

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022567.D
 Acq On : 08 Jun 2021 16:31
 Operator : JC/MD
 Sample : PB136878ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:00:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

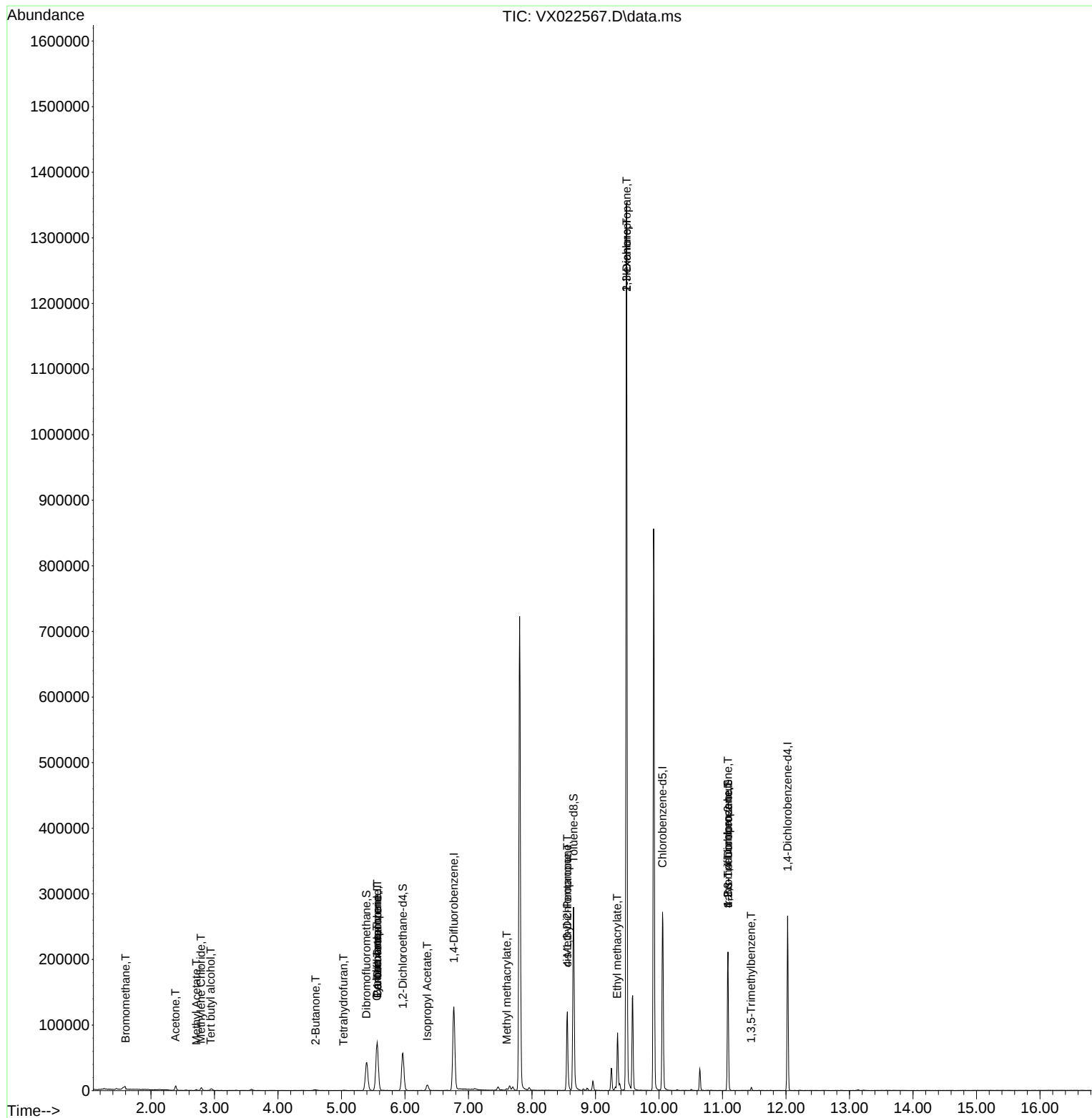
Internal Standards						
1) Pentafluorobenzene	5.562	168	59867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52012	48.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.391	113	36879	46.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.653	98	156441	49.960	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.920%		
62) 4-Bromofluorobenzene	11.085	95	55804	47.945	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.900%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	113	0.261	ug/l #	2
11) Tert butyl alcohol	2.941	59	1759	7.368	ug/l #	73
16) Acetone	2.386	43	6889	14.405	ug/l	96
18) Methyl Acetate	2.715	43	1713	1.299	ug/l #	83
20) Methylene Chloride	2.788	84	1808	1.811	ug/l	95
25) 2-Butanone	4.593	43	1614	2.042	ug/l	96
29) Tetrahydrofuran	5.032	42	225	0.485	ug/l #	40
31) Cyclohexane	5.556	56	1880	1.493	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	6181	5.094	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7406	8.376	ug/l #	16
43) Isopropyl Acetate	6.349	43	11606	4.597	ug/l #	94
48) Methyl methacrylate	7.604	41	3036	2.584	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	40558	25.786	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	18827	13.373	ug/l #	64
56) Ethyl methacrylate	9.342	69	393	2.919	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	11422	6.895	ug/l #	42
59) 2-Hexanone	9.488	43	156599	130.330	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	30219	25.685	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	2100	0.664	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	30219	63.402	ug/l #	12

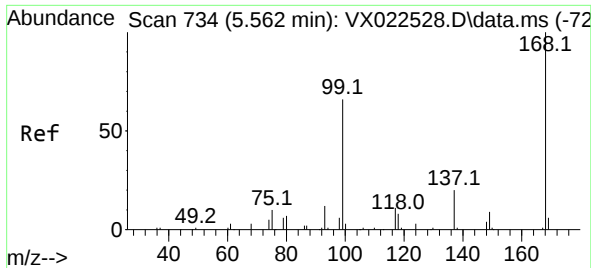
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

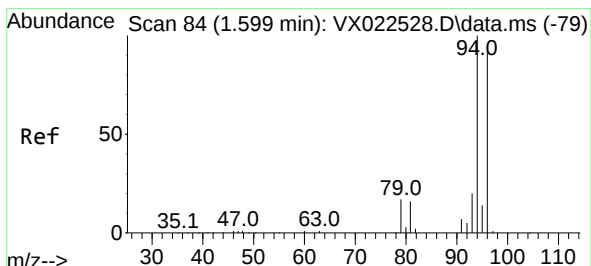
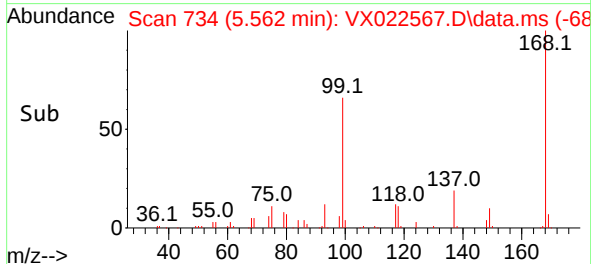
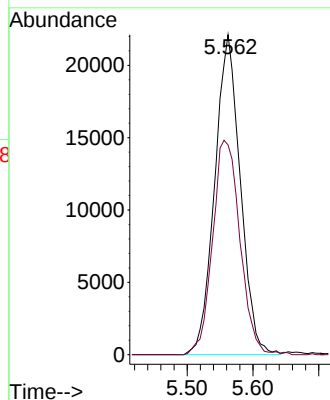
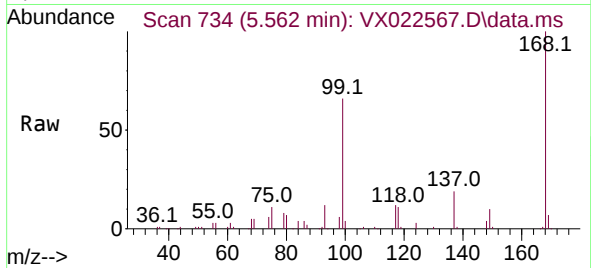




