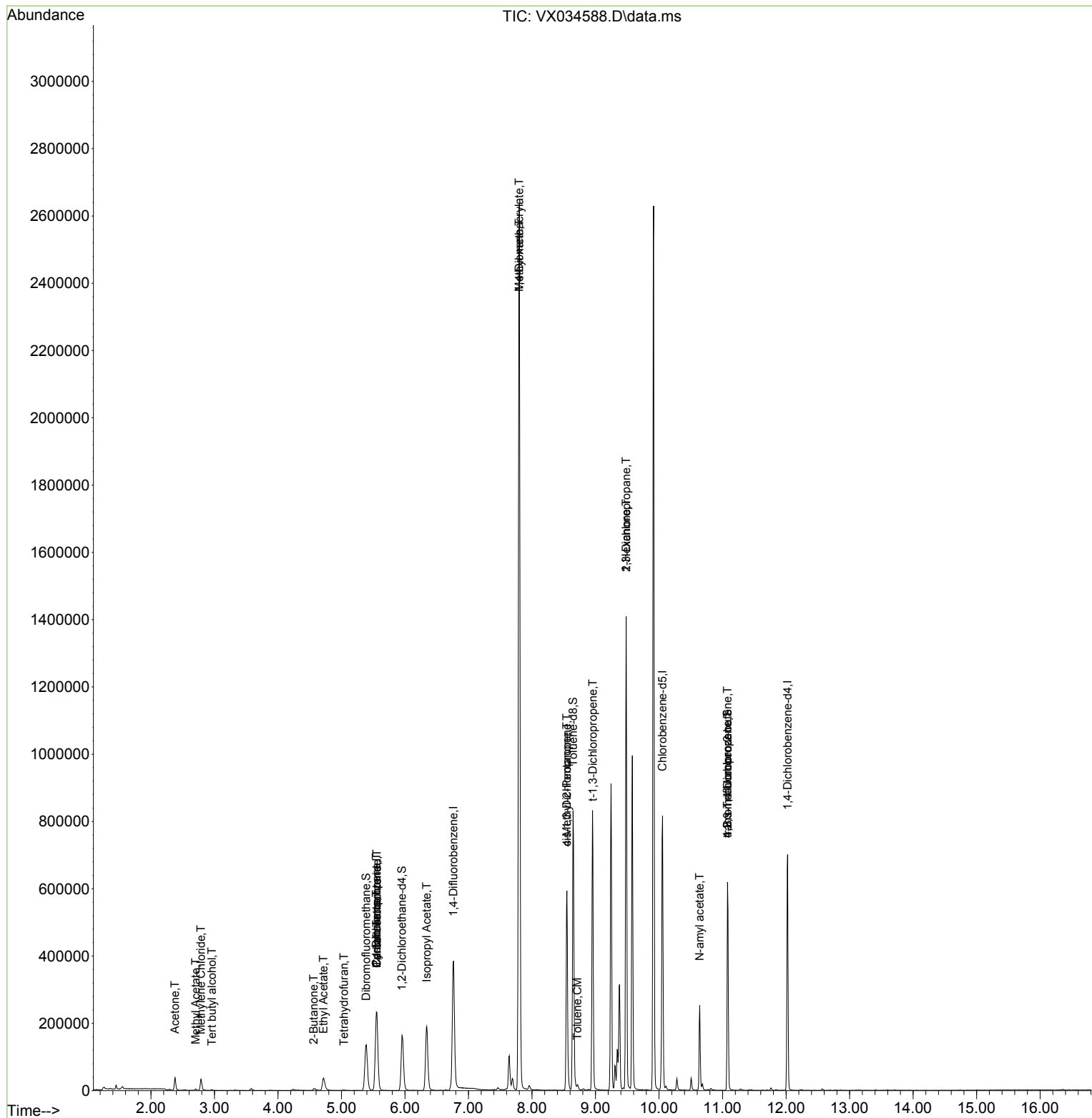
Internal Standards						
1) Pentafluorobenzene	5.556	168	220182	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	378100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152022	47.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.920%		
35) Dibromofluoromethane	5.385	113	118802	47.589	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.647	98	465323	49.932	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.860%		
62) 4-Bromofluorobenzene	11.079	95	159521	42.378	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.760%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	227	Below Cal	#	42
11) Tert butyl alcohol	2.959	59	1702	2.552	ug/l #	86
16) Acetone	2.380	43	39648	26.277	ug/l	97
18) Methyl Acetate	2.703	43	4866	0.987	ug/l	97
20) Methylene Chloride	2.788	84	14978	5.115	ug/l	94
25) 2-Butanone	4.562	43	11351	5.258	ug/l #	88
29) Tetrahydrofuran	5.038	42	1669	1.253	ug/l #	53
31) Cyclohexane	5.550	56	5575	1.241	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18831	4.911	ug/l #	51
37) Ethyl Acetate	4.715	43	67419	16.095	ug/l	100
38) Carbon Tetrachloride	5.556	117	22833	5.986	ug/l #	15
43) Isopropyl Acetate	6.342	43	269301	37.950	ug/l	99
48) Methyl methacrylate	7.799	41	234917	68.832	ug/l #	47
49) 1,4-Dioxane	7.799	88	434	6.054	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	211015	51.260	ug/l #	50
52) Toluene	8.714	92	4508	0.649	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	1932	0.445	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	90848	19.342	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	11504	2.349	ug/l #	42
59) 2-Hexanone	9.482	43	170367	53.538	ug/l #	51
74) N-amyl acetate	10.640	43	68006	13.358	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	85531	27.085	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	85531	73.274	ug/l #	8

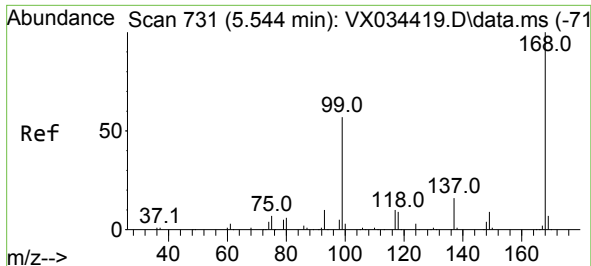
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
Data File : VX034588.D
Acq On : 17 Mar 2023 16:44
Operator : JC/MD
Sample : PB151466ZHE#09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

Quant Time: Mar 20 00:04:12 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

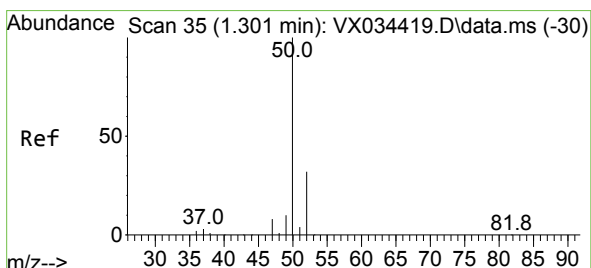
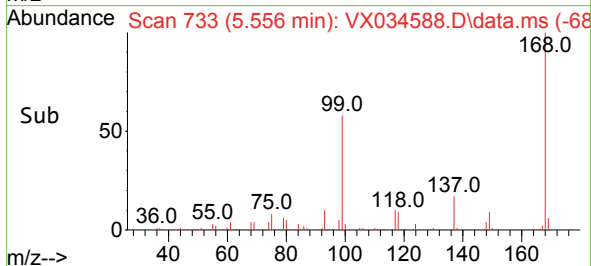
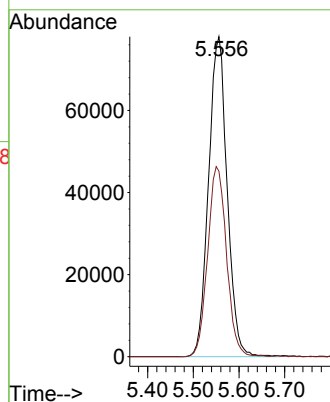
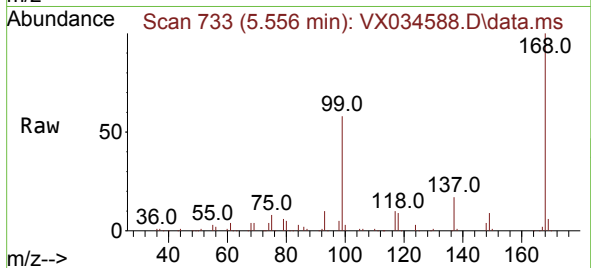




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

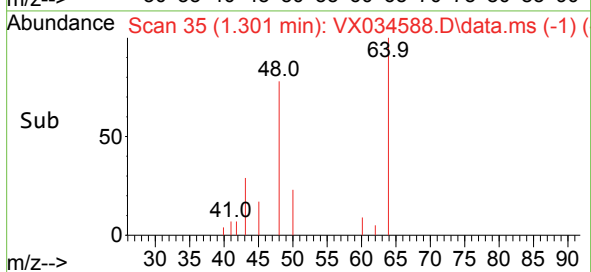
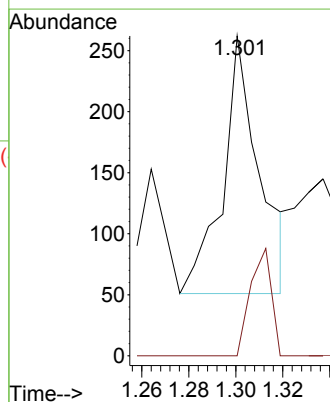
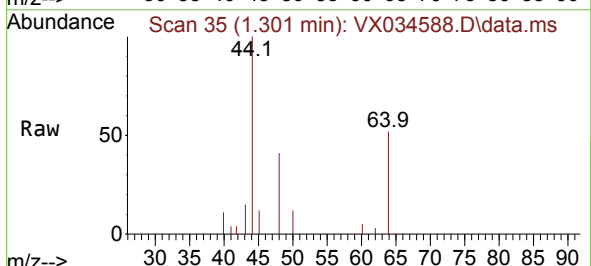
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

