

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034192.D
 Acq On : 20 Feb 2023 16:57
 Operator : JC/MD
 Sample : PB150922TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150922TB

Quant Time: Feb 21 01:09:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

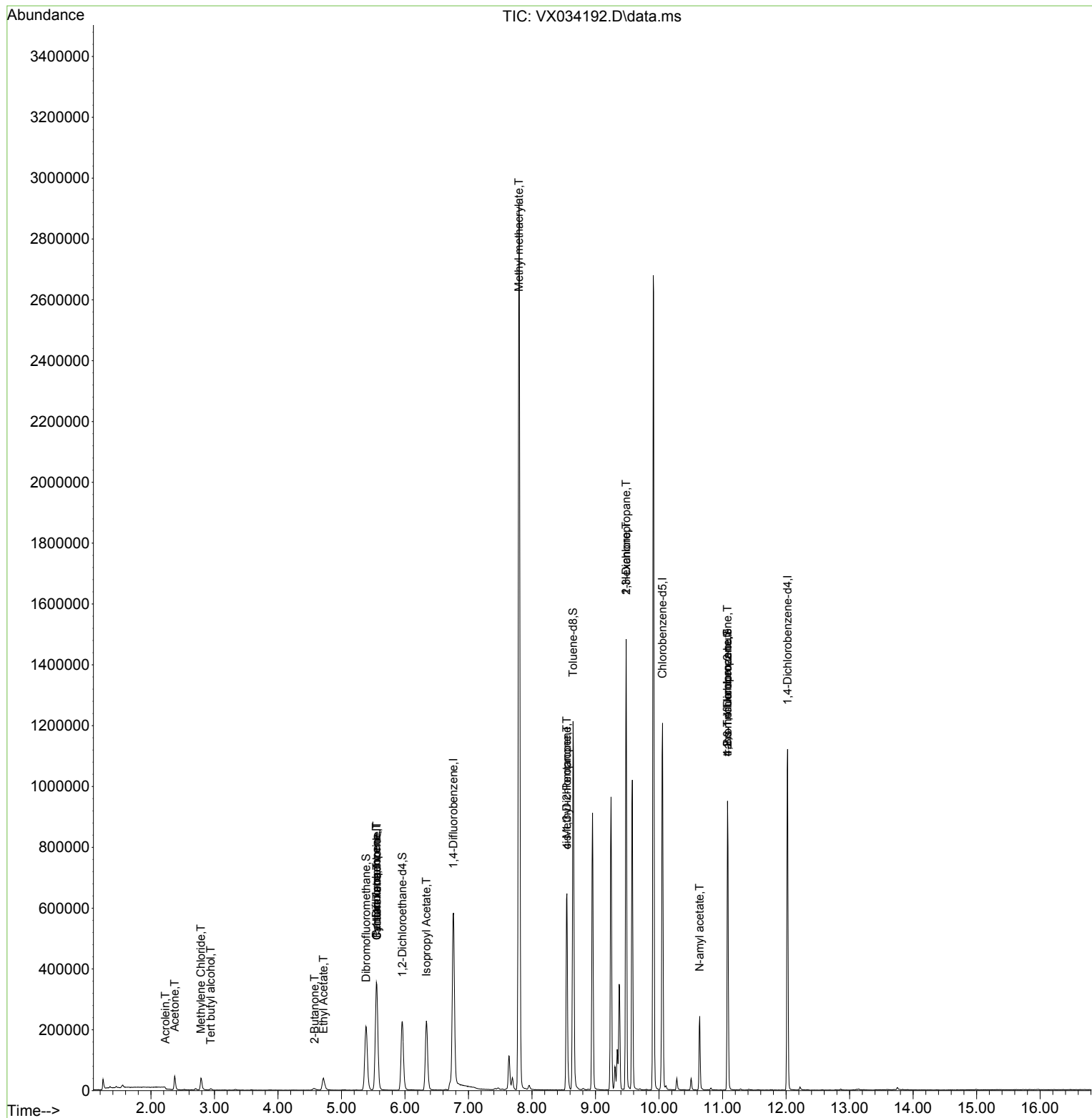
Internal Standards						
1) Pentafluorobenzene	5.550	168	355396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	597457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	533575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	238300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208844	43.633	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.260%		
35) Dibromofluoromethane	5.385	113	185773	47.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.520%		
50) Toluene-d8	8.647	98	703465	50.368	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.740%		
62) 4-Bromofluorobenzene	11.079	95	247515	46.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.660%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	292	Below Cal	#	3
11) Tert butyl alcohol	2.940	59	3062	2.860	ug/l #	83
13) Acrolein	2.227	56	537	1.099	ug/l #	14
16) Acetone	2.373	43	44855	18.167	ug/l	90
20) Methylene Chloride	2.788	84	18250	4.102	ug/l	99
25) 2-Butanone	4.574	43	8773	2.456	ug/l	99
31) Cyclohexane	5.556	56	7366	1.031	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	26413	4.591	ug/l #	48
37) Ethyl Acetate	4.714	43	70923	11.031	ug/l	99
38) Carbon Tetrachloride	5.556	117	33653	5.685	ug/l #	15
43) Isopropyl Acetate	6.336	43	322627	28.436	ug/l	99
48) Methyl methacrylate	7.793	41	240071	44.580	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	231561	37.096	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	107100	14.179	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	12512	1.725	ug/l #	43
59) 2-Hexanone	9.482	43	173019	36.369	ug/l #	50
74) N-amyl acetate	10.640	43	66218	7.257	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	123636	20.619	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	123636	52.968	ug/l #	8

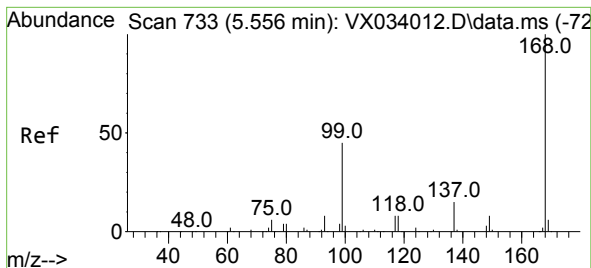
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
Data File : VX034192.D
Acq On : 20 Feb 2023 16:57
Operator : JC/MD
Sample : PB150922TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

Quant Time: Feb 21 01:09:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX034192.D

Acq: 20 Feb 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

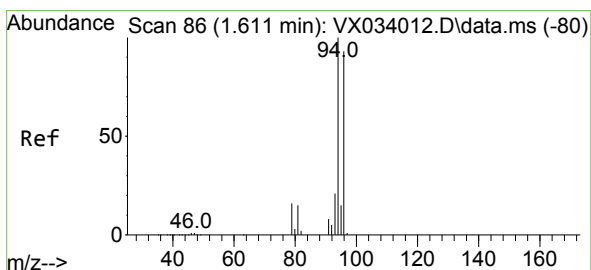
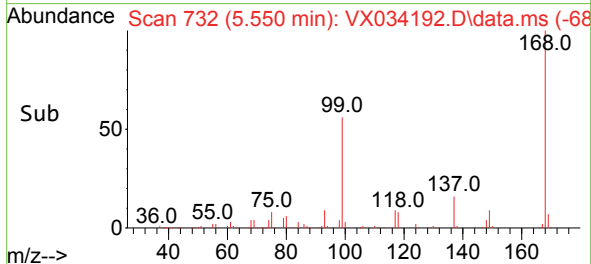
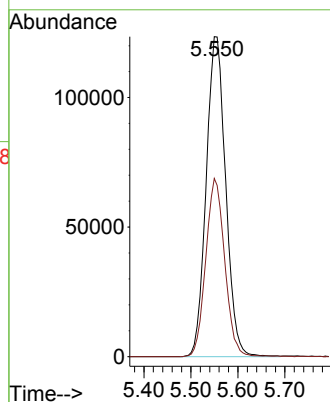
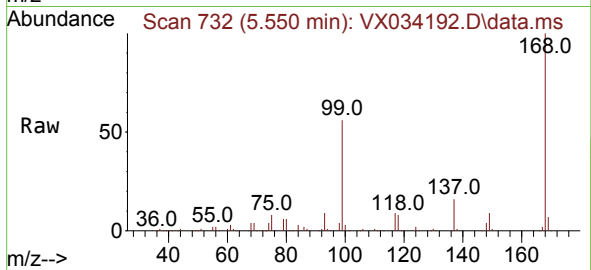
PB150922TB

