

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022565.D
 Acq On : 08 Jun 2021 15:44
 Operator : JC/MD
 Sample : PB136878ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:00:31 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

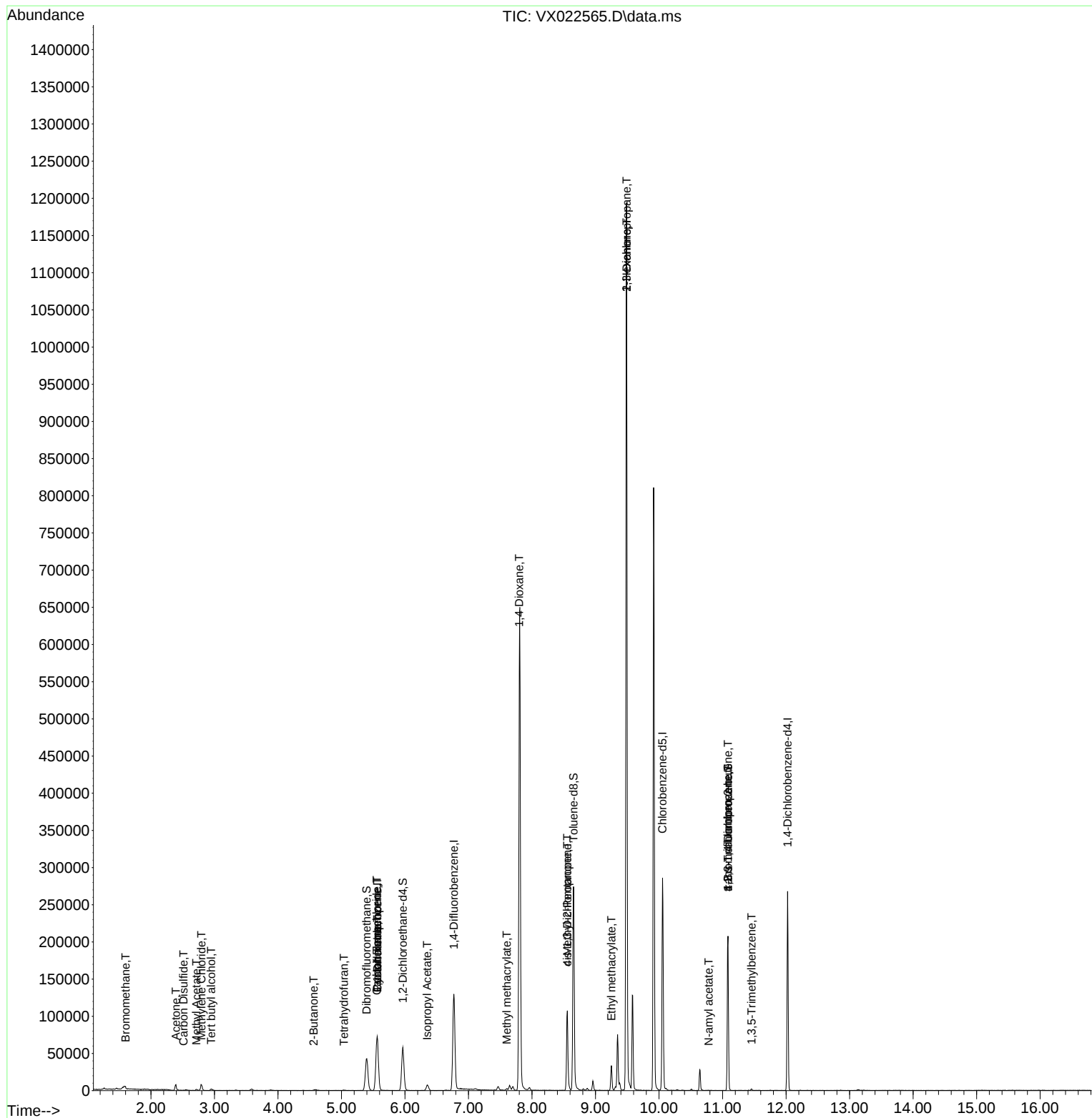
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	62249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	127447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52590	47.523	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.040%
35) Dibromofluoromethane	5.397	113	37373	46.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.653	98	159198	50.037	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.085	95	57367	48.509	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.020%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	240	0.534	ug/l #	45
11) Tert butyl alcohol	2.947	59	1245	5.016	ug/l #	73
16) Acetone	2.392	43	8246	16.583	ug/l #	82
17) Carbon Disulfide	2.514	76	47	3.406	ug/l #	75
18) Methyl Acetate	2.715	43	1708	1.246	ug/l	95
20) Methylene Chloride	2.794	84	3396	3.271	ug/l	94
25) 2-Butanone	4.562	43	1668	2.030	ug/l #	45
29) Tetrahydrofuran	5.038	42	461	0.956	ug/l #	40
31) Cyclohexane	5.562	56	1781	1.361	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5676	4.604	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7354	8.236	ug/l #	17
43) Isopropyl Acetate	6.348	43	10107	3.940	ug/l	95
48) Methyl methacrylate	7.604	41	3422	2.867	ug/l #	10
49) 1,4-Dioxane	7.799	88	40	1.657	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	37166	23.256	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	16954	12.147	ug/l #	65
56) Ethyl methacrylate	9.250	69	49	2.728	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	10200	6.060	ug/l #	42
59) 2-Hexanone	9.488	43	139326	114.121	ug/l #	44
74) N-amyl acetate	10.781	43	467	0.233	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31147	26.277	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1142	0.358	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	31147	64.729	ug/l #	12