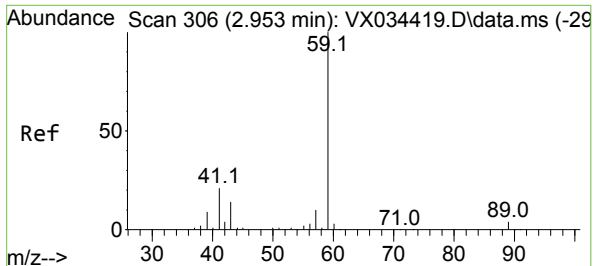
Tgt Ion:168 Resp: 220182
Ion Ratio Lower Upper
168 100
99 57.9 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.552 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX034588.D

Acq: 17 Mar 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

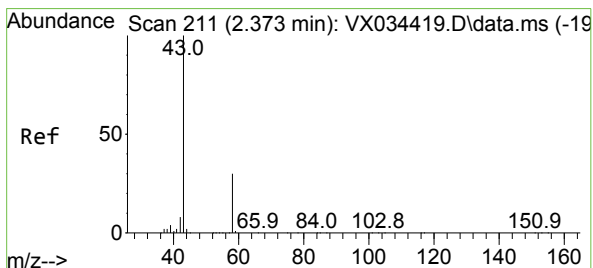
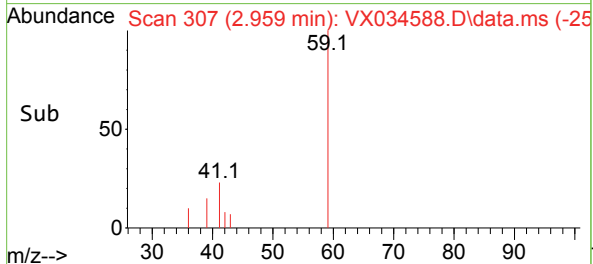
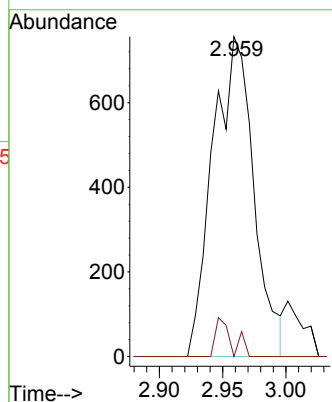
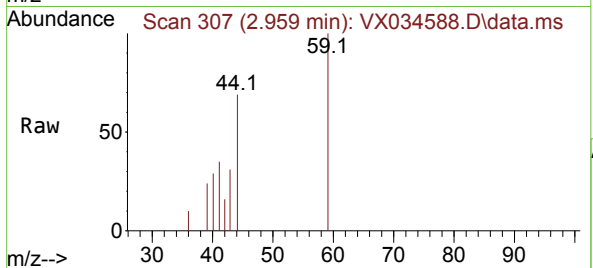
PB151466ZHE#09

Tgt Ion: 59 Resp: 1702

Ion Ratio Lower Upper

59 100

57 4.8 8.1 12.1#



#16

Acetone

Concen: 26.277 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034588.D

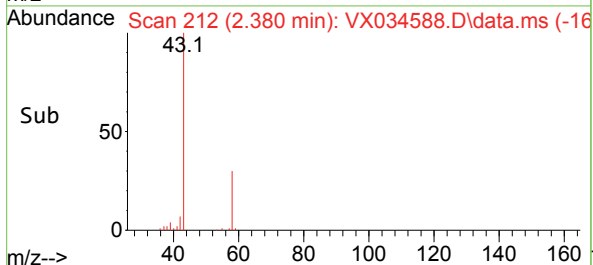
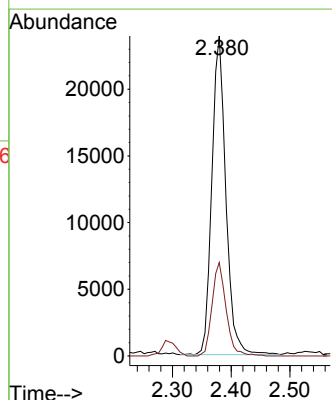
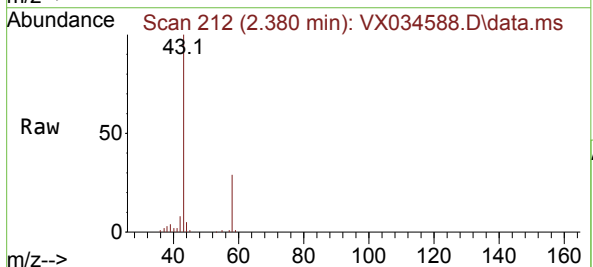
Acq: 17 Mar 2023 16:44

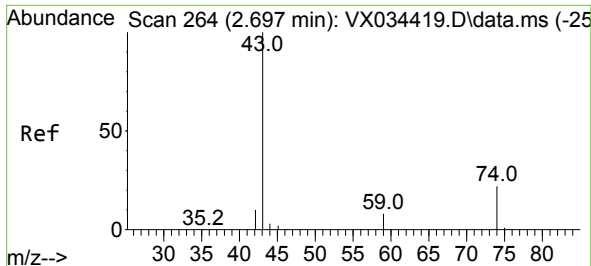
Tgt Ion: 43 Resp: 39648

Ion Ratio Lower Upper

43 100

58 29.3 24.7 37.1

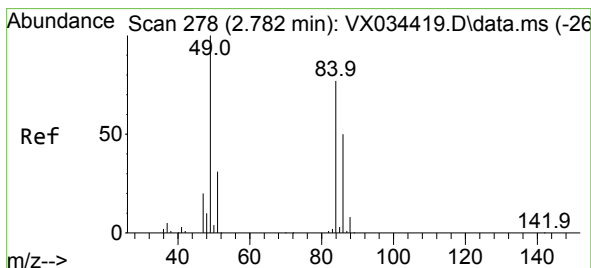
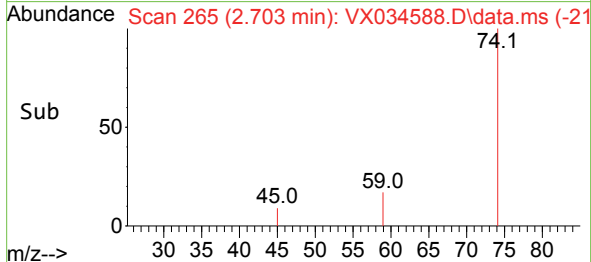
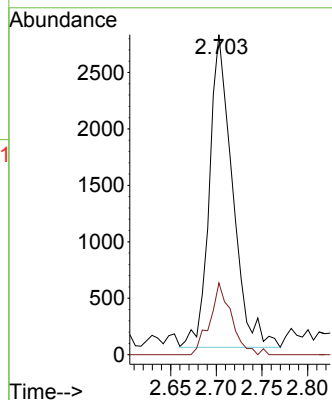
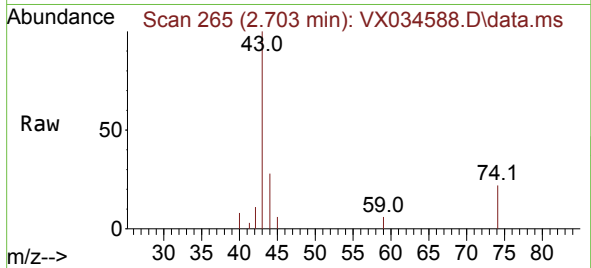




#18
Methyl Acetate
Concen: 0.987 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

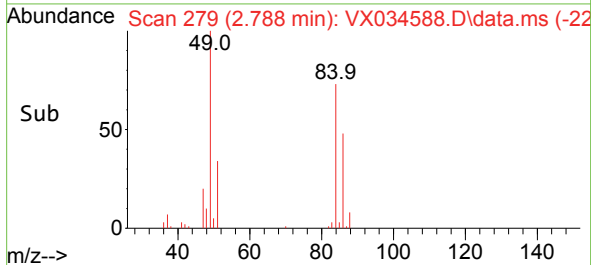
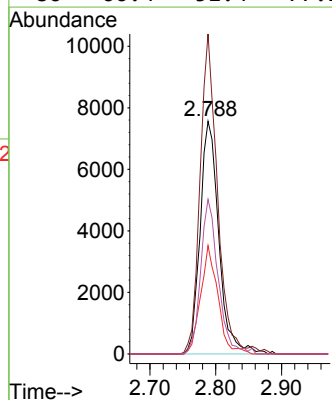
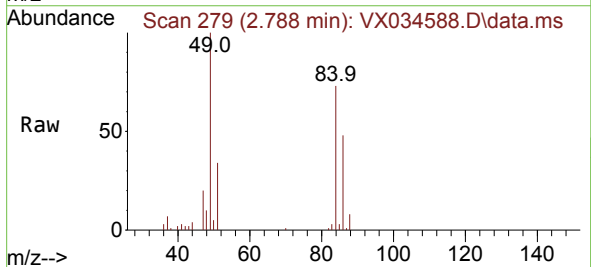
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