Tgt Ion:168 Resp: 355396

Ion Ratio Lower Upper

168 100

99 55.7 39.6 59.4



#5

Bromomethane

Concen: Below Cal

RT: 1.624 min Scan# 88

Delta R.T. 0.025 min

Lab File: VX034192.D

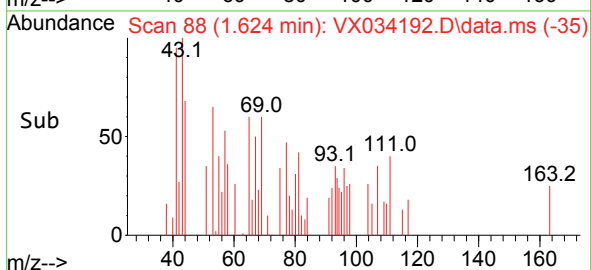
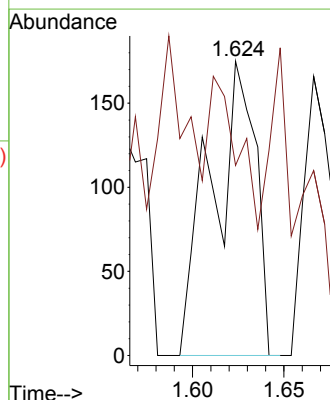
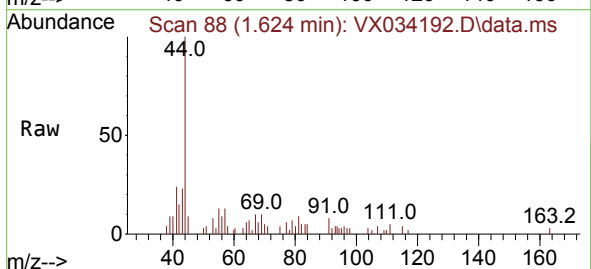
Acq: 20 Feb 2023 16:57

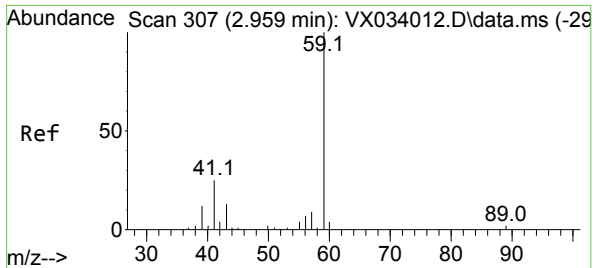
Tgt Ion: 94 Resp: 292

Ion Ratio Lower Upper

94 100

96 0.0 74.3 111.5#

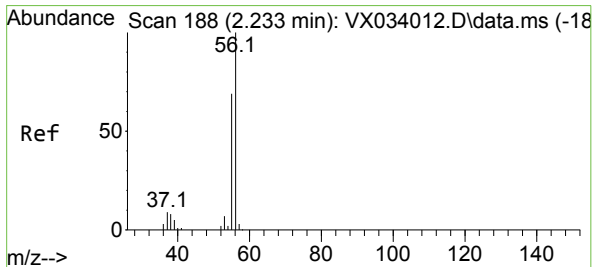
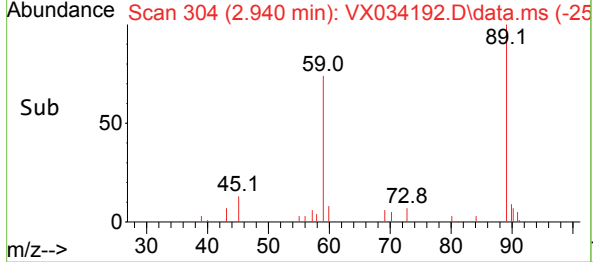
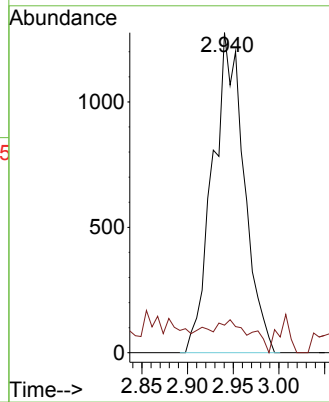
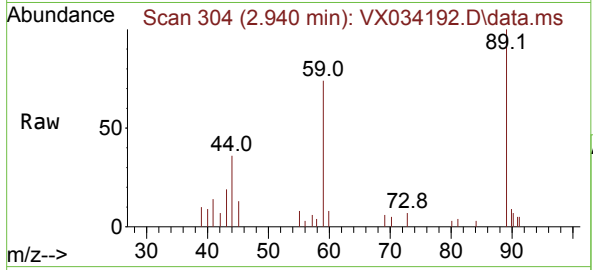




#11
Tert butyl alcohol
Concen: 2.860 ug/l
RT: 2.940 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

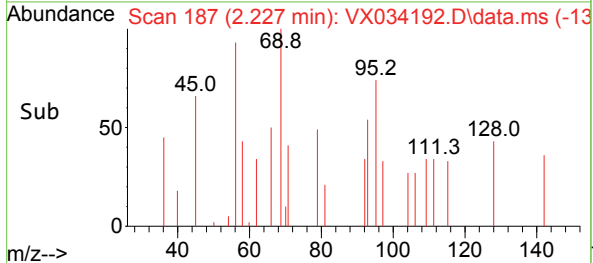
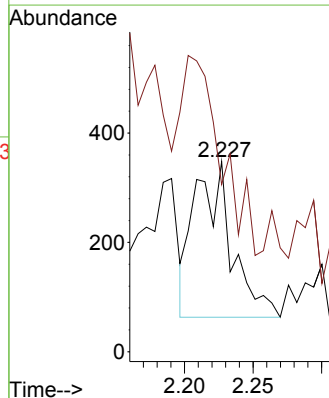
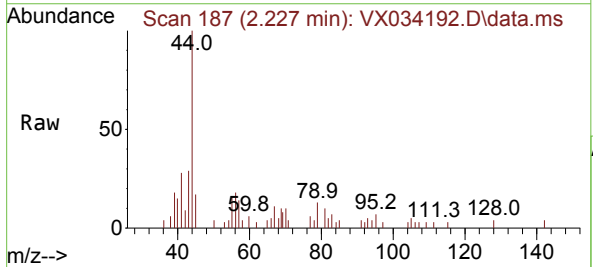
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

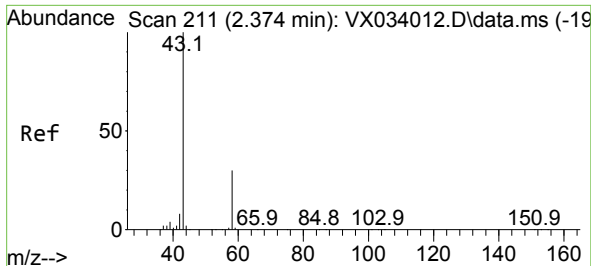
Tgt Ion: 59 Resp: 3062
Ion Ratio Lower Upper
59 100
57 10.3 3.7 5.5#



#13
Acrolein
Concen: 1.099 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

Tgt Ion: 56 Resp: 537
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#

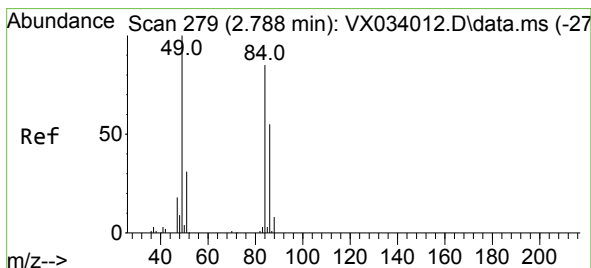
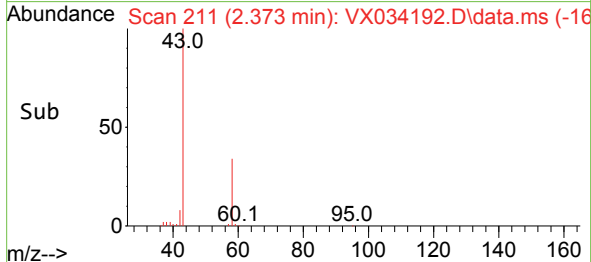
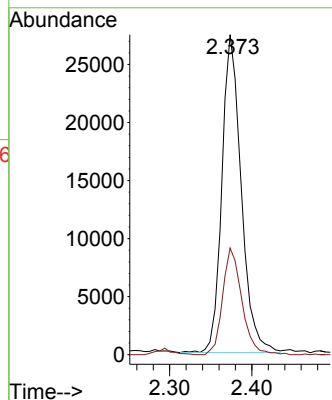
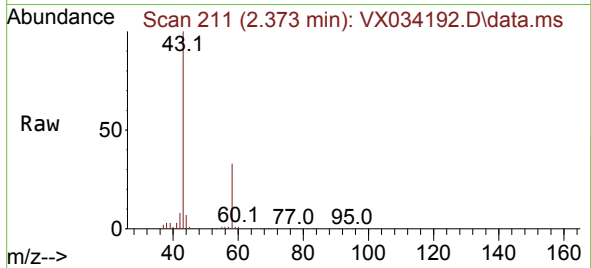