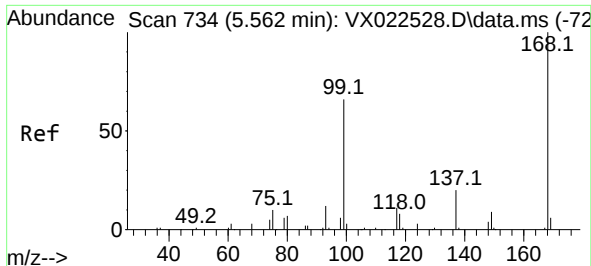
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

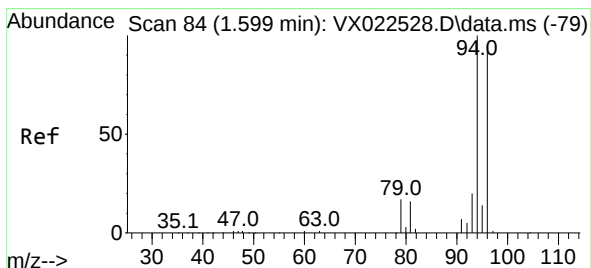
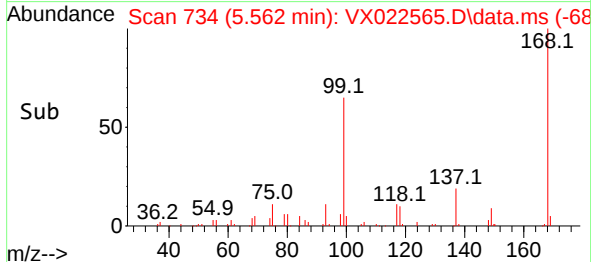
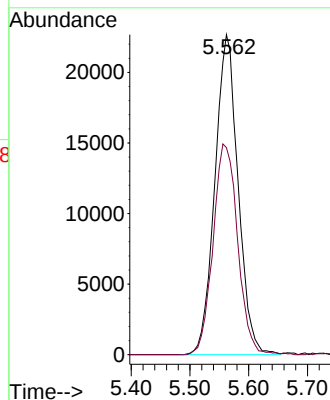
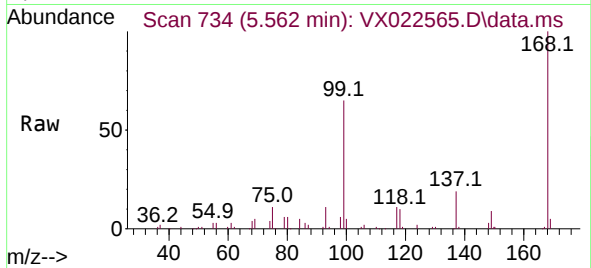