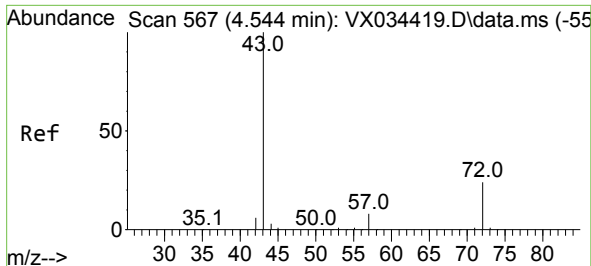
Tgt Ion: 43 Resp: 4866
Ion Ratio Lower Upper
43 100
74 21.6 18.3 27.5



#20
Methylene Chloride
Concen: 5.115 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 84 Resp: 14978
Ion Ratio Lower Upper
84 100
49 137.5 103.8 155.8
51 46.5 31.8 47.8
86 66.4 51.4 77.2

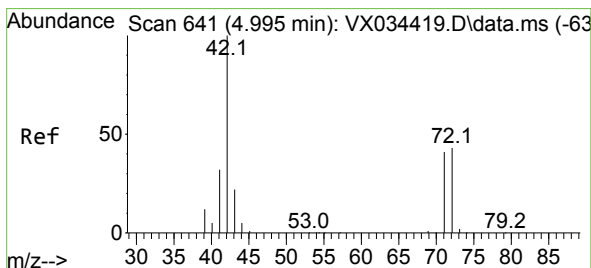
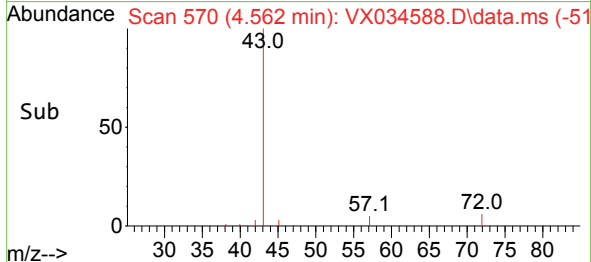
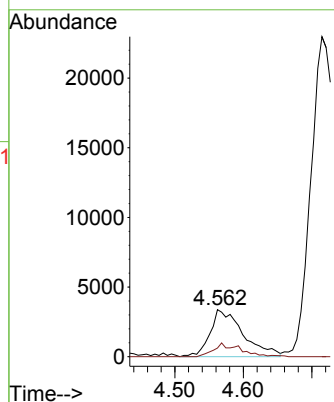
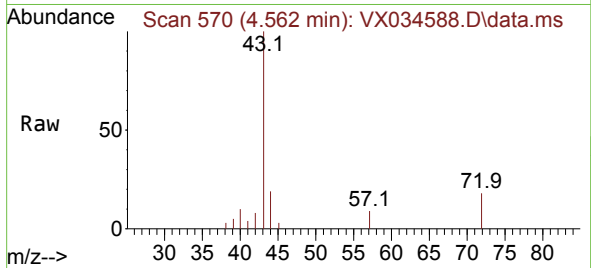




#25
2-Butanone
Concen: 5.258 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

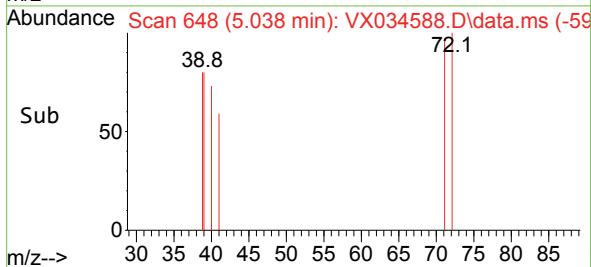
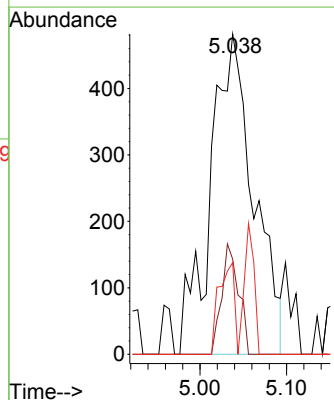
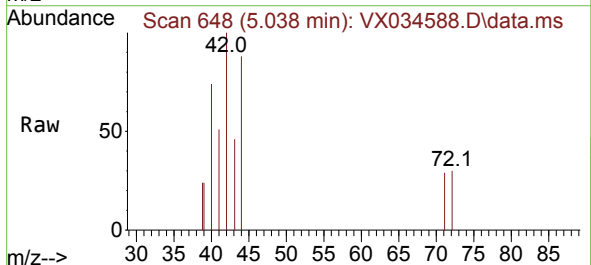
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

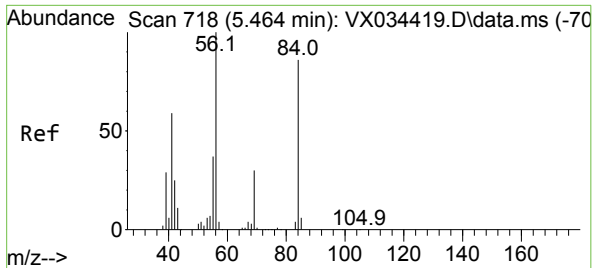
Tgt Ion: 43 Resp: 11351
Ion Ratio Lower Upper
43 100
72 18.2 19.3 28.9#



#29
Tetrahydrofuran
Concen: 1.253 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.043 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 42 Resp: 1669
Ion Ratio Lower Upper
42 100
72 13.5 34.5 51.7#
71 10.2 32.1 48.1#

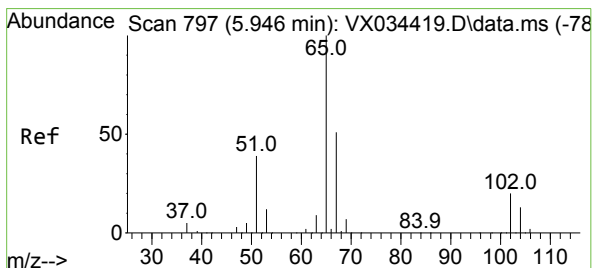
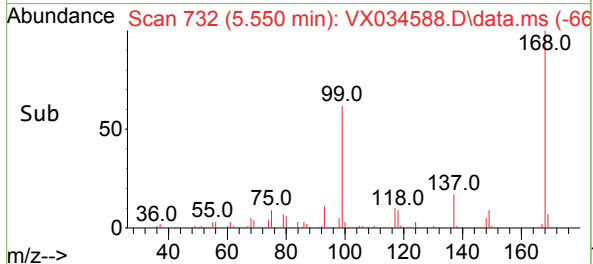
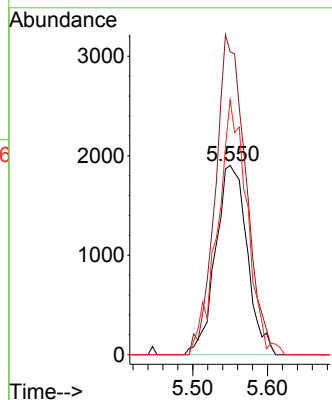
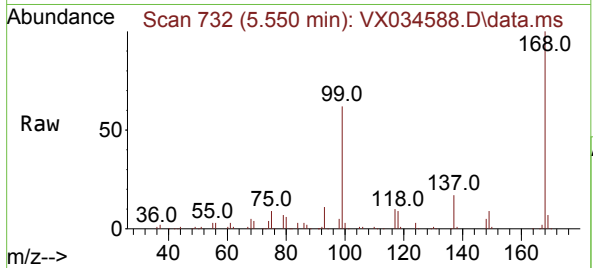




#31
Cyclohexane
Concen: 1.241 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

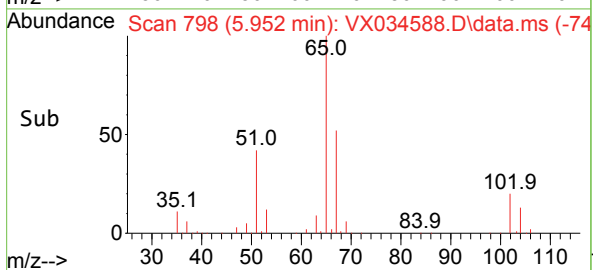
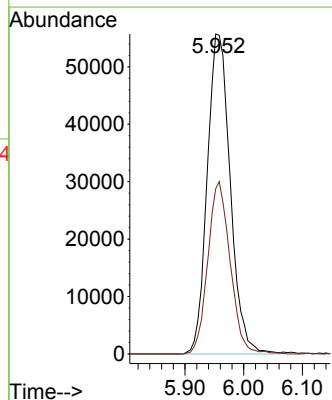
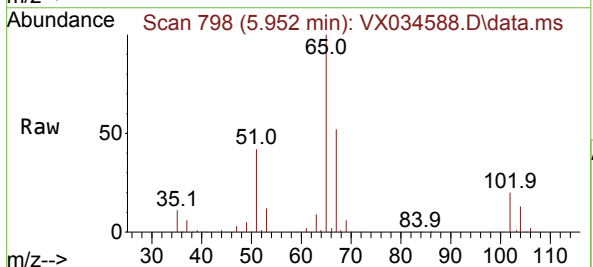
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