#16
Acetone
Concen: 18.167 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

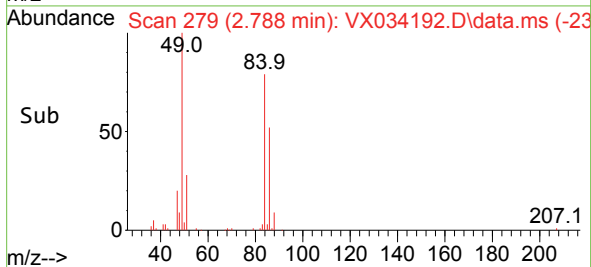
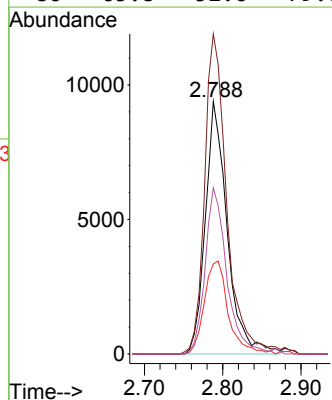
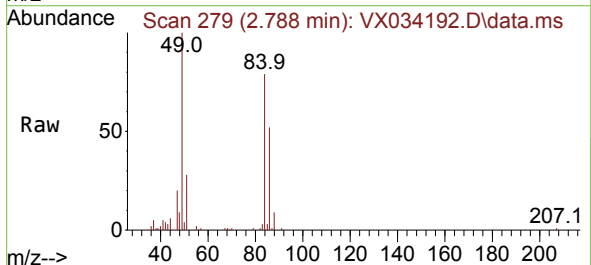
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

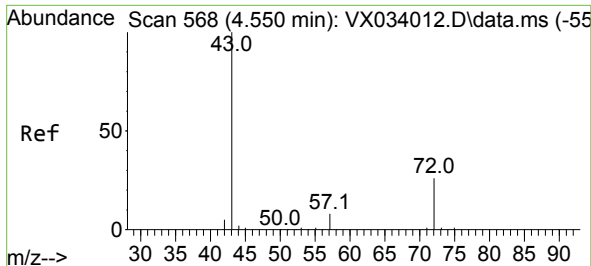
Tgt Ion: 43 Resp: 44855
Ion Ratio Lower Upper
43 100
58 33.3 22.6 33.8



#20
Methylene Chloride
Concen: 4.102 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

Tgt Ion: 84 Resp: 18250
Ion Ratio Lower Upper
84 100
49 126.8 101.1 151.7
51 35.6 31.0 46.6
86 65.8 52.6 79.0

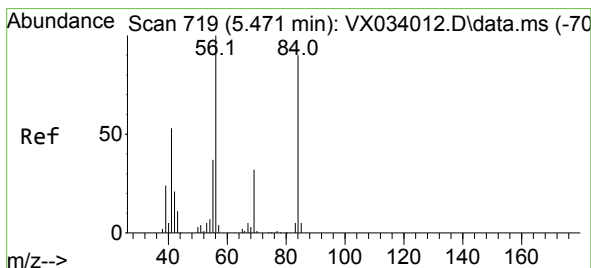
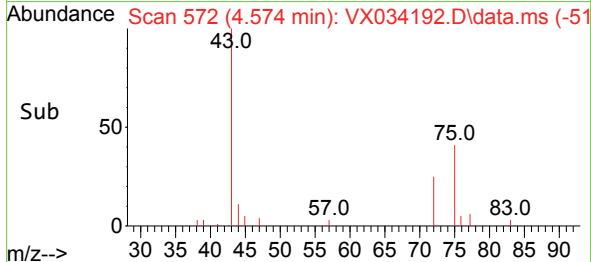
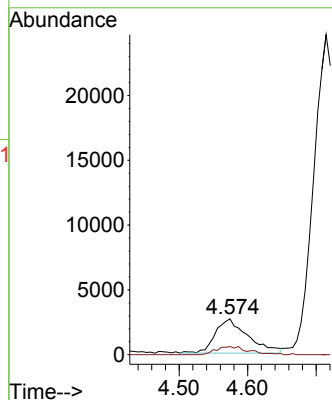
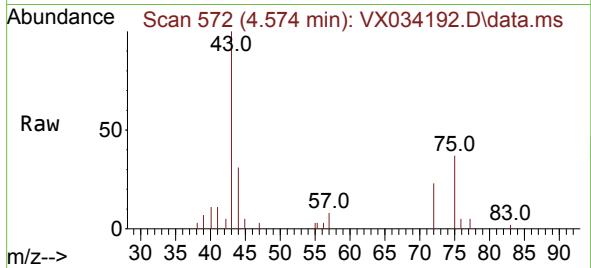




#25
2-Butanone
Concen: 2.456 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

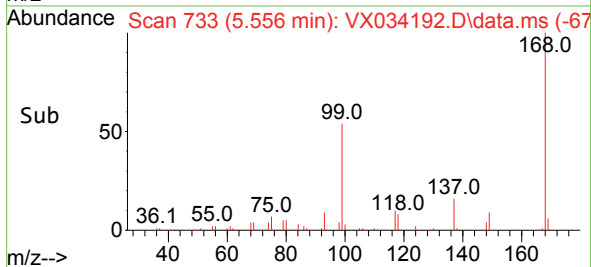
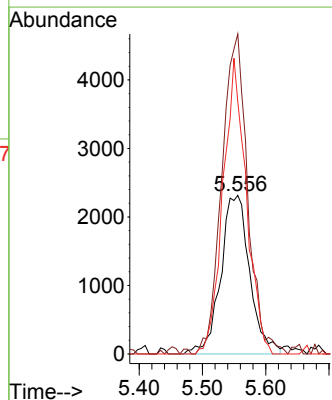
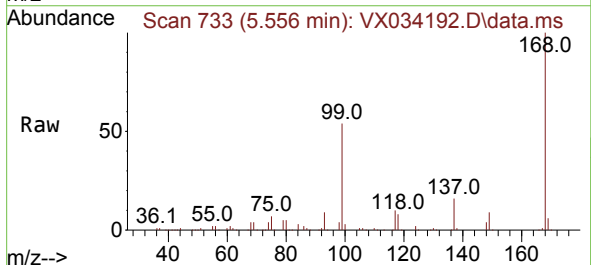
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

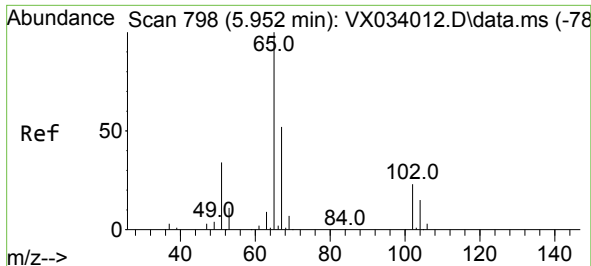
Tgt Ion: 43 Resp: 8773
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

Tgt Ion: 56 Resp: 7366
Ion Ratio Lower Upper
56 100
69 201.9 24.6 37.0#
84 159.2 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.633 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034192.D