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

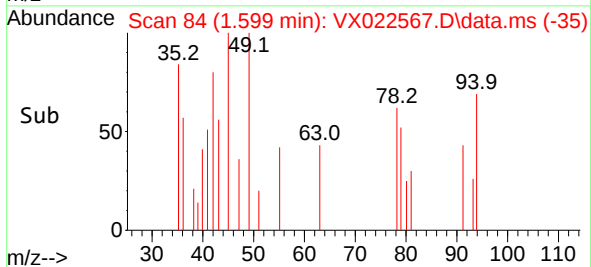
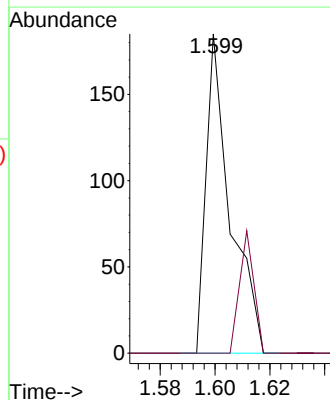
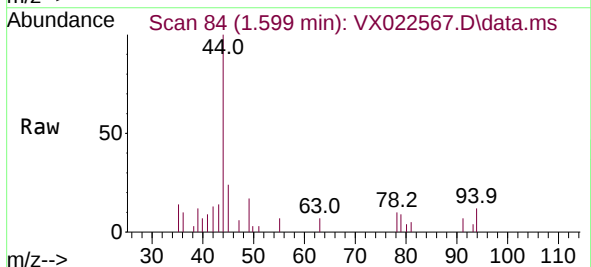
Instrument :
MSVOA_X
ClientSampled :

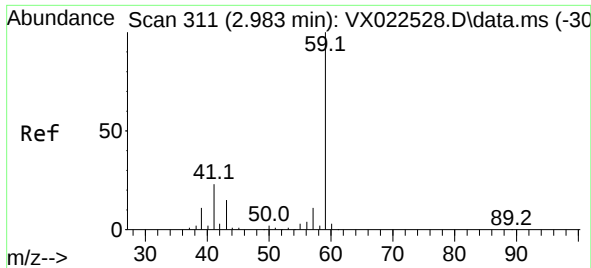
Tgt Ion:168 Resp: 59867
Ion Ratio Lower Upper
168 100
99 65.6 45.8 68.6



#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 94 Resp: 113
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



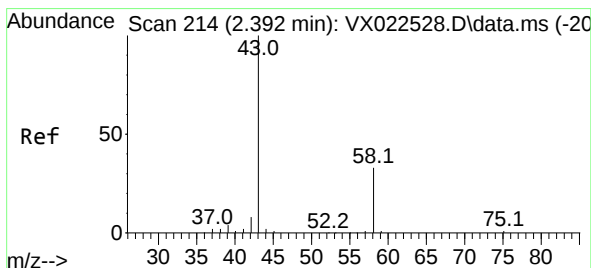
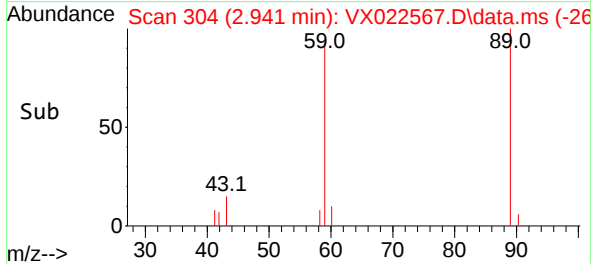
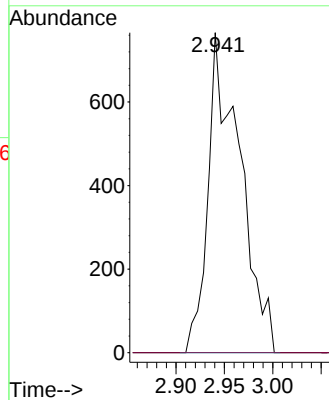
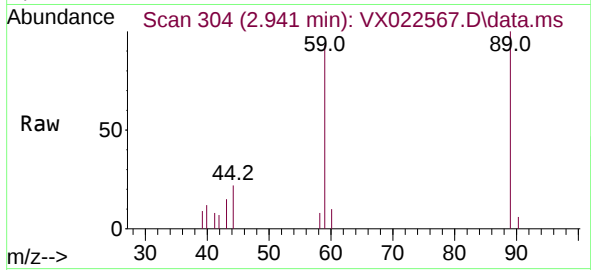


#11

Tert butyl alcohol
Concen: 7.368 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Instrument :
MSVOA_X
ClientSampled :

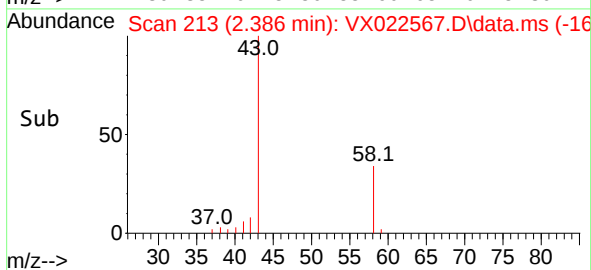
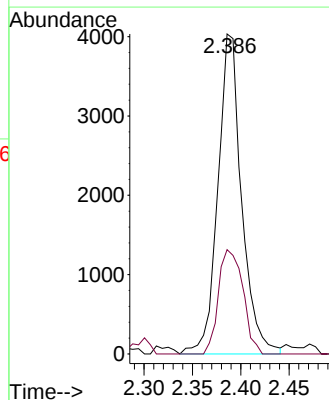
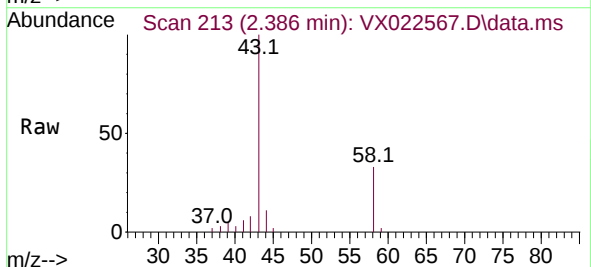
Tgt Ion: 59 Resp: 1759
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

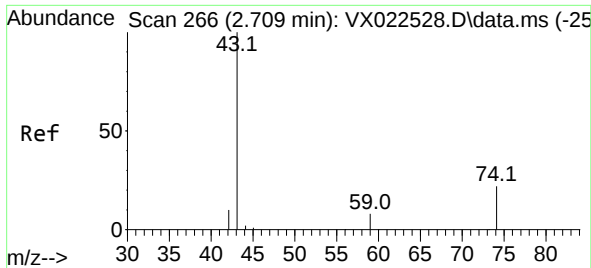


#16

Acetone
Concen: 14.405 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 43 Resp: 6889
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8

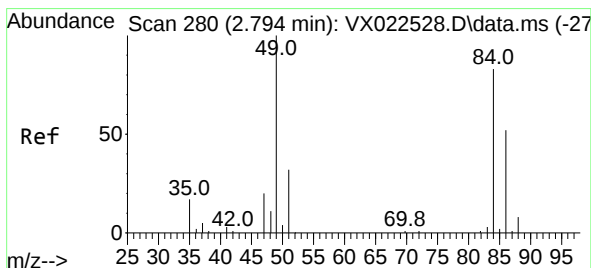
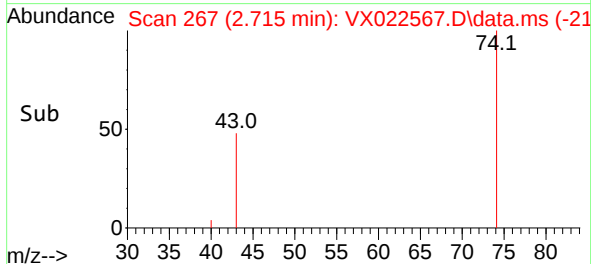
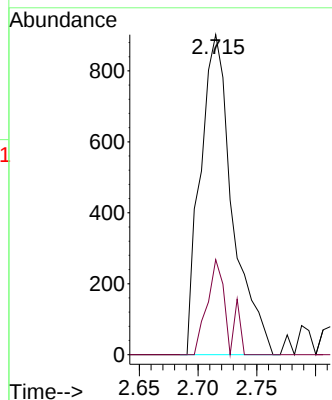
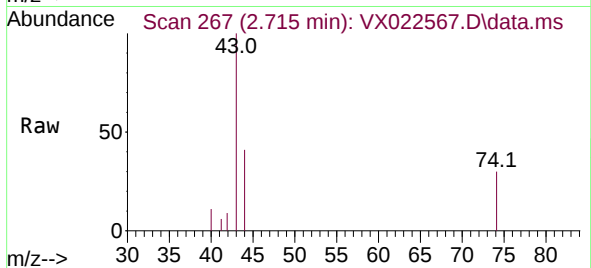