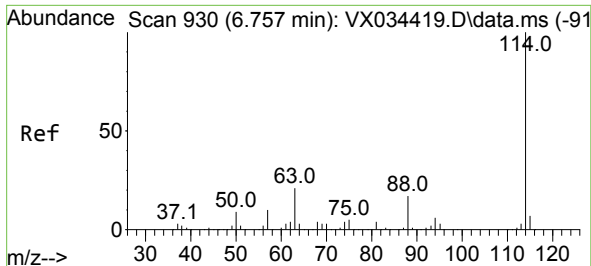
Tgt Ion: 56 Resp: 5575
Ion Ratio Lower Upper
56 100
69 160.1 23.7 35.5#
84 134.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.459 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 65 Resp: 152022
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

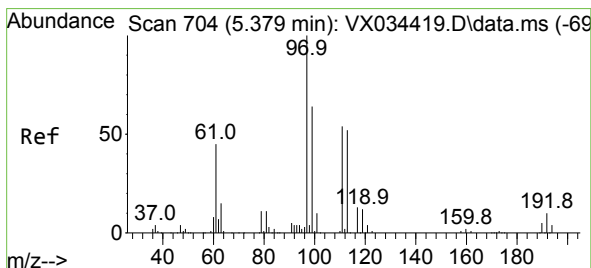
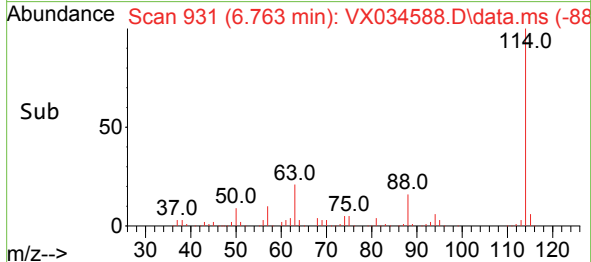
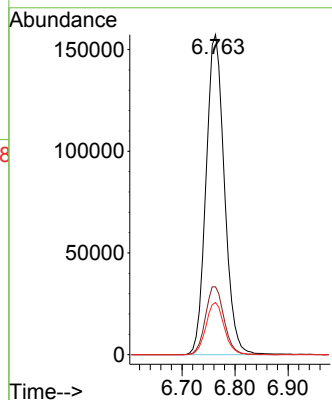
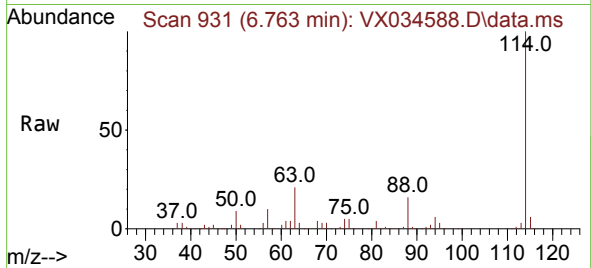




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

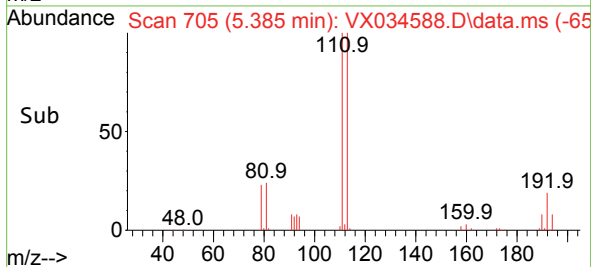
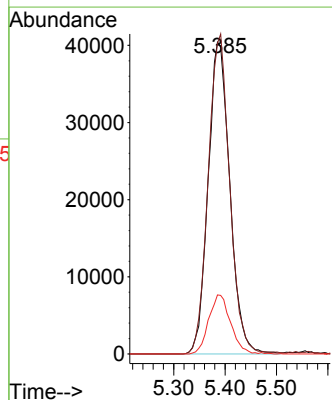
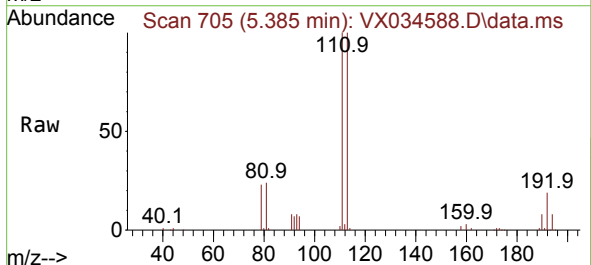
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

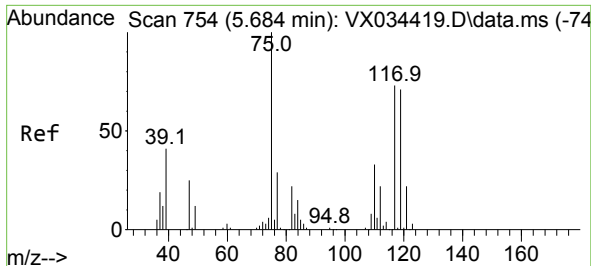
Tgt Ion:114 Resp: 378100
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.589 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion:113 Resp: 118802
Ion Ratio Lower Upper
113 100
111 101.4 83.7 125.5
192 19.0 15.4 23.2

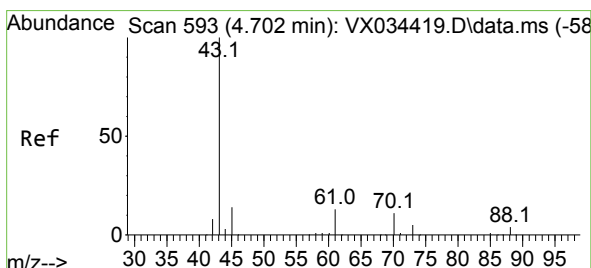
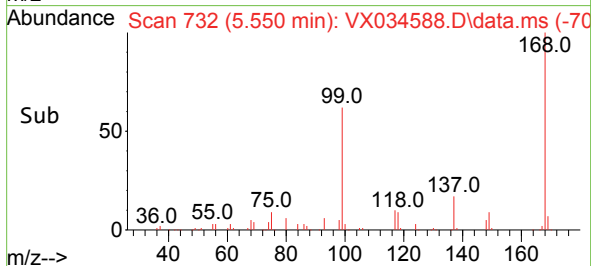
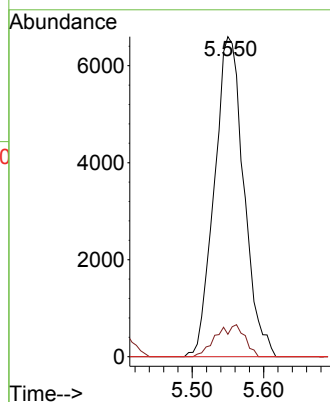
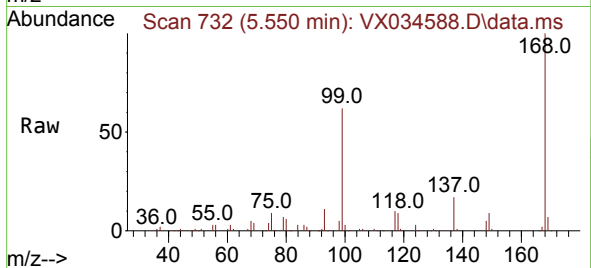




#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

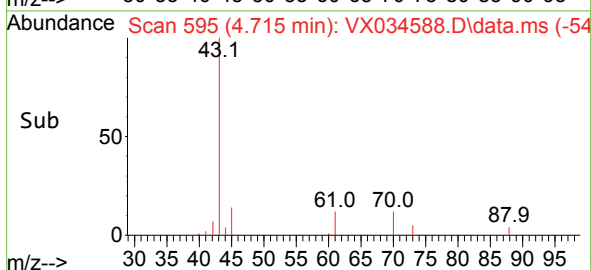
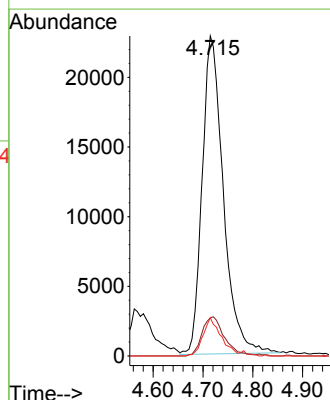
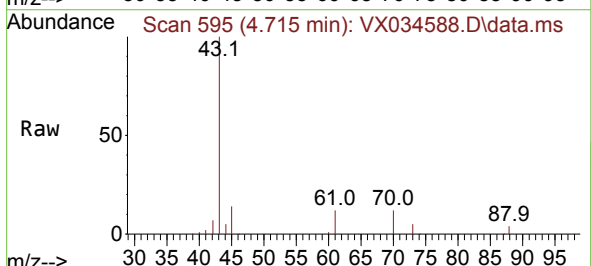
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