Acq: 20 Feb 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

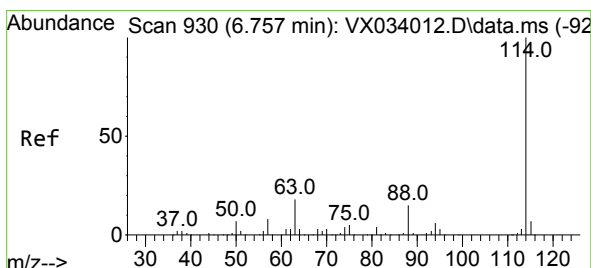
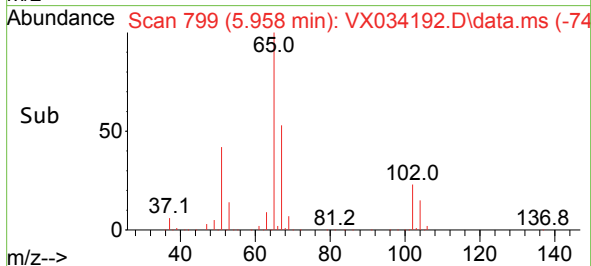
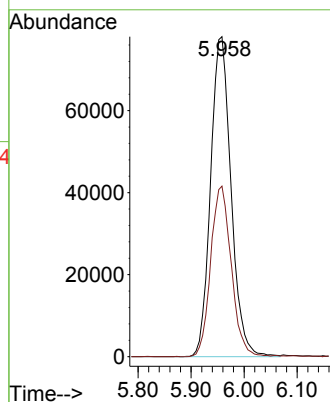
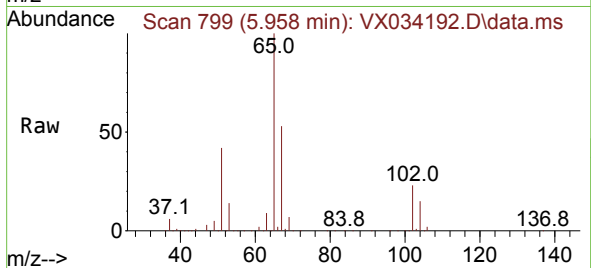
PB150922TB

Tgt Ion: 65 Resp: 208844

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034192.D

Acq: 20 Feb 2023 16:57

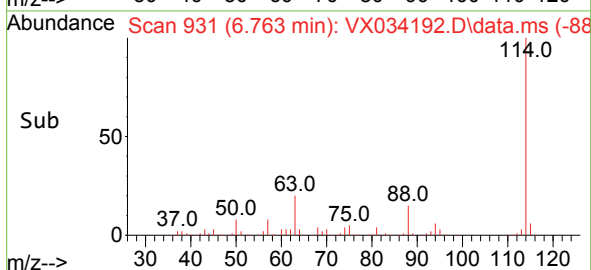
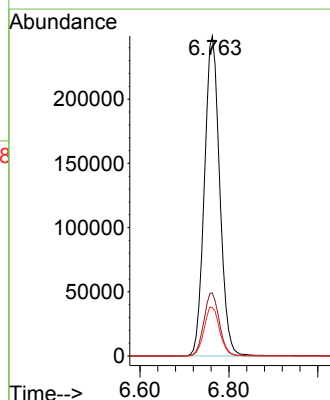
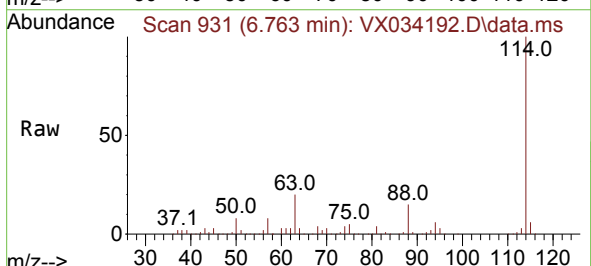
Tgt Ion: 114 Resp: 597457

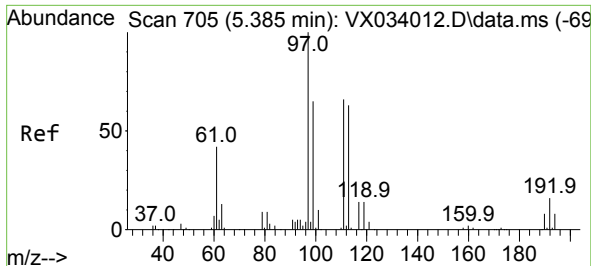
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.1 0.0 30.6

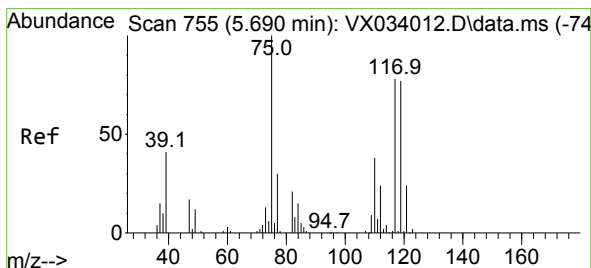
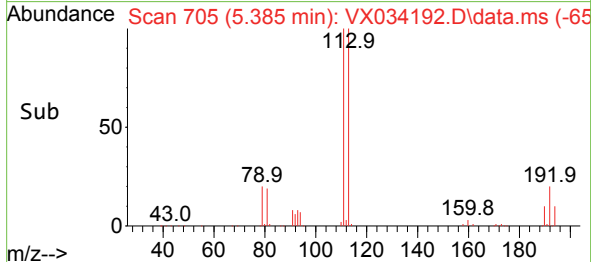
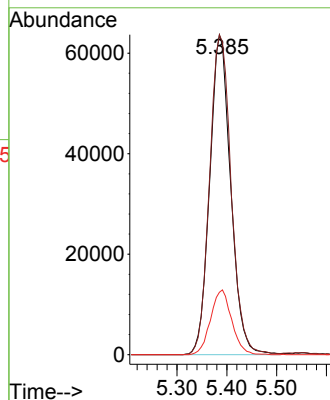
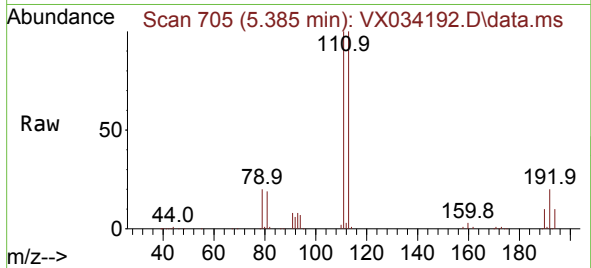




#35
Dibromofluoromethane
Concen: 47.756 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

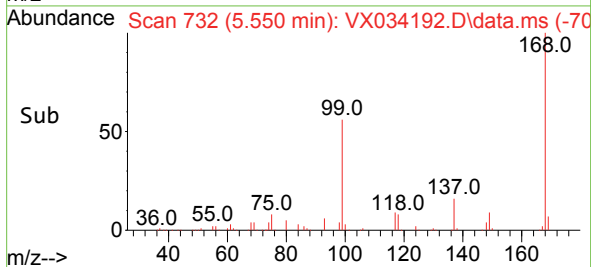
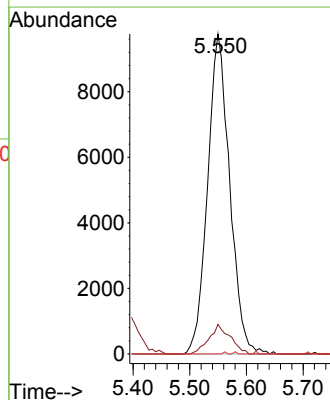
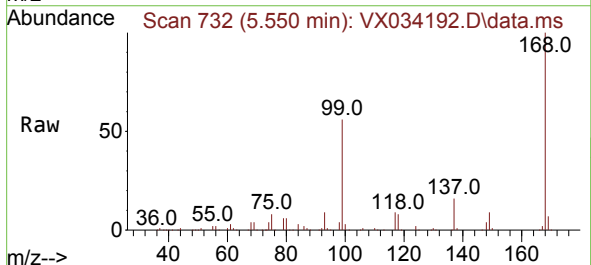
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

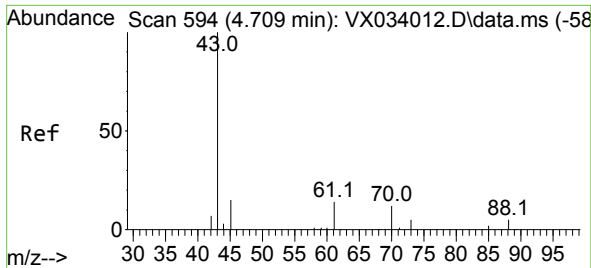
Tgt Ion:113 Resp: 185773
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 20.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.591 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