#18
Methyl Acetate
Concen: 1.299 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

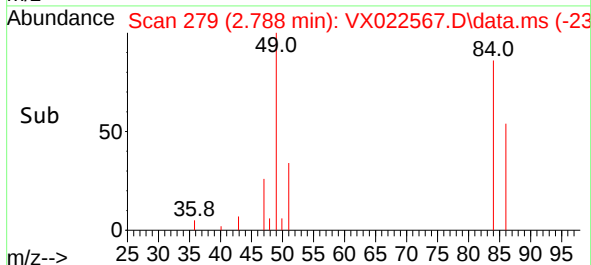
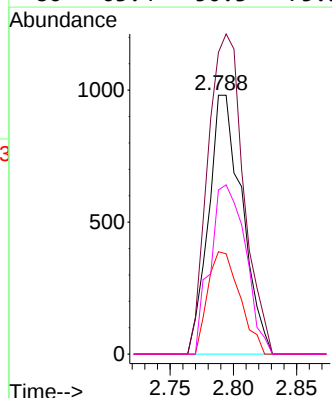
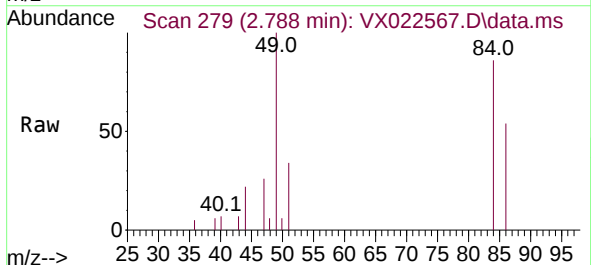
Instrument :
MSVOA_X
ClientSampled :

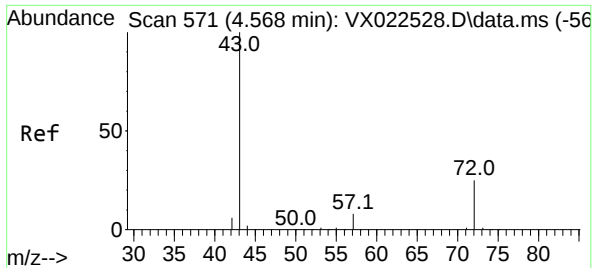
Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
74 18.5 21.9 32.9#



#20
Methylene Chloride
Concen: 1.811 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 84 Resp: 1808
Ion Ratio Lower Upper
84 100
49 116.5 88.6 132.8
51 39.6 27.0 40.6
86 63.4 50.3 75.5

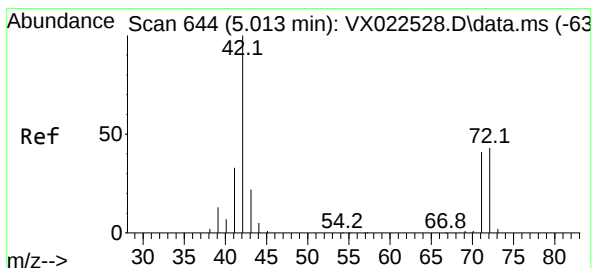
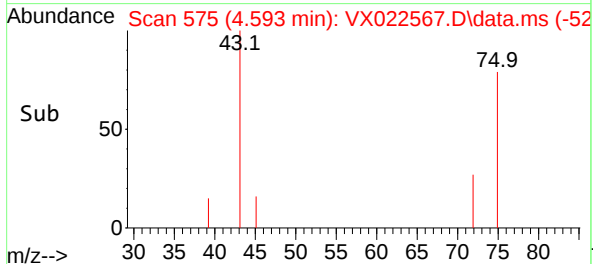
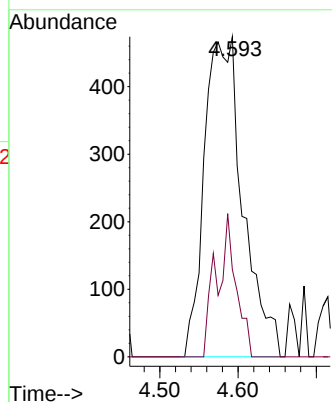
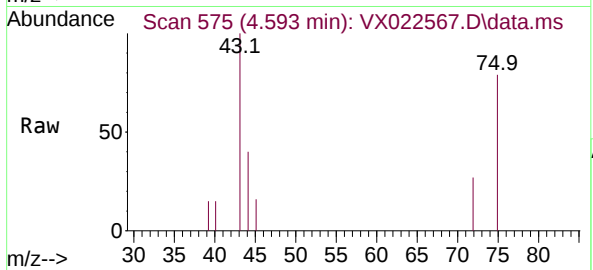




#25
2-Butanone
Concen: 2.042 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

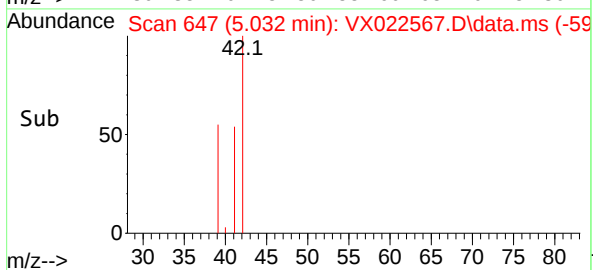
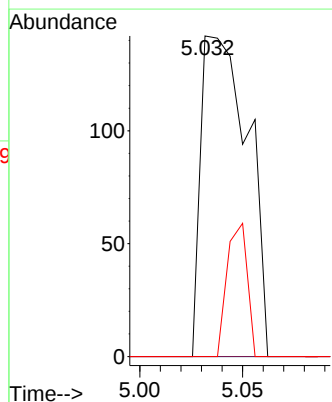
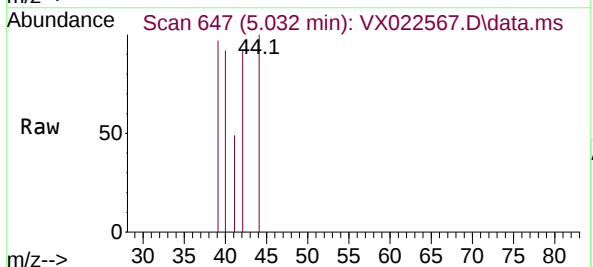
Instrument :
MSVOA_X
ClientSampled :

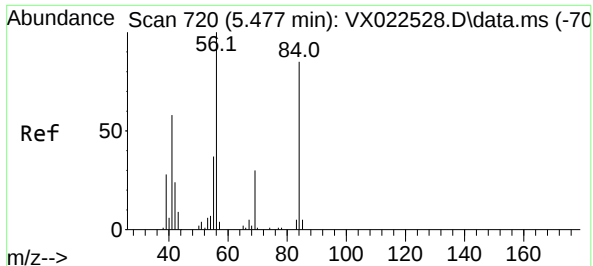
Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
72 27.2 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.485 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 42 Resp: 225
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 17.8 38.4 57.6#

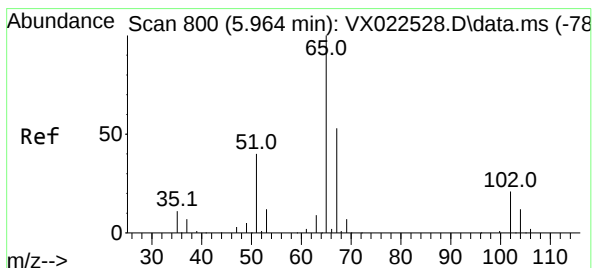
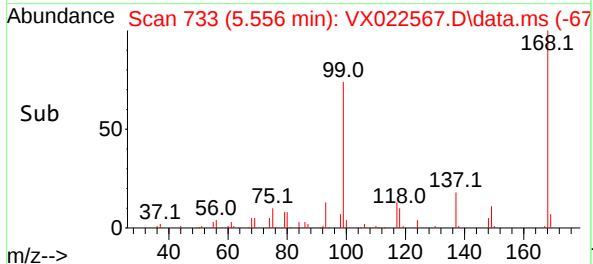
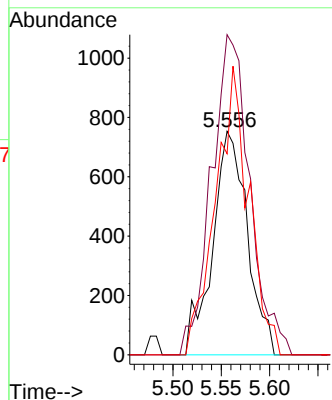
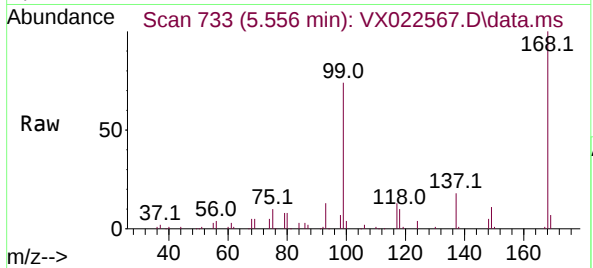