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

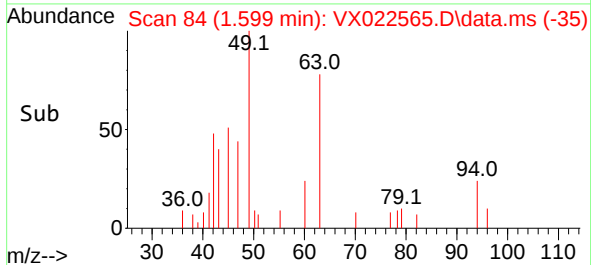
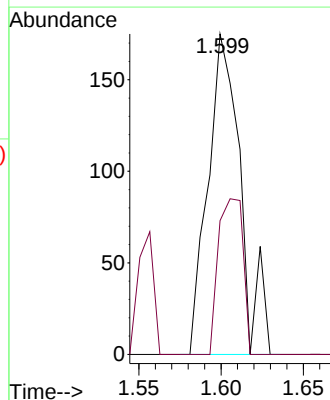
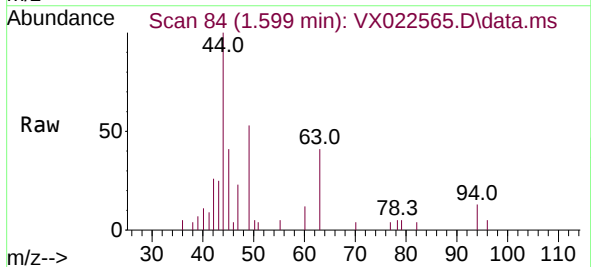
Instrument :
MSVOA_X
ClientSampled :

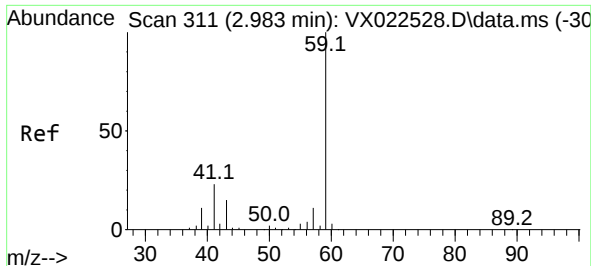
Tgt Ion:168 Resp: 62249
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.6



#5
Bromomethane
Concen: 0.534 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 94 Resp: 240
Ion Ratio Lower Upper
94 100
96 41.7 76.4 114.6#



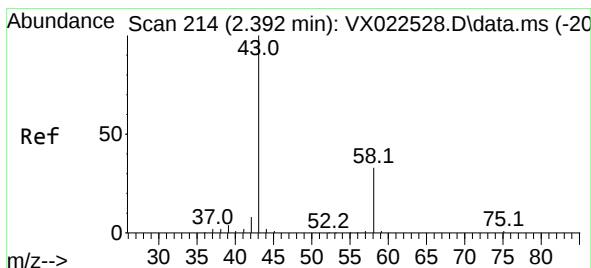
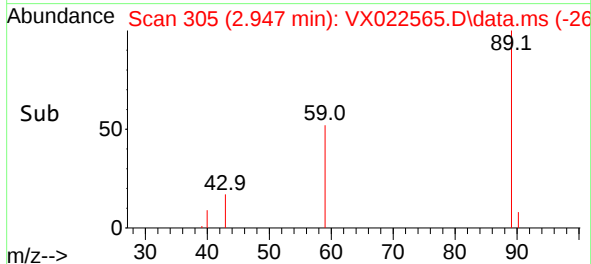
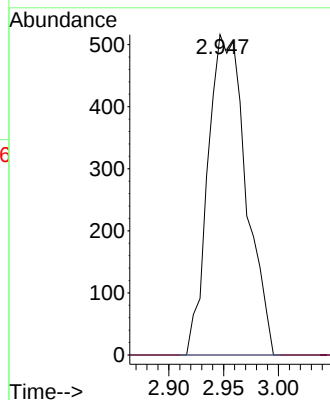
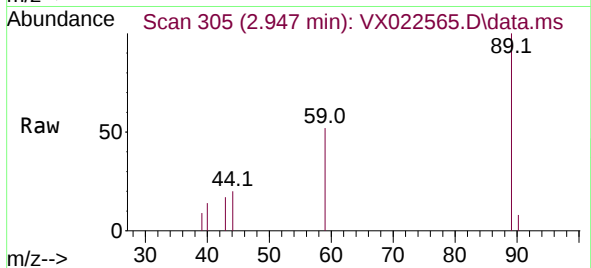


#11

Tert butyl alcohol
Concen: 5.016 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Instrument :
MSVOA_X
ClientSampled :