Tgt Ion: 75 Resp: 26413
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.1 25.1 37.7#

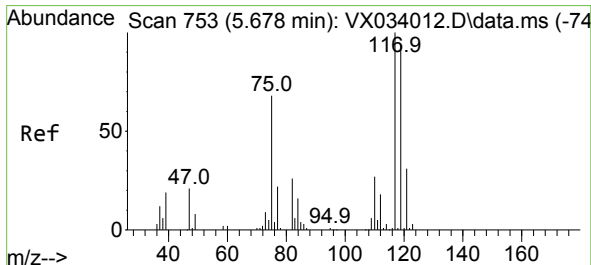
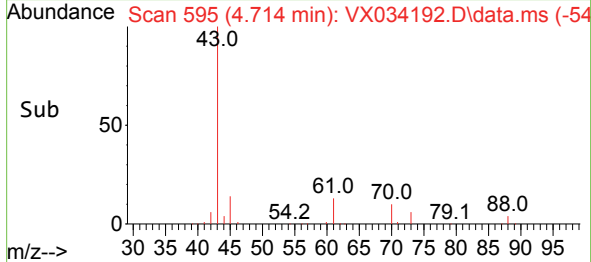
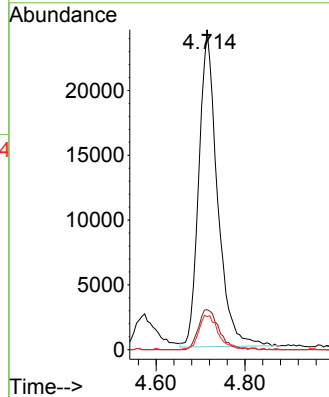
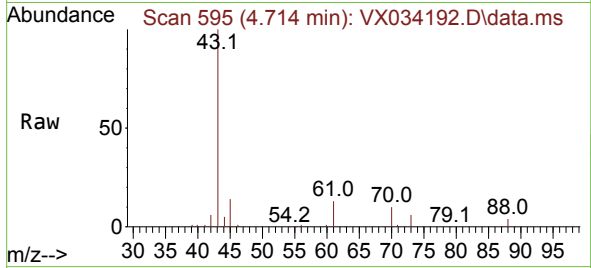




#37
Ethyl Acetate
Concen: 11.031 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

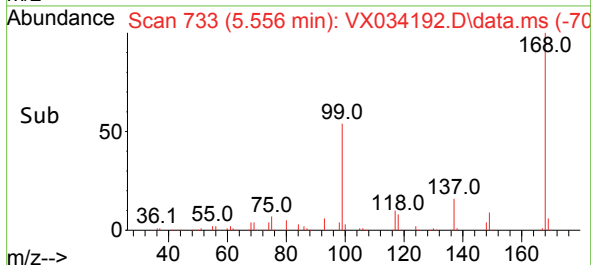
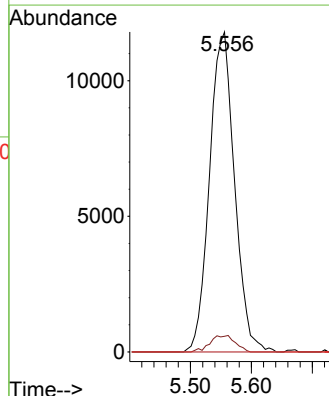
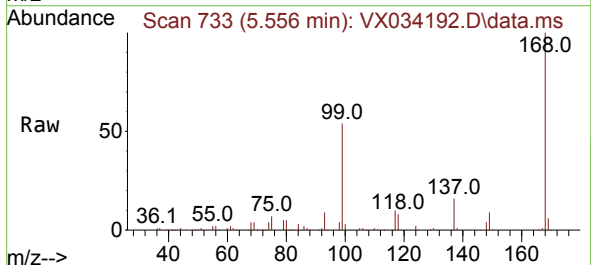
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

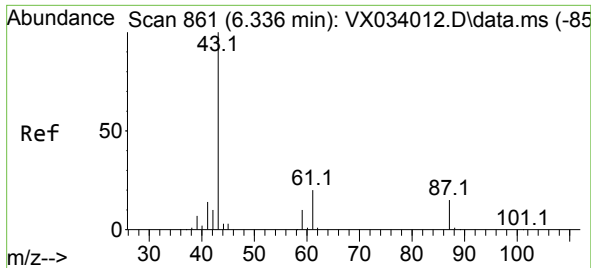
Tgt Ion:	43	Resp:	70923
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	11.4	8.5	12.7



#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

Tgt Ion:	117	Resp:	33653
Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.0	117.0#
121	0.0	24.4	36.6#

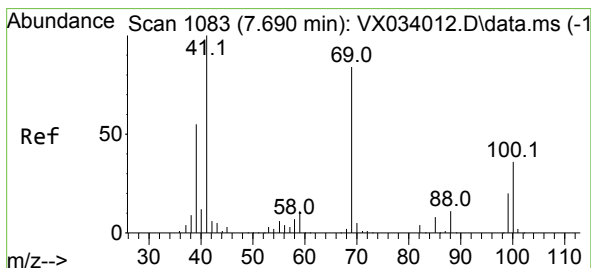
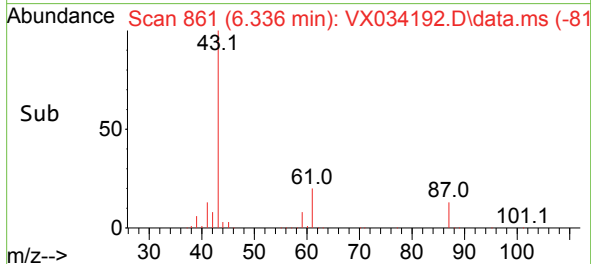
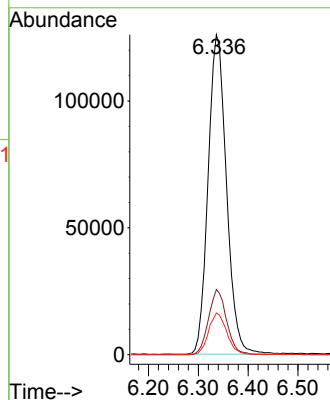
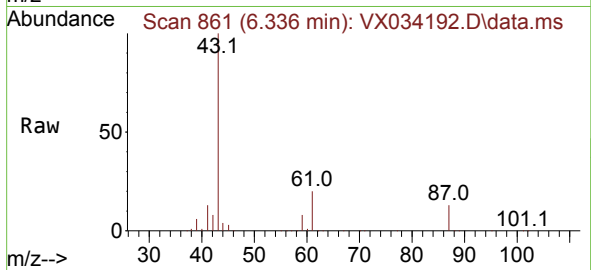




#43
Isopropyl Acetate
Concen: 28.436 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

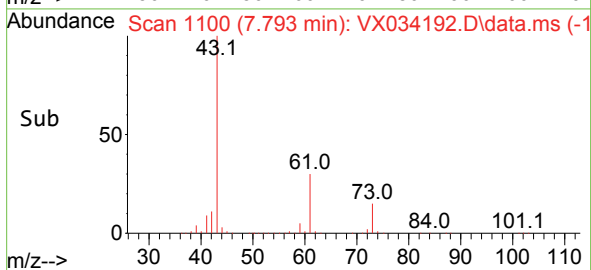
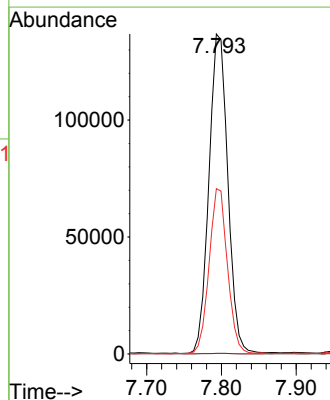
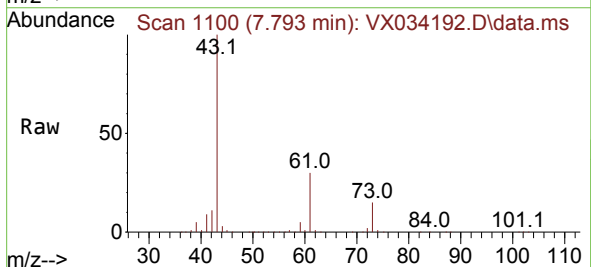
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