#31
Cyclohexane
Concen: 1.493 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

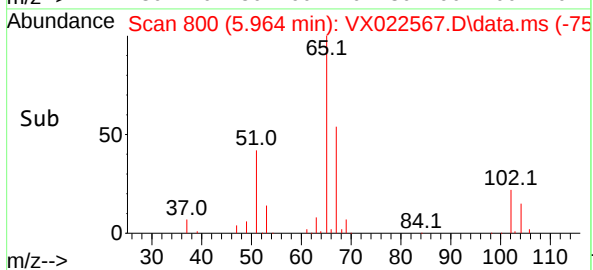
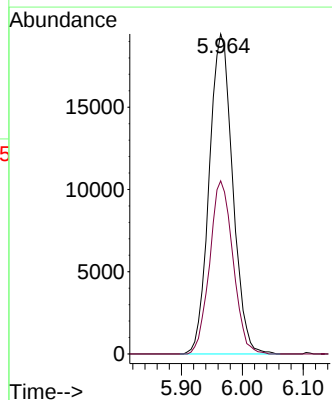
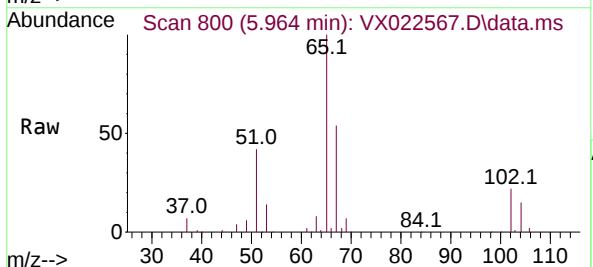
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MSVOA_X
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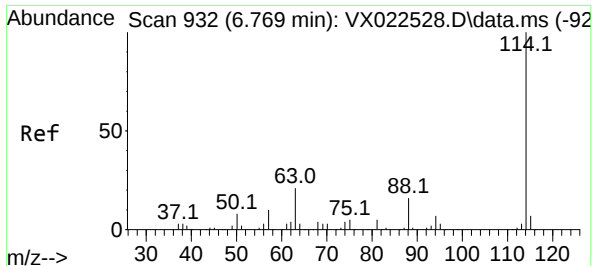
Tgt Ion: 56 Resp: 1880
Ion Ratio Lower Upper
56 100
69 143.3 25.3 37.9#
84 90.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.871 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 65 Resp: 52012
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

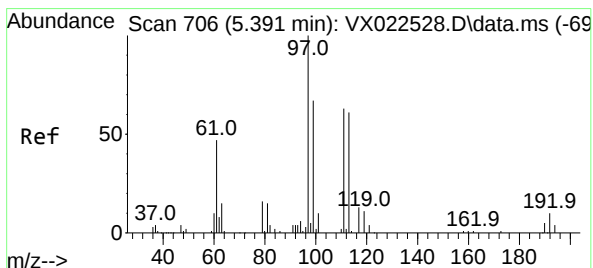
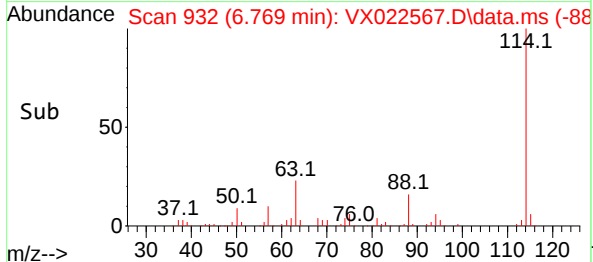
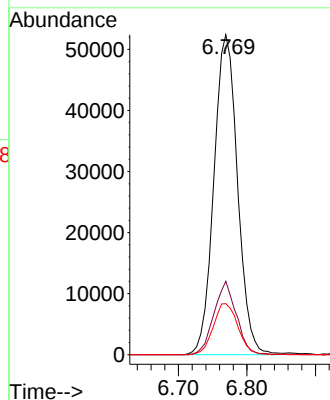
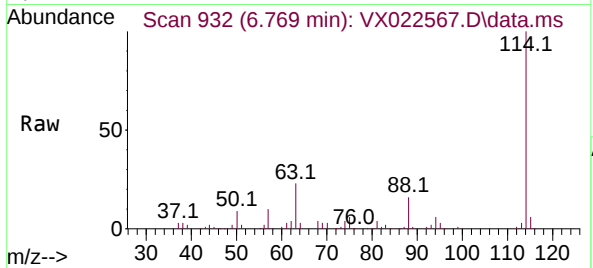




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

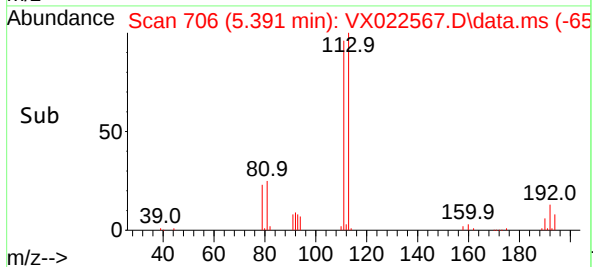
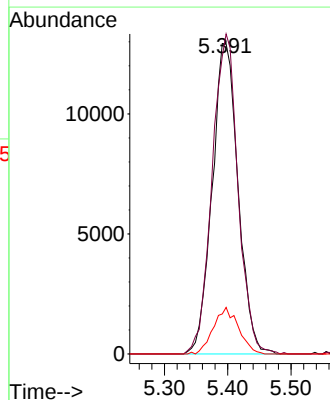
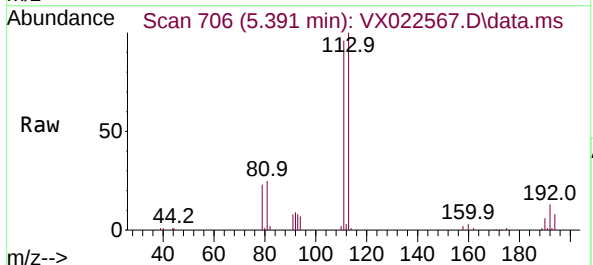
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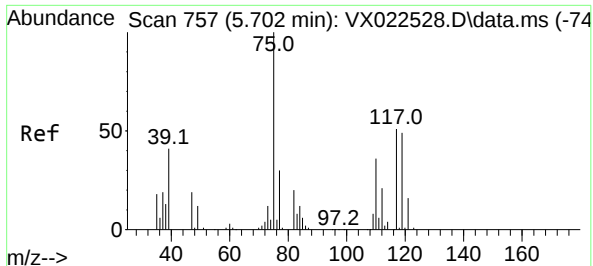
Tgt Ion:114 Resp: 125432
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.993 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion:113 Resp: 36879
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 14.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.094 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022567.D