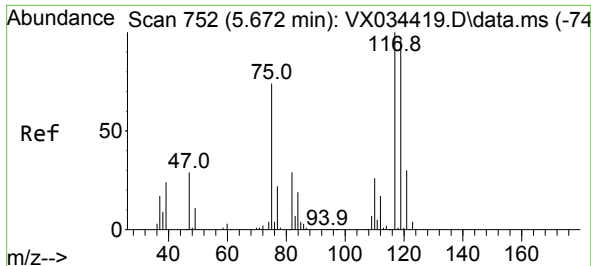
Tgt Ion: 75 Resp: 18831
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 16.095 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

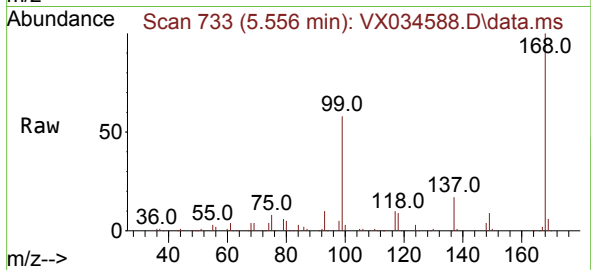
Tgt Ion: 43 Resp: 67419
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.4
70 10.3 8.2 12.4



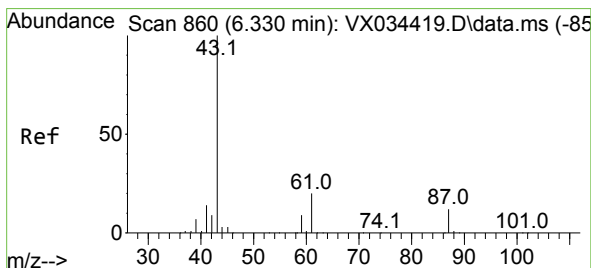
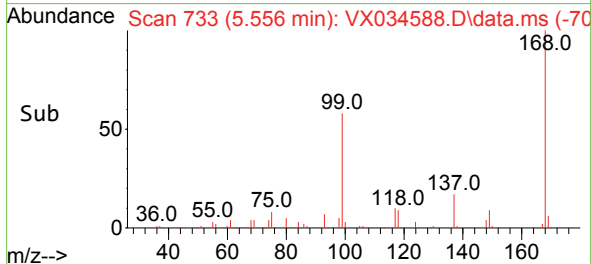
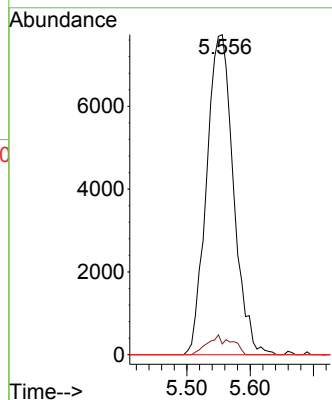


#38
Carbon Tetrachloride
Concen: 5.986 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

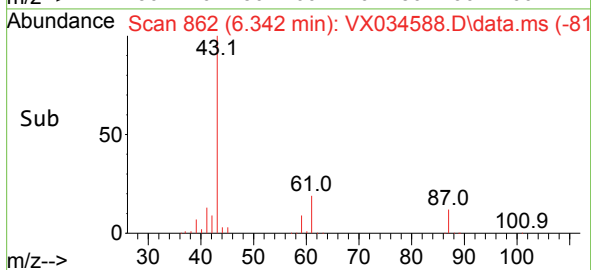
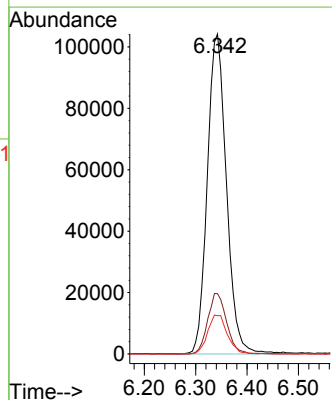
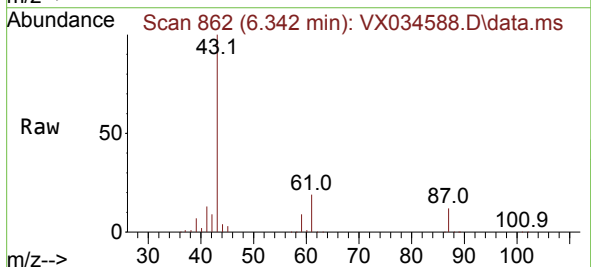


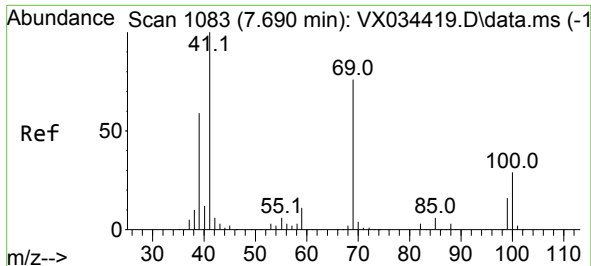
Tgt Ion:117 Resp: 22833
Ion Ratio Lower Upper
117 100
119 3.3 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 37.950 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 43 Resp: 269301
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.5 9.8 14.8

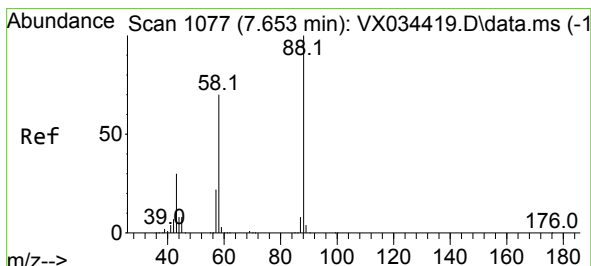
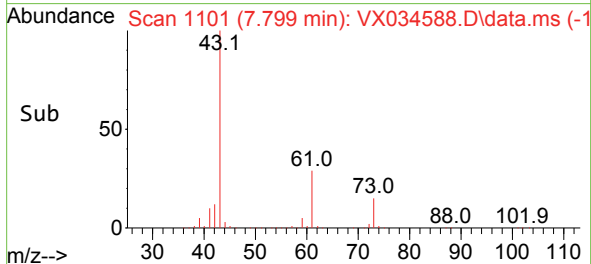
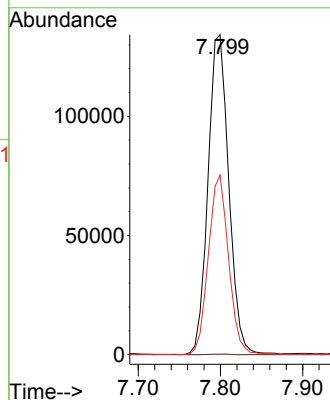
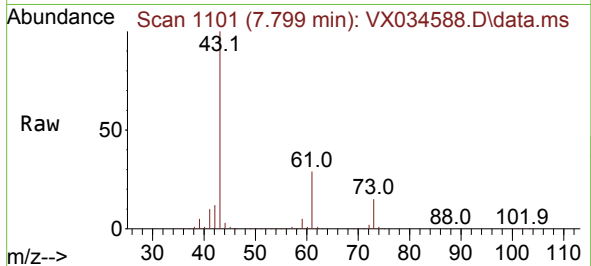




#48
Methyl methacrylate
Concen: 68.832 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

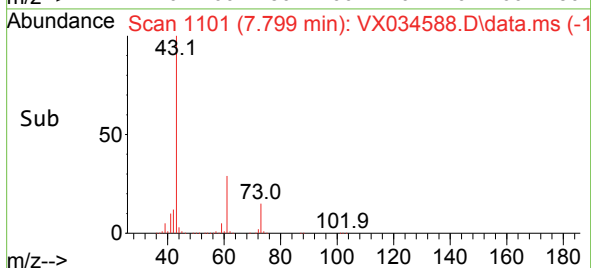
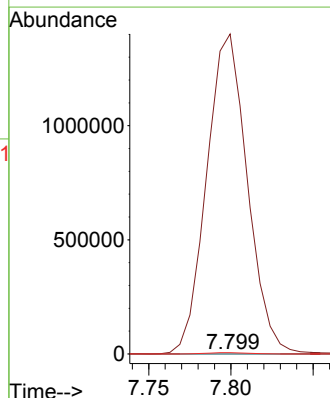
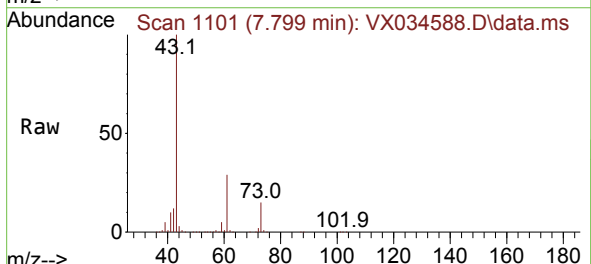
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

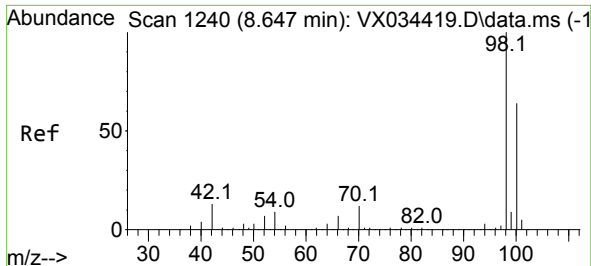
Tgt Ion: 41 Resp: 234917
Ion Ratio Lower Upper
41 100
69 0.2 62.2 93.4#
39 55.0 47.7 71.5