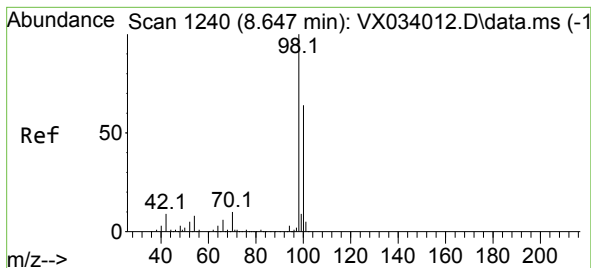
Tgt Ion: 43 Resp: 322627
Ion Ratio Lower Upper
43 100
61 20.1 15.7 23.5
87 12.9 10.6 15.8



#48
Methyl methacrylate
Concen: 44.580 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

Tgt Ion: 41 Resp: 240071
Ion Ratio Lower Upper
41 100
69 0.2 63.1 94.7#
39 50.3 43.2 64.8





#50

Toluene-d8

Concen: 50.368 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034192.D

Acq: 20 Feb 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

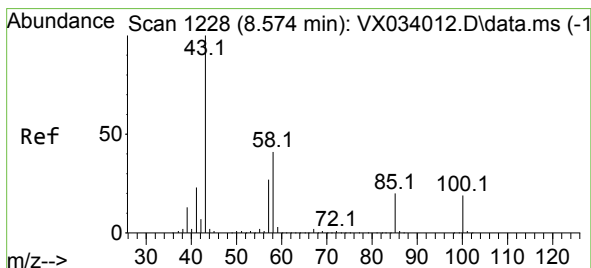
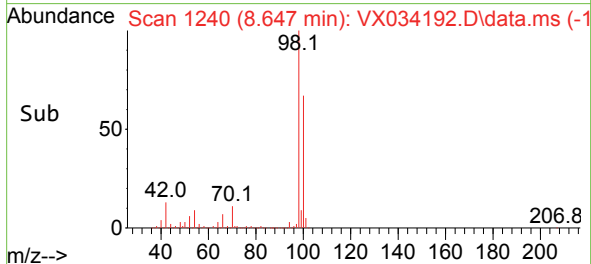
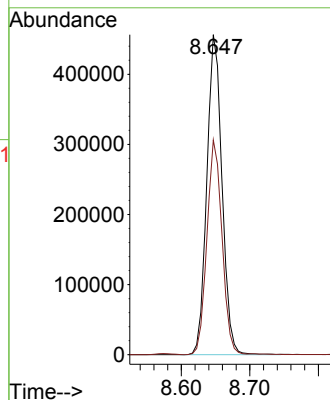
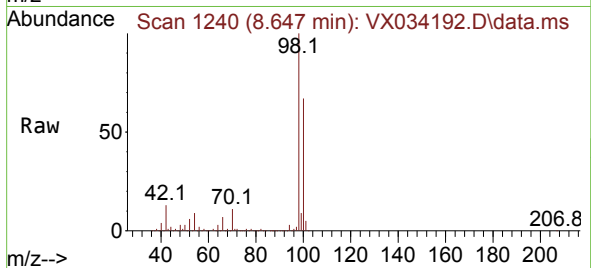
PB150922TB

Tgt Ion: 98 Resp: 703465

Ion Ratio Lower Upper

98 100

100 67.0 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 37.096 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.018 min

Lab File: VX034192.D

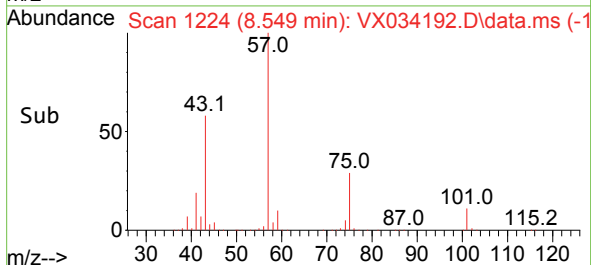
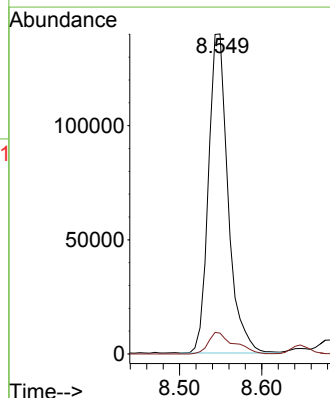
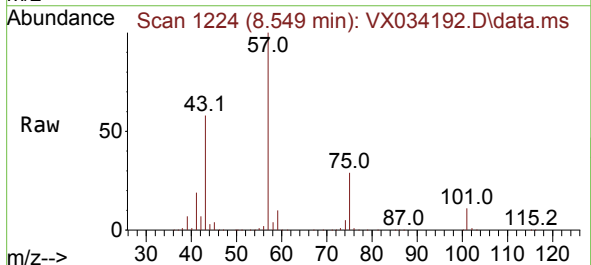
Acq: 20 Feb 2023 16:57

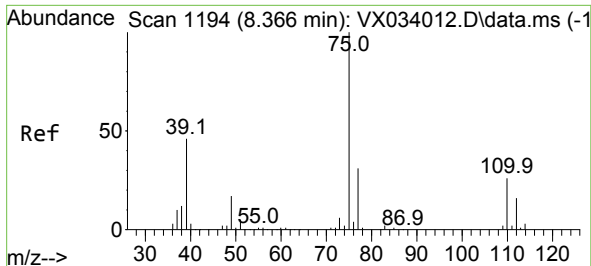
Tgt Ion: 43 Resp: 231561

Ion Ratio Lower Upper

43 100

58 8.9 31.2 46.8#

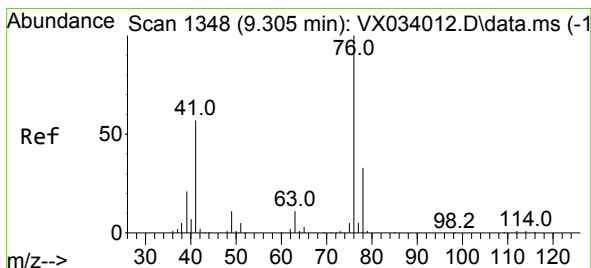
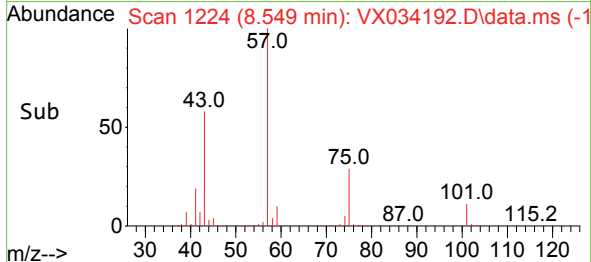
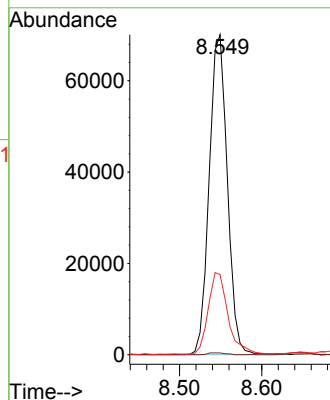
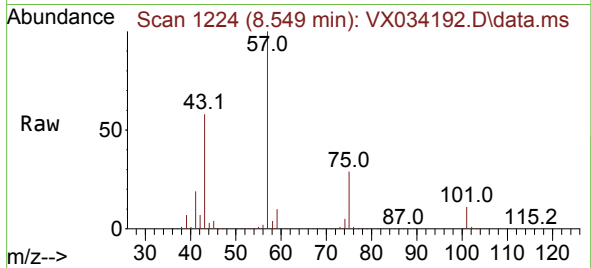




#54
 cis-1,3-Dichloropropene
 Concen: 14.179 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX034192.D
 Acq: 20 Feb 2023 16:57