Acq: 08 Jun 2021 16:31

Tgt Ion: 75 Resp: 6181

Ion Ratio Lower Upper

75 100

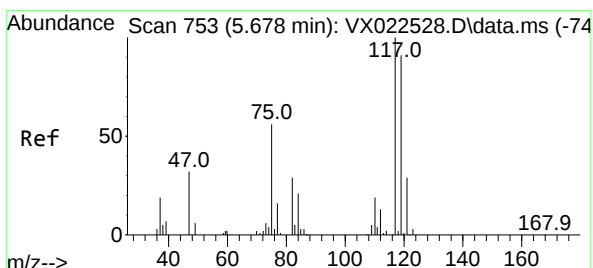
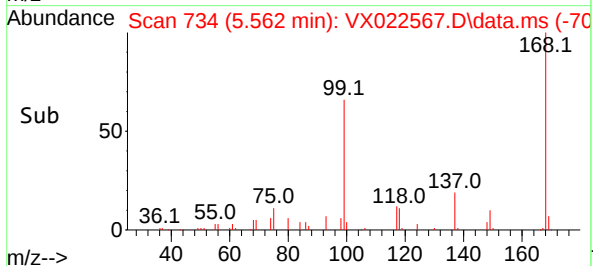
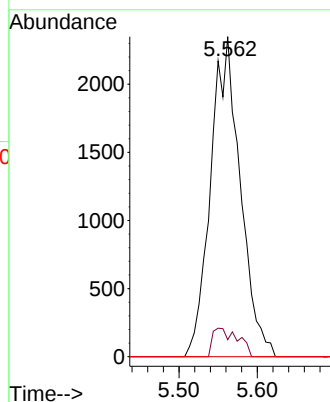
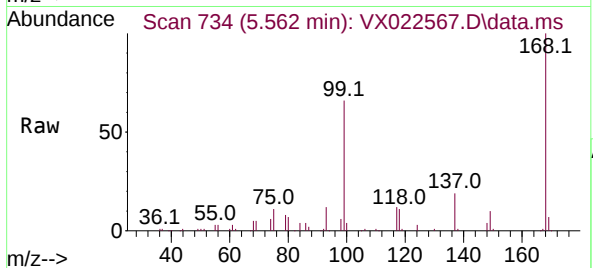
110 7.5 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 8.376 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022567.D

Acq: 08 Jun 2021 16:31

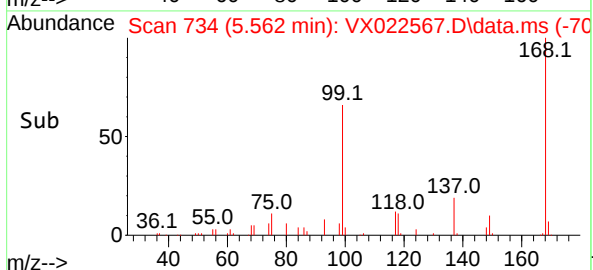
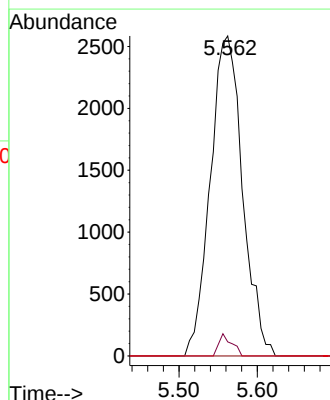
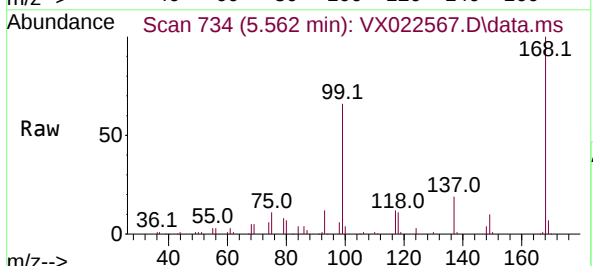
Tgt Ion: 117 Resp: 7406

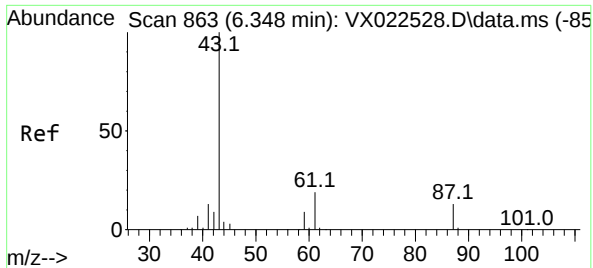
Ion Ratio Lower Upper

117 100

119 4.4 76.2 114.2#

121 0.0 24.8 37.2#

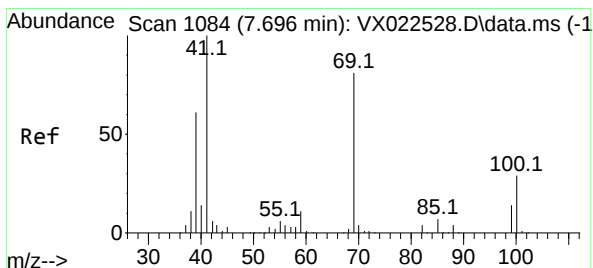
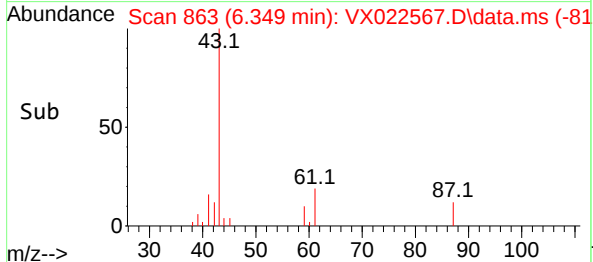
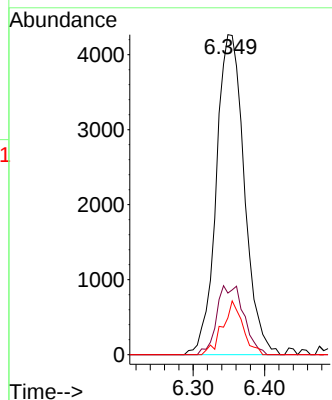
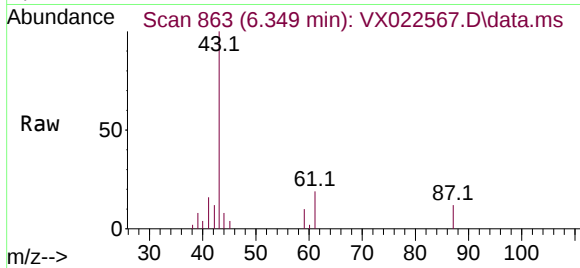




#43
Isopropyl Acetate
Concen: 4.597 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.001 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

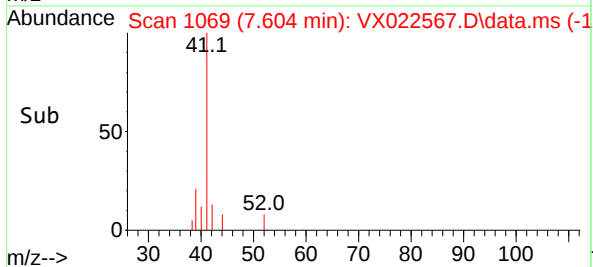
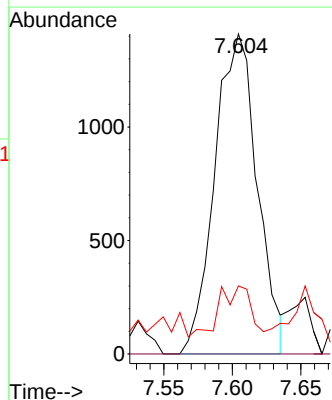
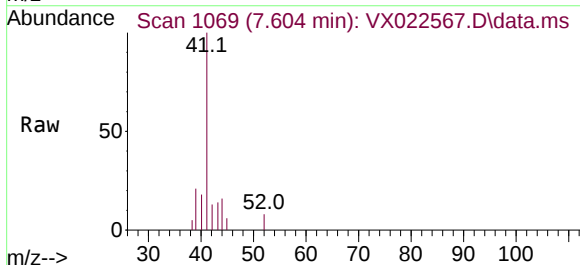
Instrument :
MSVOA_X
ClientSampled :

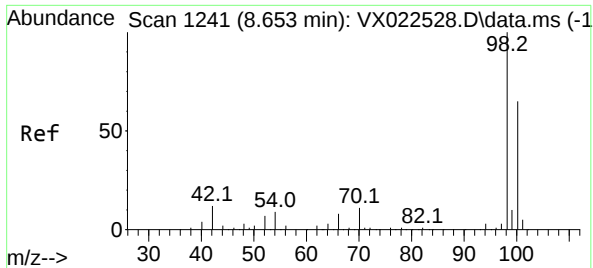
Tgt Ion:	43	Resp:	11606
Ion	Ratio	Lower	Upper
43	100		
61	20.8	18.2	27.4
87	12.2	12.5	18.7#