#49
1,4-Dioxane
Concen: 6.054 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.146 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 88 Resp: 434
Ion Ratio Lower Upper
88 100
43 559803.2 27.7 41.5#
58 2327.4 56.8 85.2#

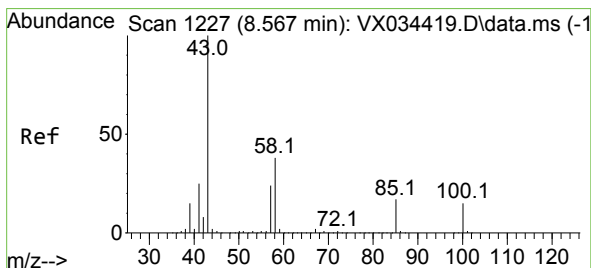
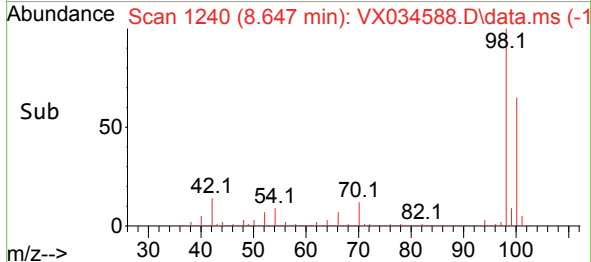
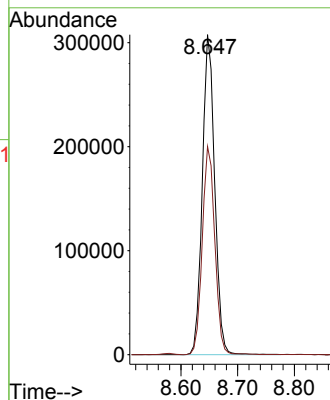
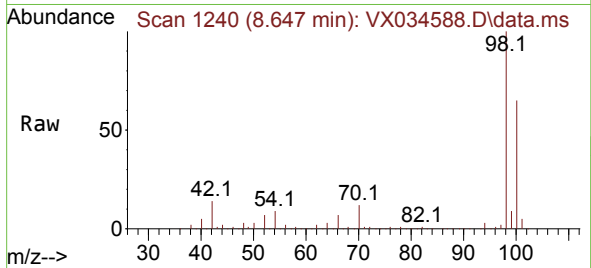




#50
Toluene-d8
Concen: 49.932 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

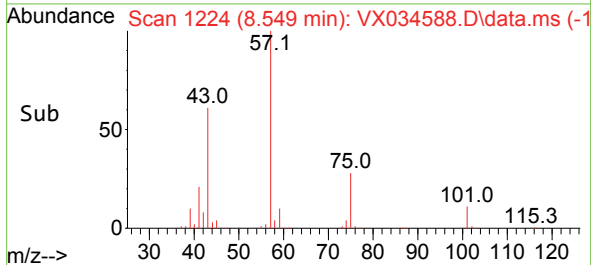
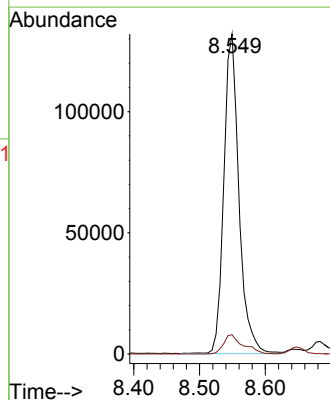
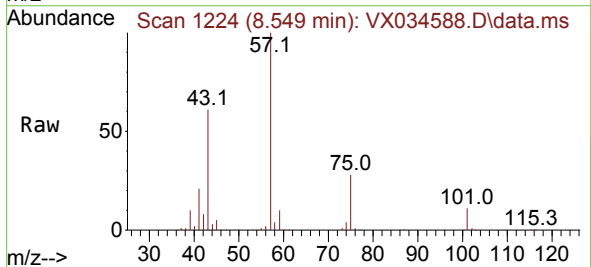
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

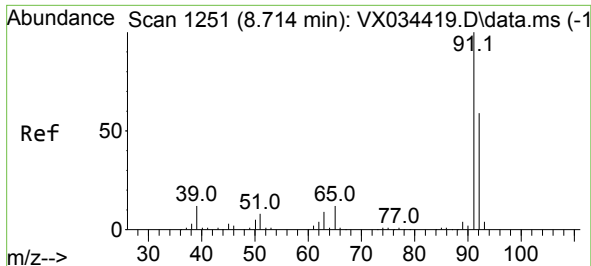
Tgt Ion: 98 Resp: 465323
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 51.260 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 43 Resp: 211015
Ion Ratio Lower Upper
43 100
58 7.9 30.6 46.0#

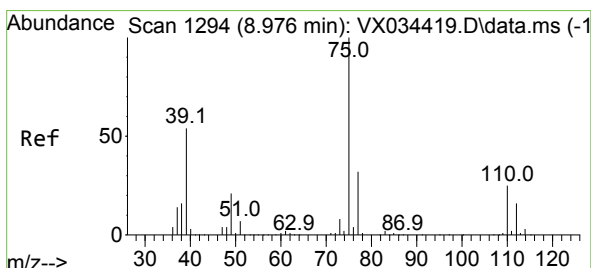
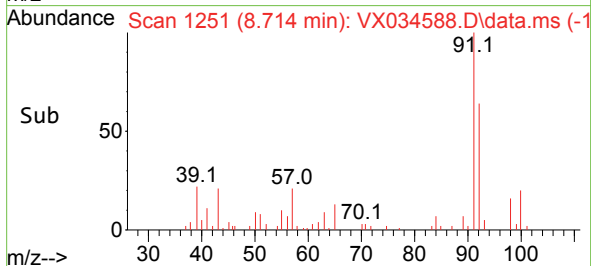
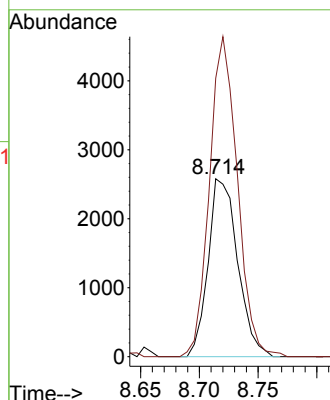
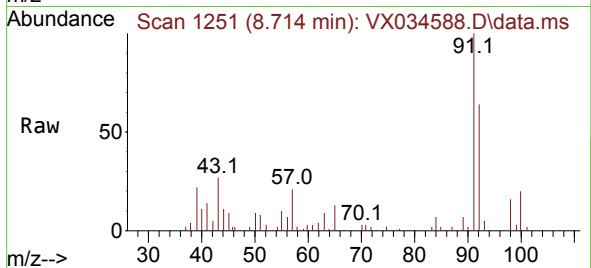




#52
Toluene
Concen: 0.649 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

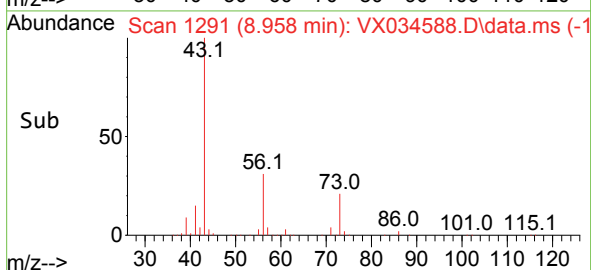
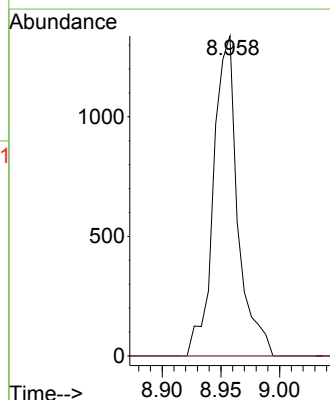
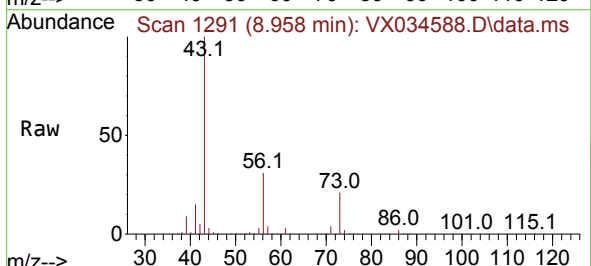
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

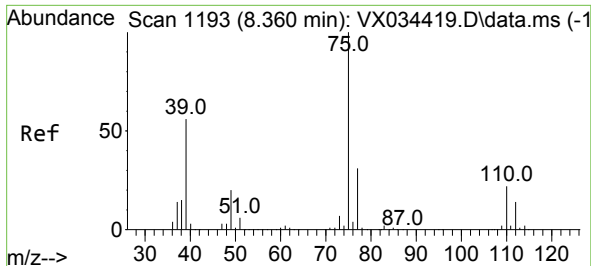
Tgt Ion: 92 Resp: 4508
Ion Ratio Lower Upper
92 100
91 170.2 136.8 205.2