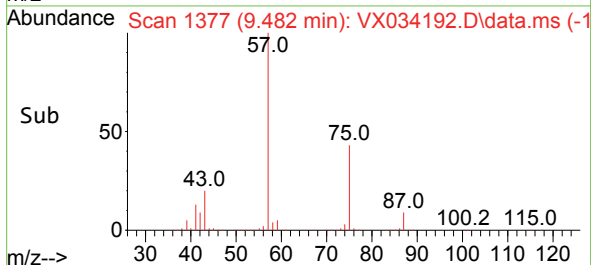
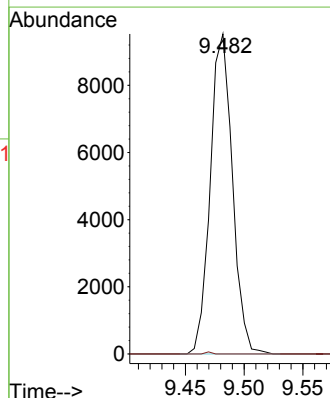
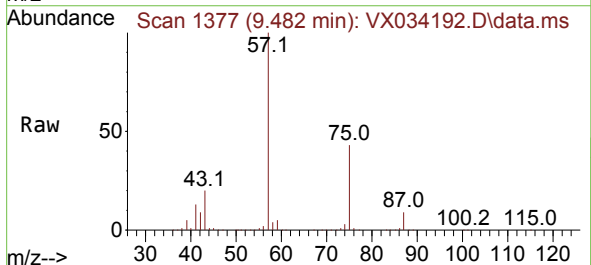
Instrument :
 MSVOA_X
 ClientSampleId :
 PB150922TB

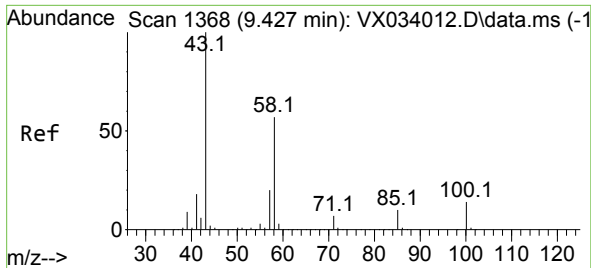
Tgt Ion: 75 Resp: 107100
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.6#
 39 24.9 38.6 58.0#



#57
 1,3-Dichloropropane
 Concen: 1.725 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX034192.D
 Acq: 20 Feb 2023 16:57

Tgt Ion: 76 Resp: 12512
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.6 38.4#

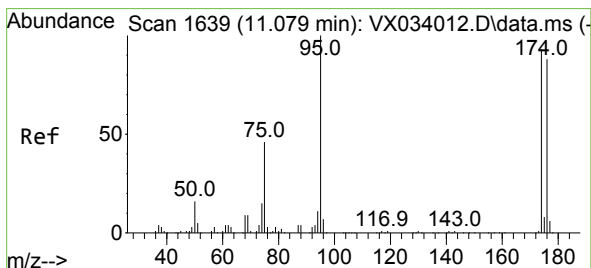
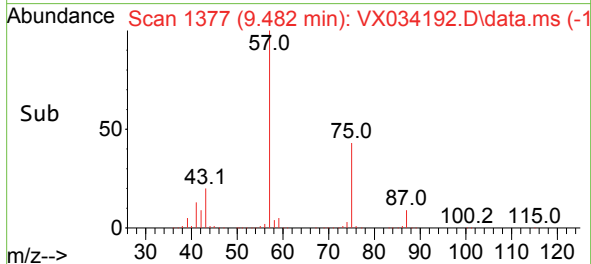
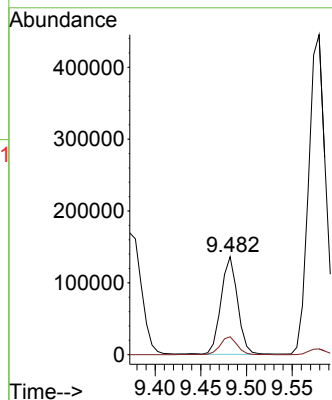
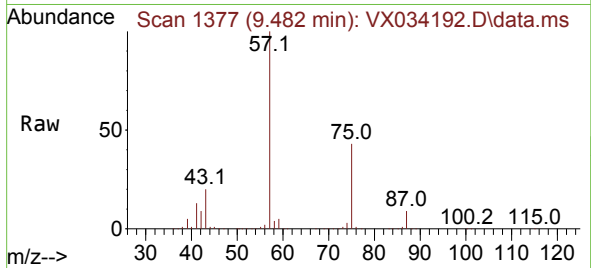




#59
2-Hexanone
Concen: 36.369 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

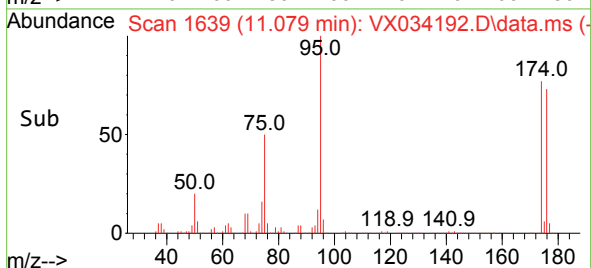
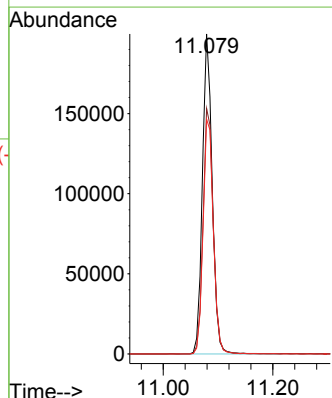
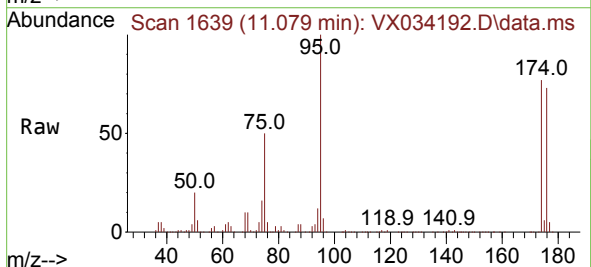
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

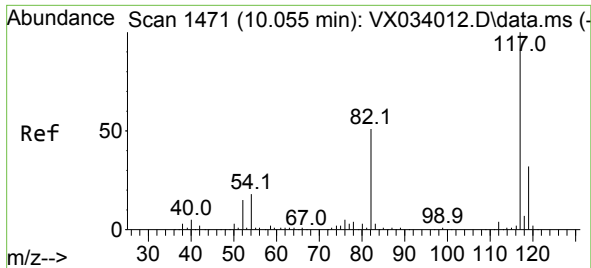
Tgt Ion: 43 Resp: 173019
Ion Ratio Lower Upper
43 100
58 18.9 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: 46.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

Tgt Ion: 95 Resp: 247515
Ion Ratio Lower Upper
95 100
174 79.8 0.0 184.4
176 76.7 0.0 178.8

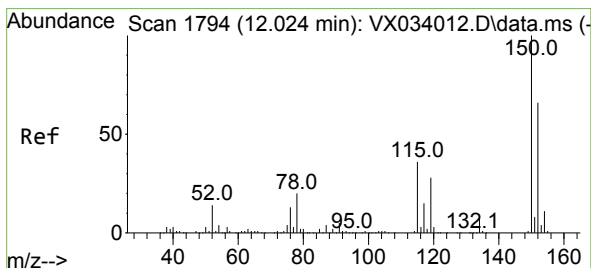
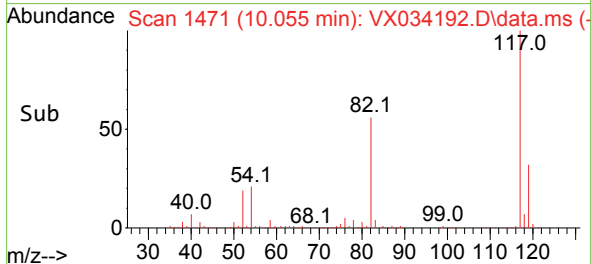
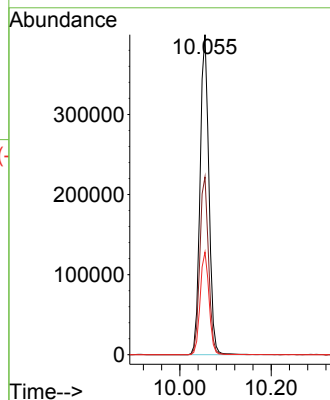
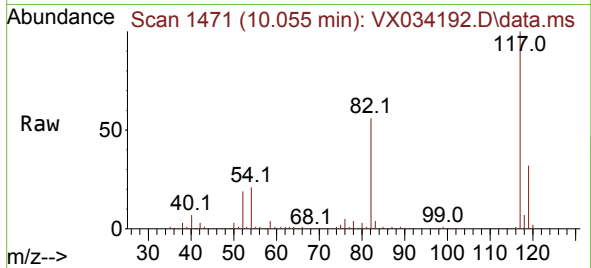