#48
Methyl methacrylate
Concen: 2.584 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion:	41	Resp:	3036
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

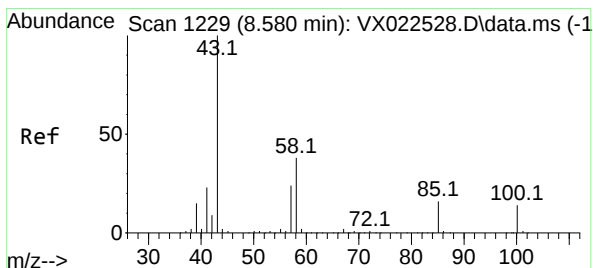
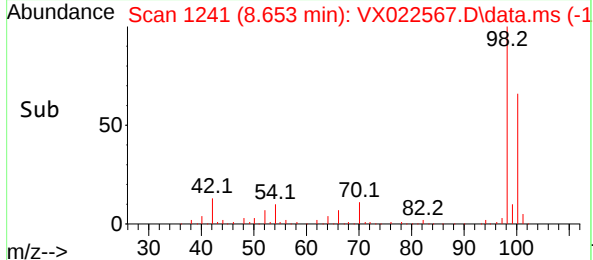
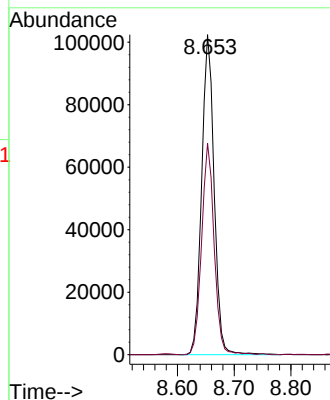
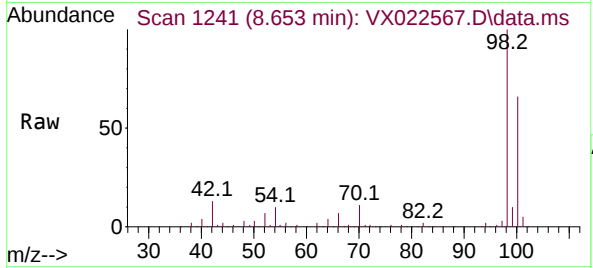




#50
Toluene-d8
Concen: 49.960 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

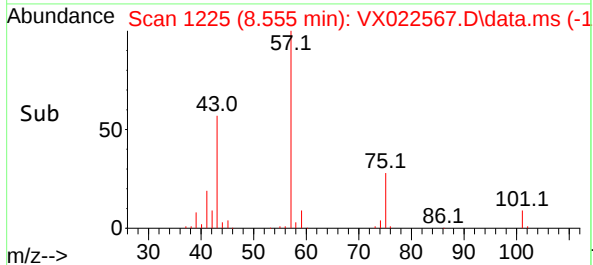
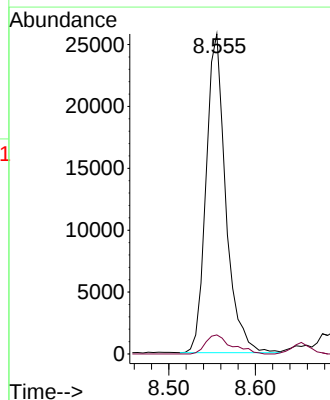
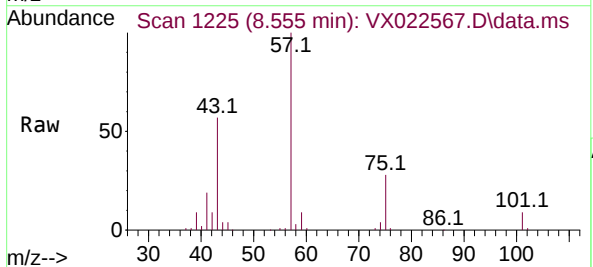
Instrument :
MSVOA_X
ClientSampled :

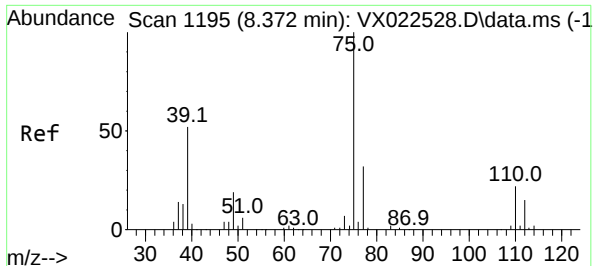
Tgt Ion: 98 Resp: 156441
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 25.786 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 43 Resp: 40558
Ion Ratio Lower Upper
43 100
58 7.9 35.4 53.0#

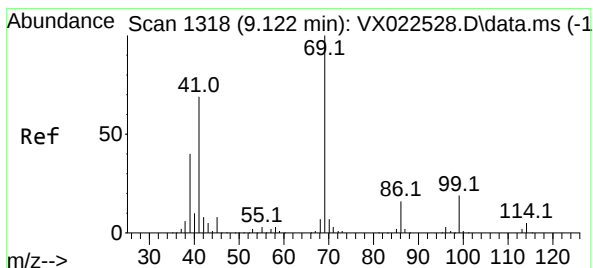
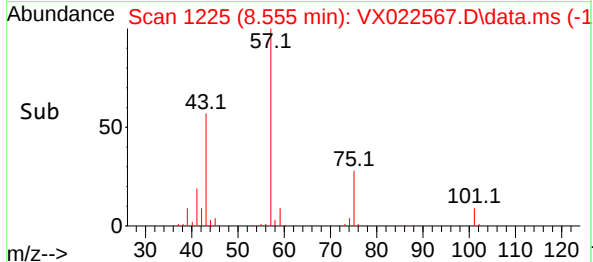
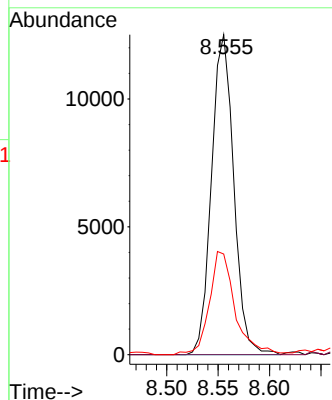
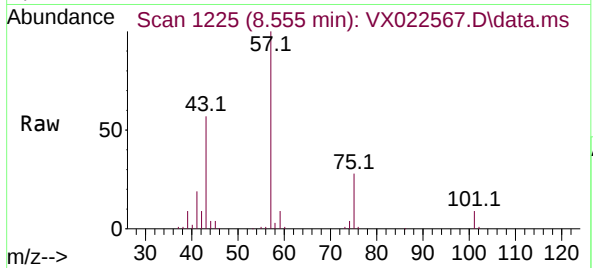




#54
cis-1,3-Dichloropropene
Concen: 13.373 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

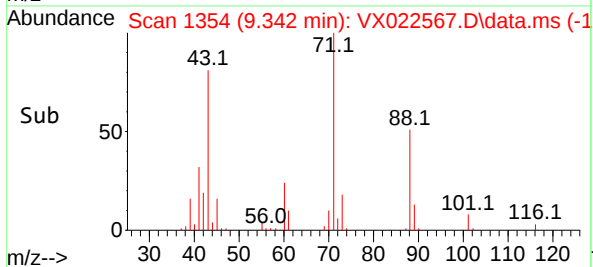
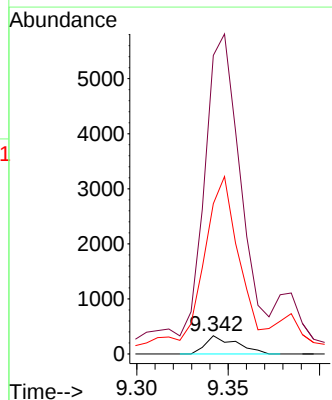
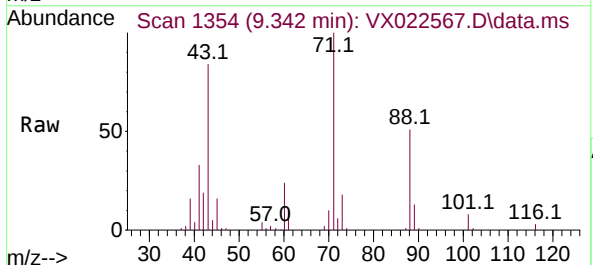
Instrument :
MSVOA_X
ClientSampleId :