#53
t-1,3-Dichloropropene
Concen: 0.445 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 75 Resp: 1932
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

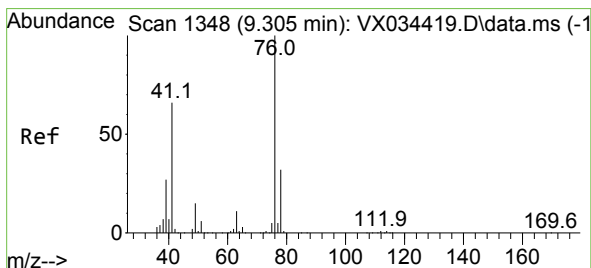
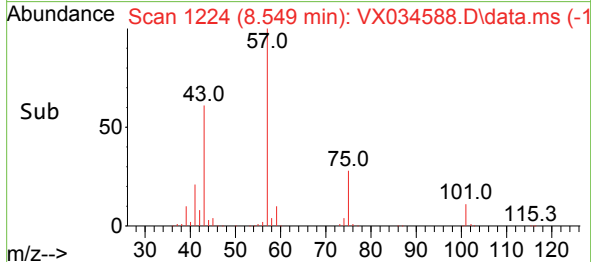
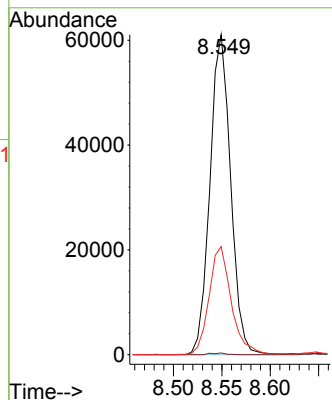
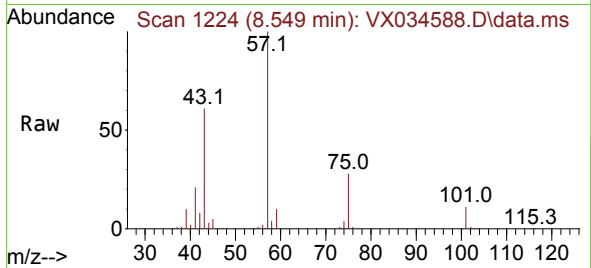




#54
cis-1,3-Dichloropropene
Concen: 19.342 ug/l
RT: 8.549 min Scan# 1193
Delta R.T. 0.189 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

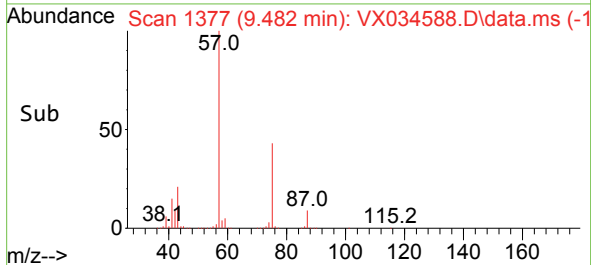
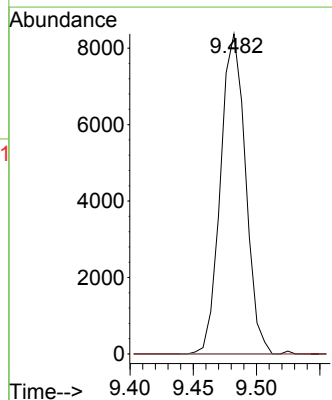
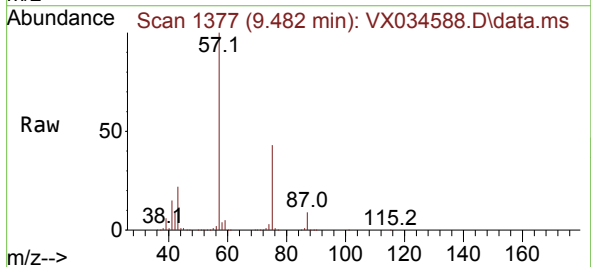
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

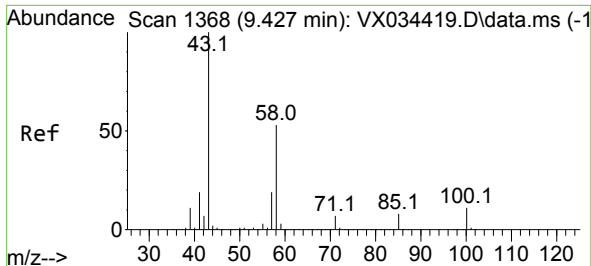
Tgt Ion: 75 Resp: 90848
Ion Ratio Lower Upper
75 100
77 0.5 25.0 37.4#
39 33.7 44.6 66.8#



#57
1,3-Dichloropropane
Concen: 2.349 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 76 Resp: 11504
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#

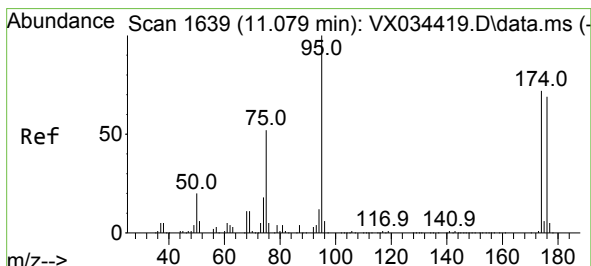
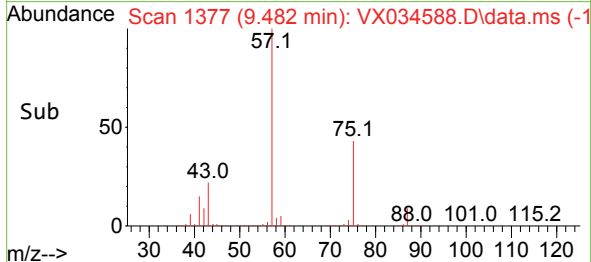
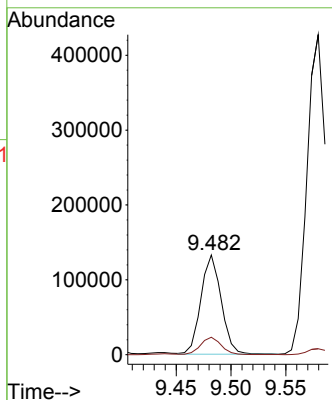
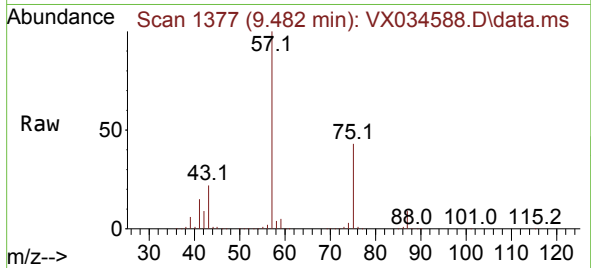




#59
2-Hexanone
Concen: 53.538 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

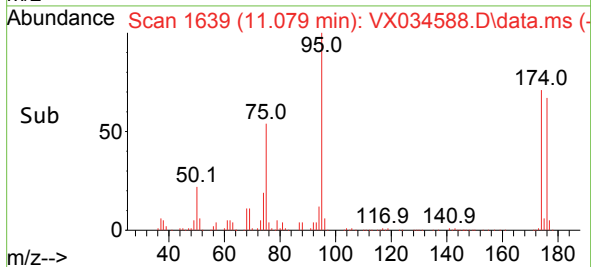
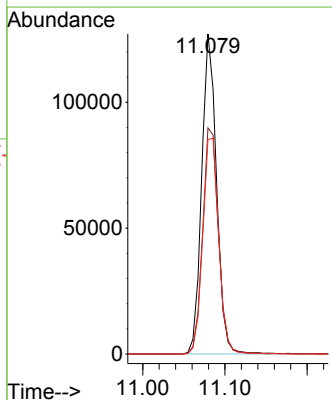
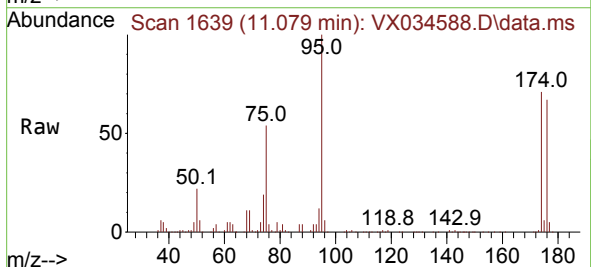
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

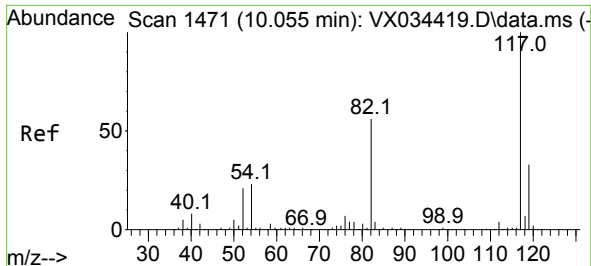
Tgt Ion: 43 Resp: 170367
Ion Ratio Lower Upper
43 100
58 18.3 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 42.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion: 95 Resp: 159521
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 72.5 0.0 140.6