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

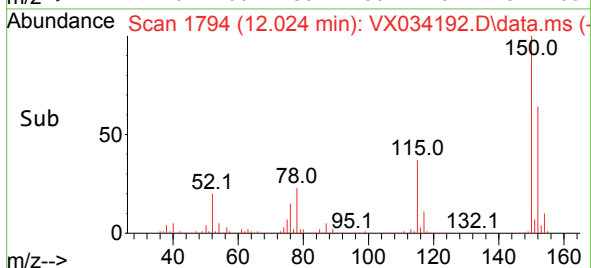
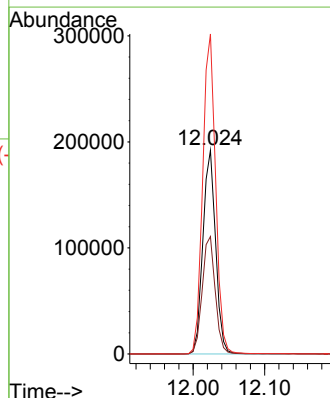
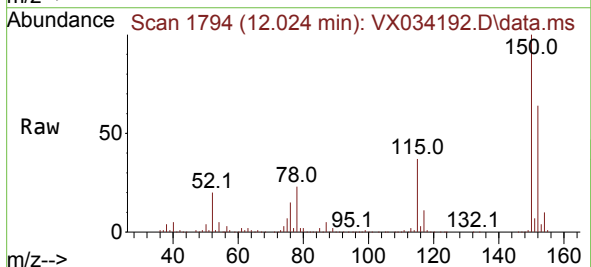
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

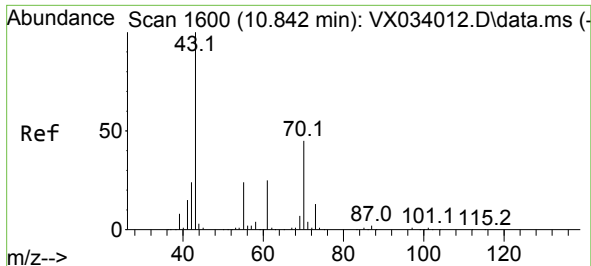
Tgt Ion:117 Resp: 533575
Ion Ratio Lower Upper
117 100
82 55.5 40.6 60.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

Tgt Ion:152 Resp: 238300
Ion Ratio Lower Upper
152 100
115 58.8 38.7 116.1
150 158.6 0.0 348.2

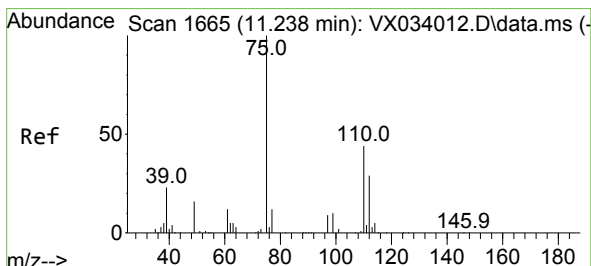
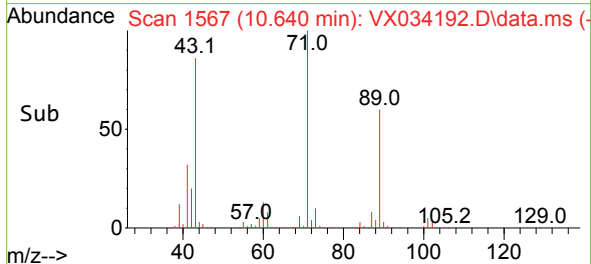
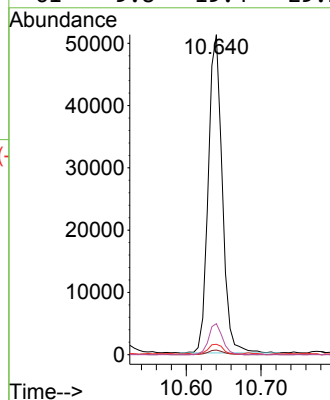
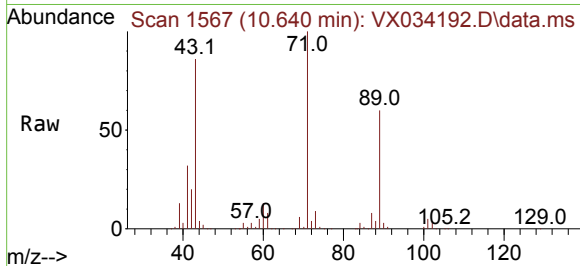




#74
N-amy1 acetate
Concen: 7.257 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

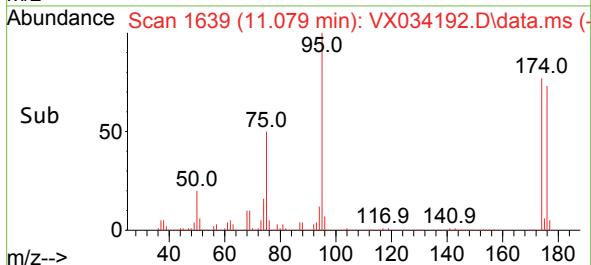
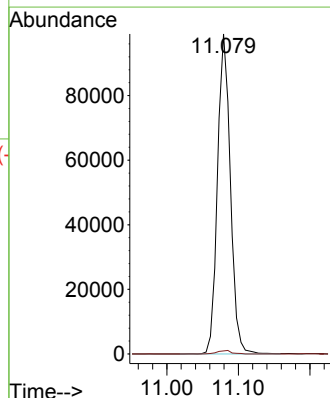
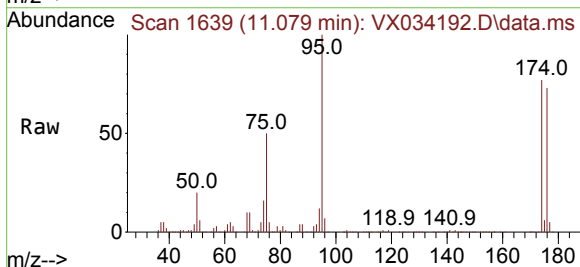
Instrument :
MSVOA_X
ClientSampleId :
PB150922TB

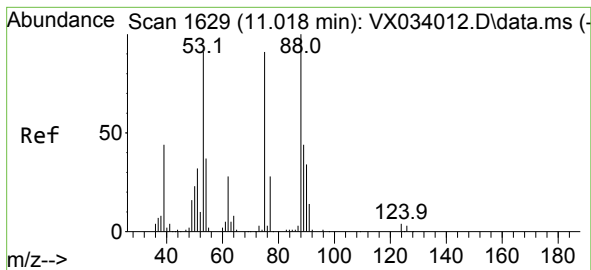
Tgt Ion: 43	Resp: 66218
Ion Ratio	Lower Upper
43 100	
70 1.7	34.8 52.2#
55 3.7	19.4 29.0#
61 9.8	19.4 29.2#



#76
1,2,3-Trichloropropane
Concen: 20.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034192.D
Acq: 20 Feb 2023 16:57

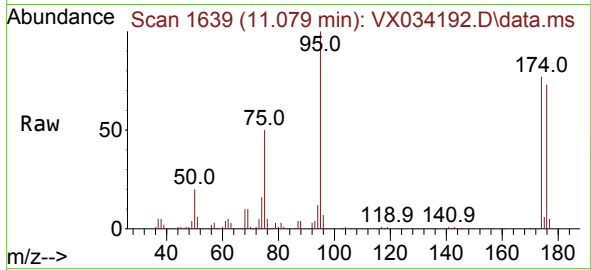
Tgt Ion: 75	Resp: 123636
Ion Ratio	Lower Upper
75 100	
77 1.2	21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.968 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034192.D
 Acq: 20 Feb 2023 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150922TB



Tgt Ion: 75 Resp: 123636
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