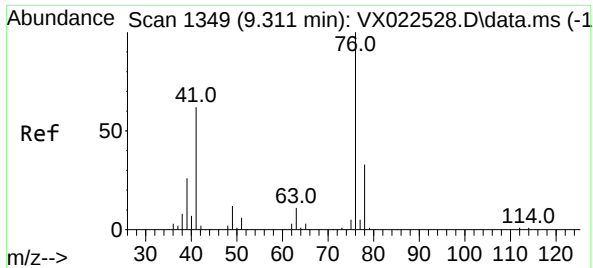
Tgt Ion: 75 Resp: 18827
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.9 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.919 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 69 Resp: 393
Ion Ratio Lower Upper
69 100
41 2130.8 46.8 70.2#
39 1101.0 24.7 37.1#

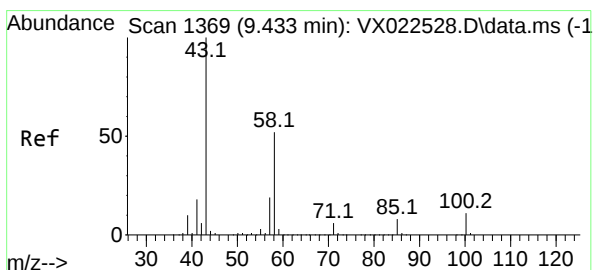
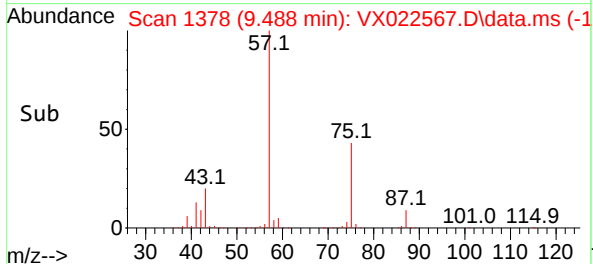
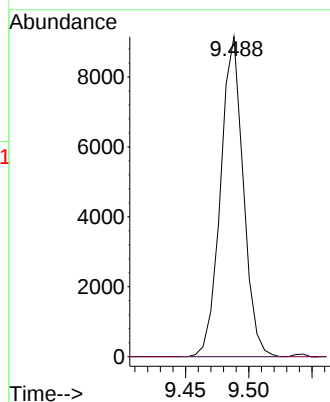
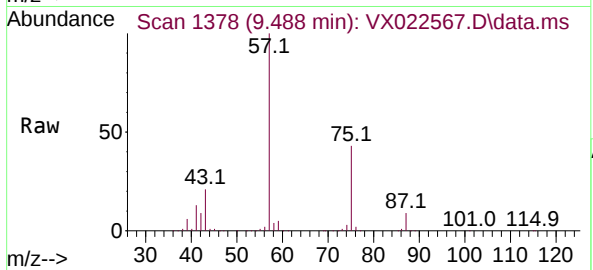




#57
1,3-Dichloropropane
Concen: 6.895 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

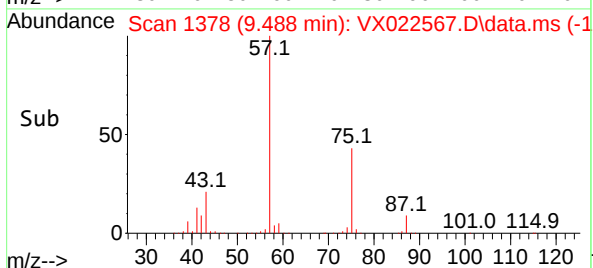
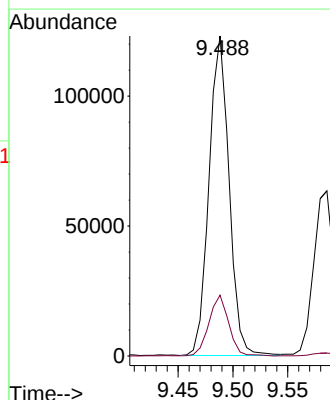
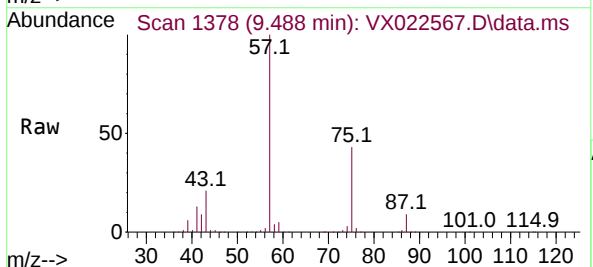
Instrument :
MSVOA_X
ClientSampleId :

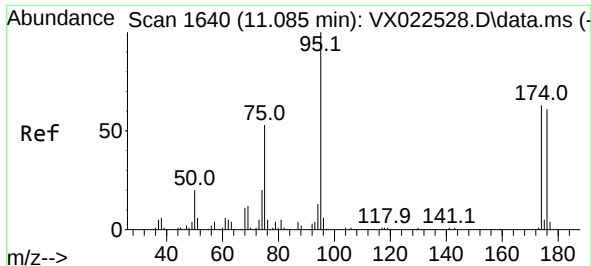
Tgt Ion: 76 Resp: 11422
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 130.330 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 43 Resp: 156599
Ion Ratio Lower Upper
43 100
58 18.6 30.9 92.8#

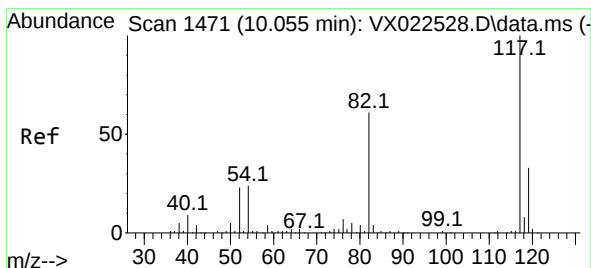
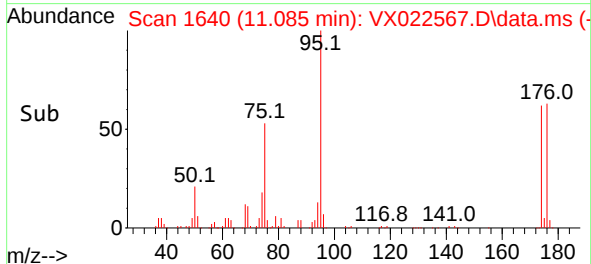
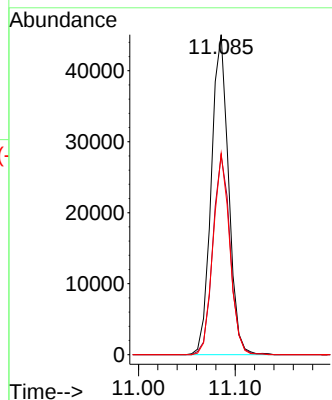
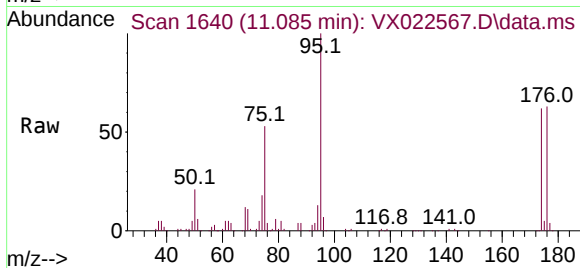




#62
4-Bromofluorobenzene
Concen: 47.945 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