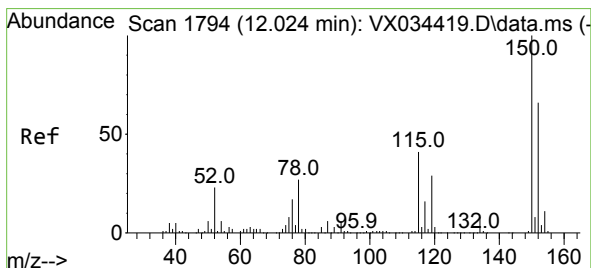
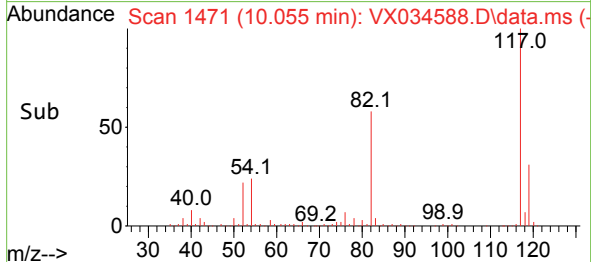
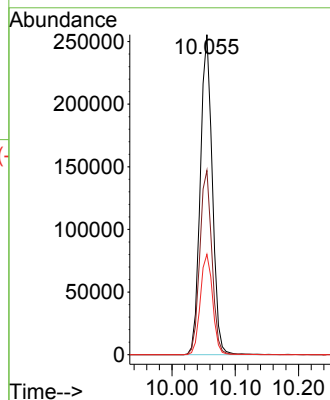
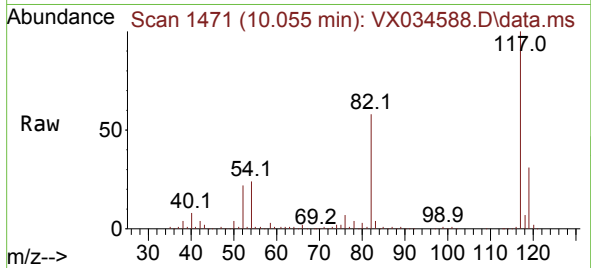




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

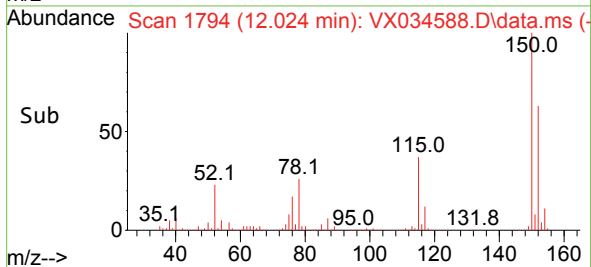
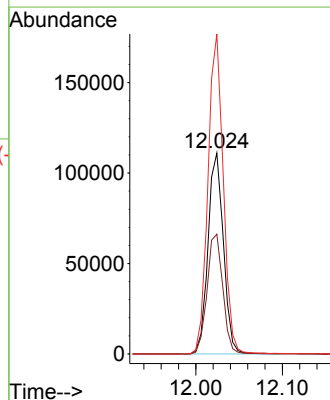
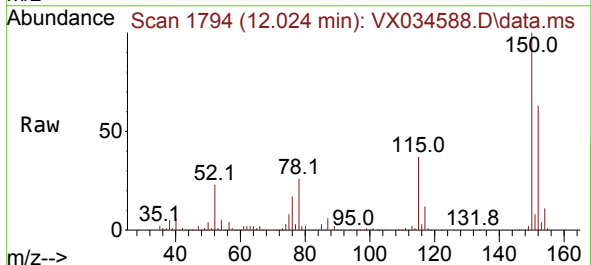
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#09

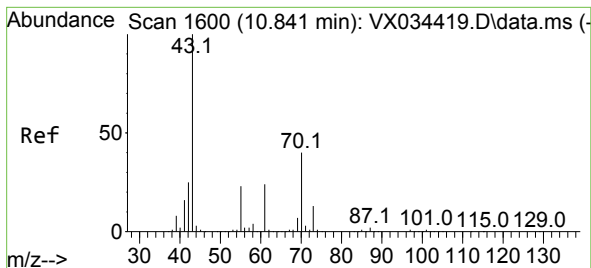
Tgt Ion:117 Resp: 337698
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034588.D
Acq: 17 Mar 2023 16:44

Tgt Ion:152 Resp: 137529
Ion Ratio Lower Upper
152 100
115 60.9 45.0 135.0
150 158.5 0.0 352.4





#74

N-amy1 acetate

Concen: 13.358 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

Lab File: VX034588.D

Acq: 17 Mar 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

PB151466ZHE#09

Tgt Ion: 43 Resp: 68006

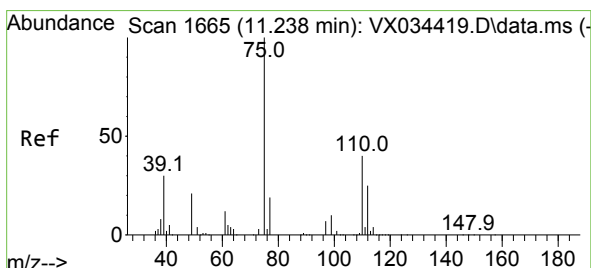
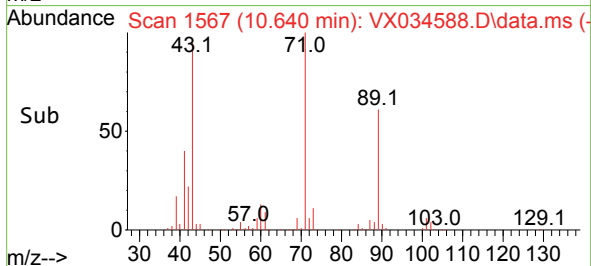
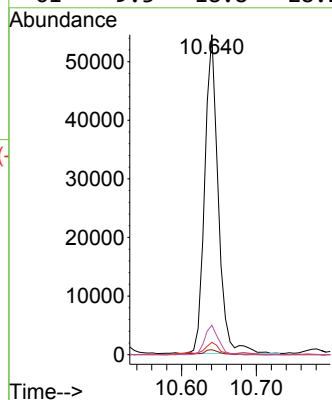
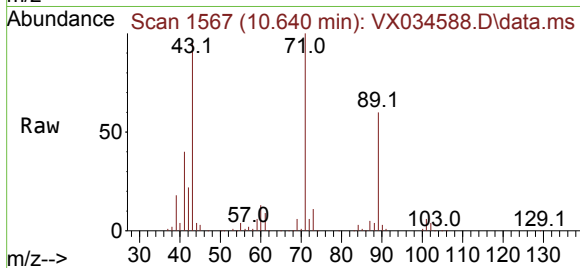
Ion Ratio Lower Upper

43 100

70 1.6 32.1 48.1#

55 4.6 18.3 27.5#

61 9.3 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 27.085 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034588.D

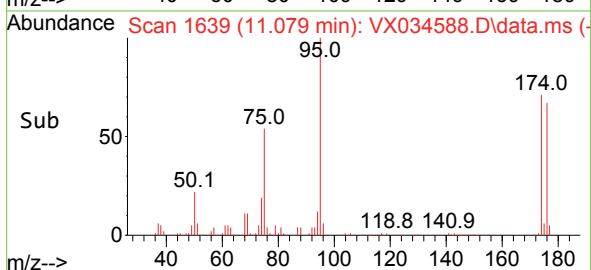
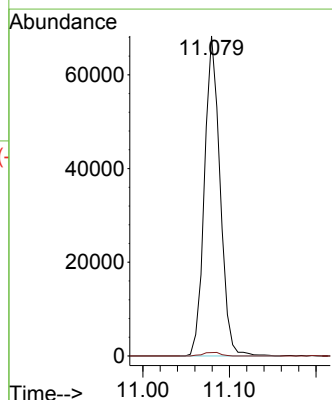
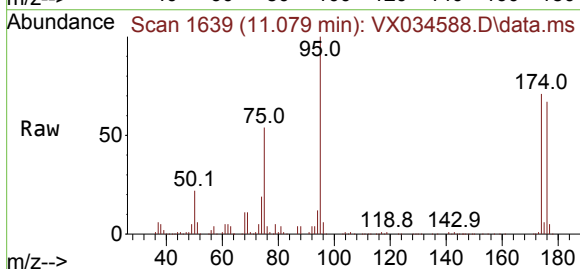
Acq: 17 Mar 2023 16:44

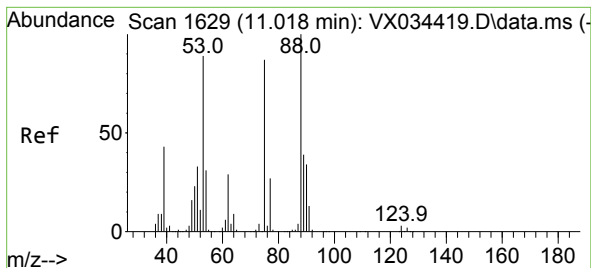
Tgt Ion: 75 Resp: 85531

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.274 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034588.D
 Acq: 17 Mar 2023 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#09

Tgt Ion: 75 Resp: 85531
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