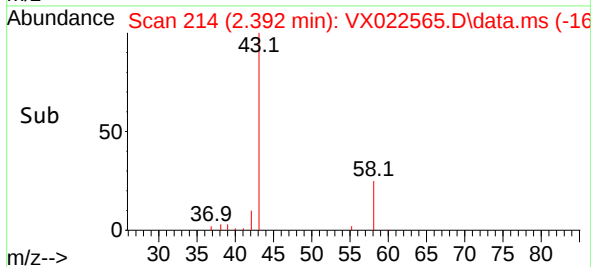
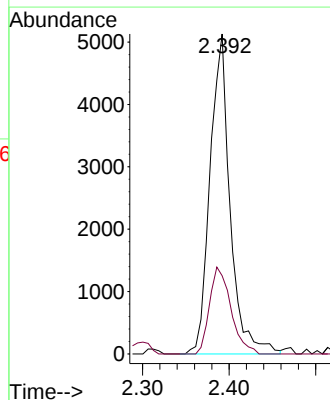
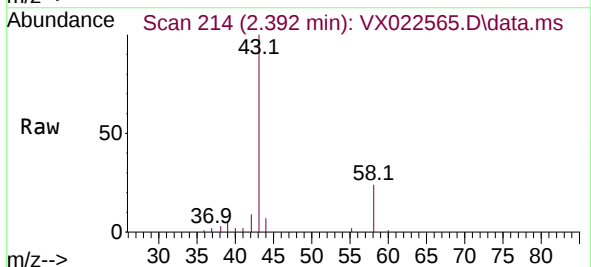
Tgt Ion: 59 Resp: 1245
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

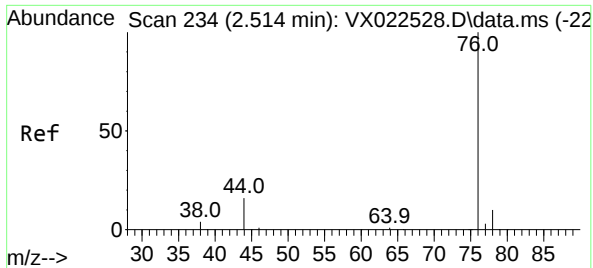


#16

Acetone
Concen: 16.583 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 43 Resp: 8246
Ion Ratio Lower Upper
43 100
58 24.5 27.8 41.8#

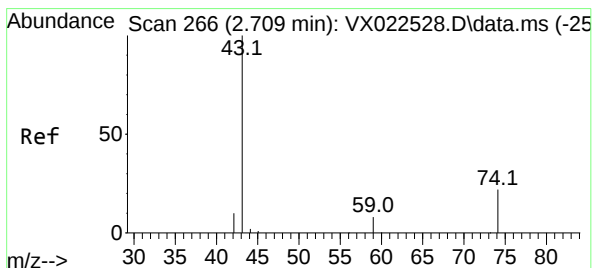
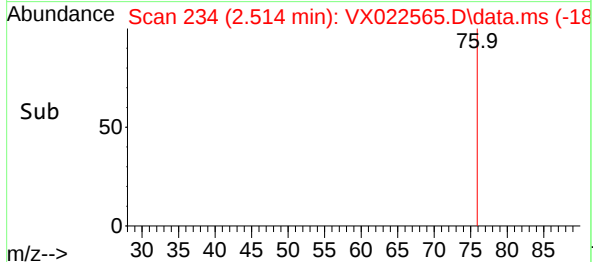
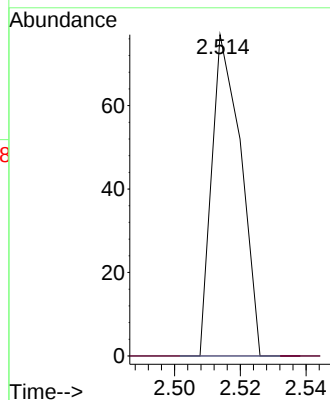
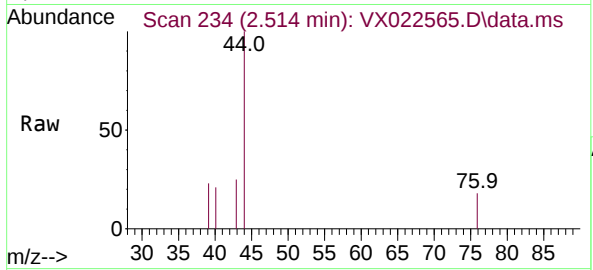




#17
Carbon Disulfide
Concen: 3.406 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