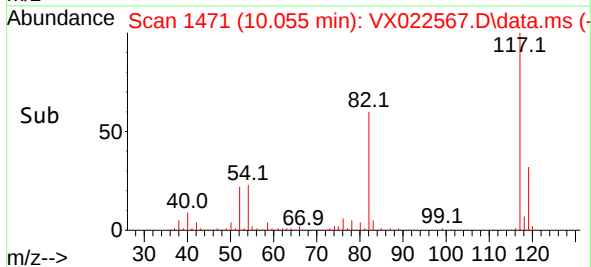
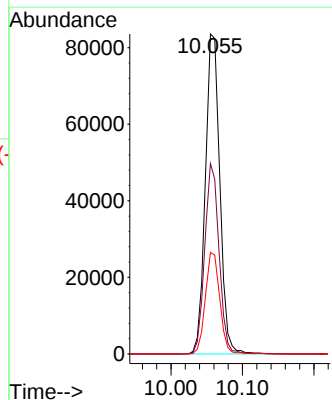
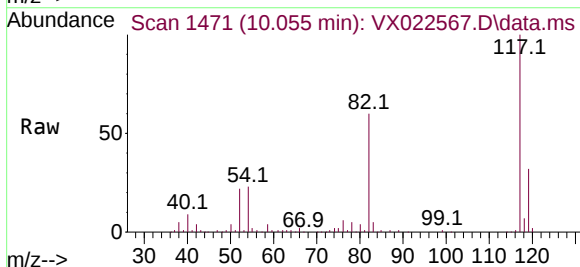
Instrument :
MSVOA_X
ClientSampled :

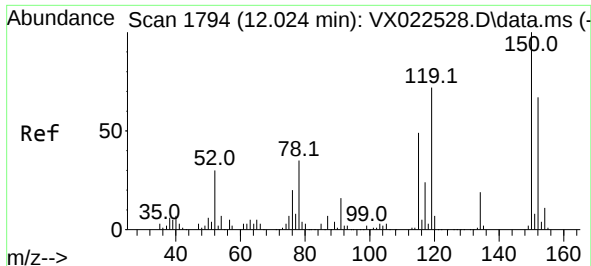
Tgt Ion: 95 Resp: 55804
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 60.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 117 Resp: 117686
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.8 26.6 39.8

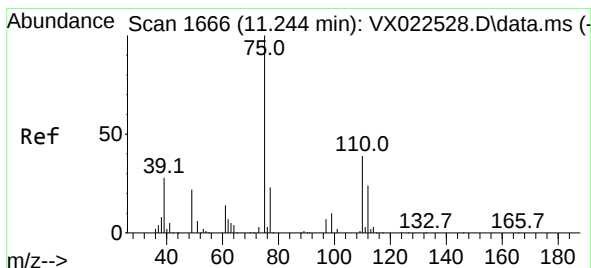
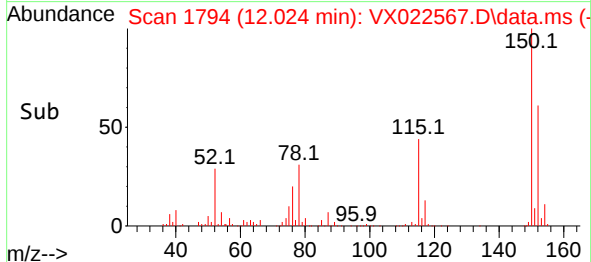
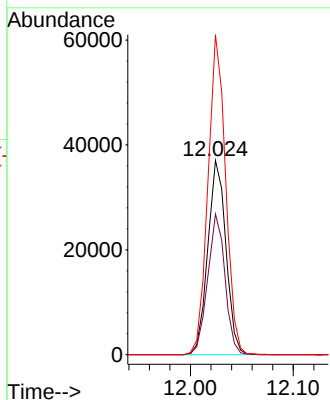
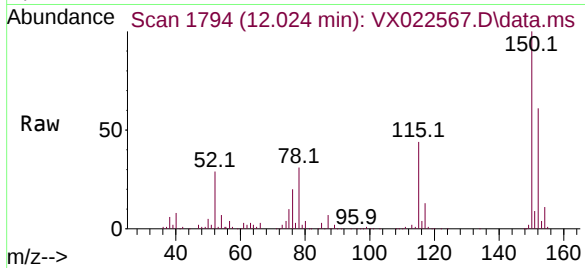




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022567.D
 Acq: 08 Jun 2021 16:31

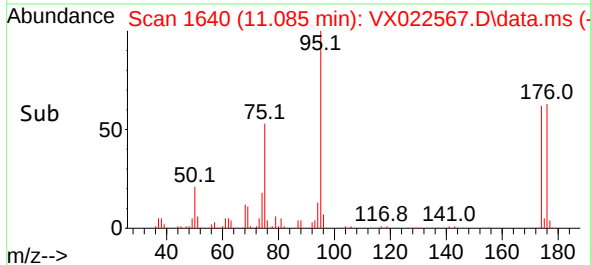
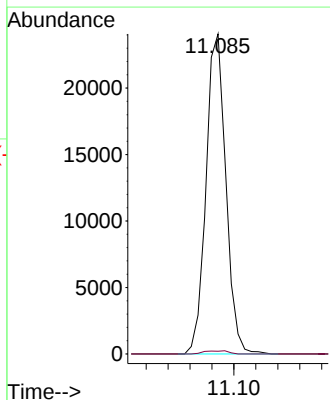
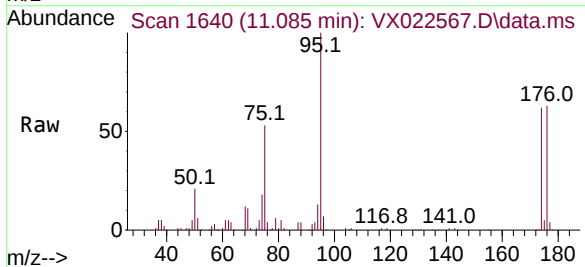
Instrument :
 MSVOA_X
 ClientSampled :

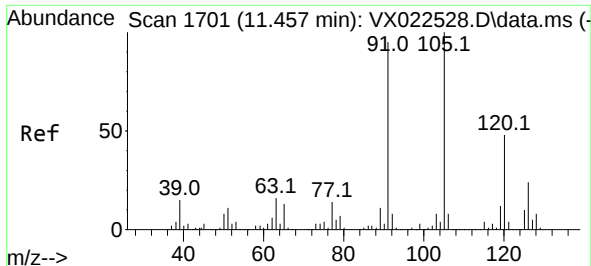
Tgt Ion:152 Resp: 45415
 Ion Ratio Lower Upper
 152 100
 115 69.3 41.1 123.3
 150 159.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.685 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022567.D
 Acq: 08 Jun 2021 16:31

Tgt Ion: 75 Resp: 30219
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

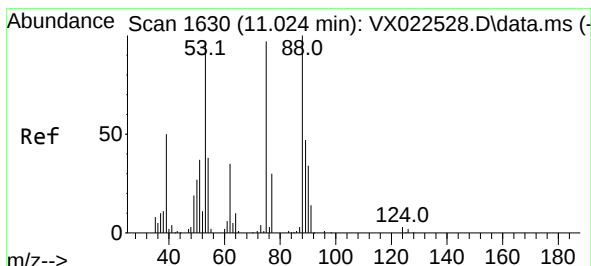
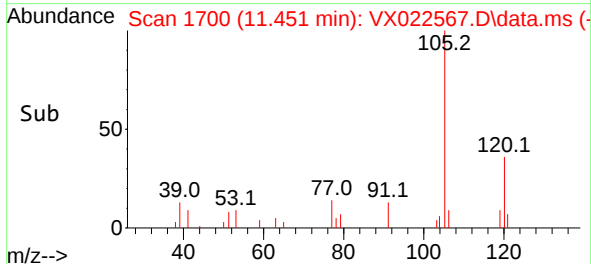
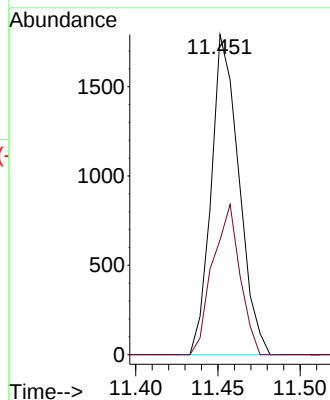
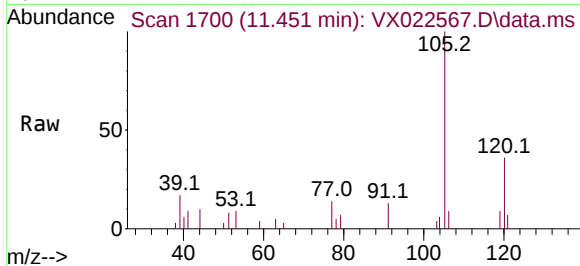




#80
1,3,5-Trimethylbenzene
Concen: 0.664 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2100
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.402 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022567.D
Acq: 08 Jun 2021 16:31

Tgt Ion: 75 Resp: 30219
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