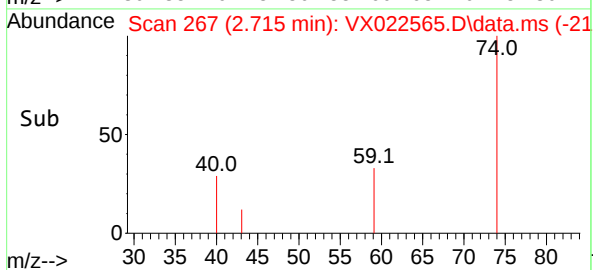
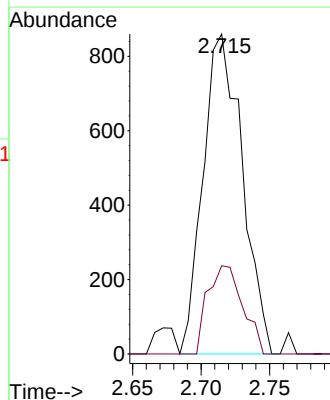
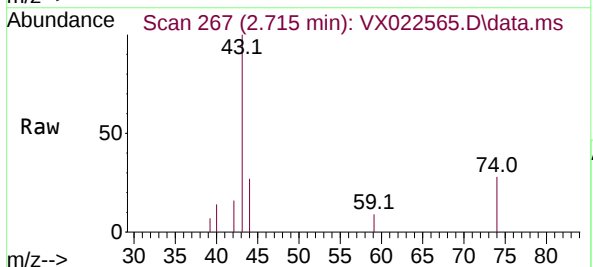
Instrument :
MSVOA_X
ClientSampled :

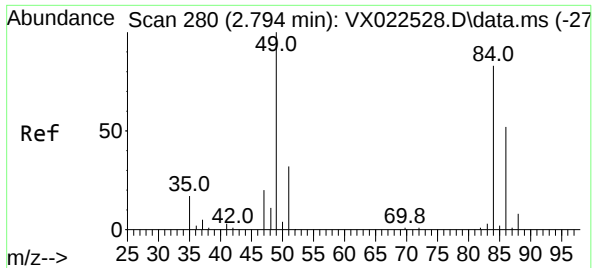
Tgt Ion: 76 Resp: 47
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.246 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
74 24.7 21.9 32.9

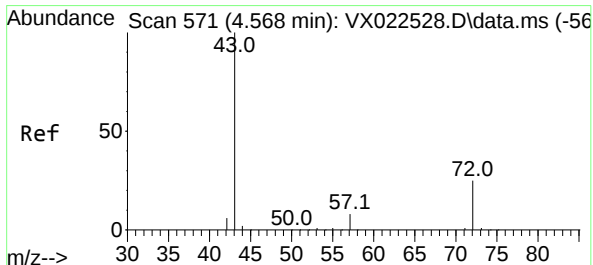
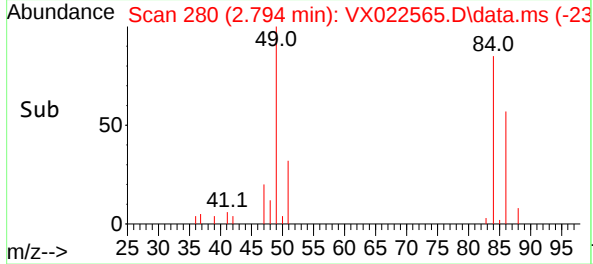
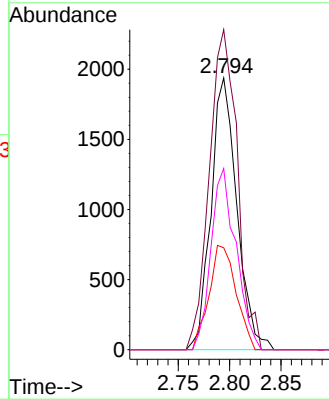
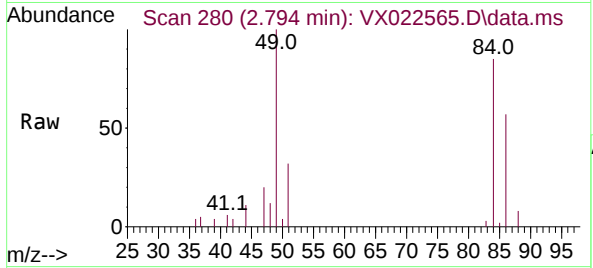




#20
Methylene Chloride
Concen: 3.271 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

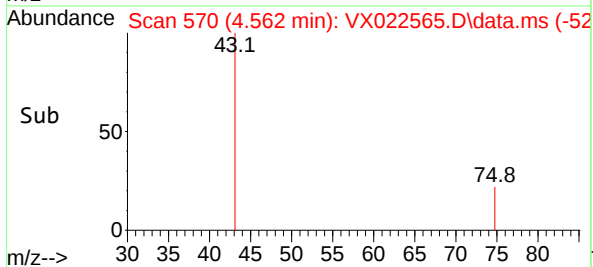
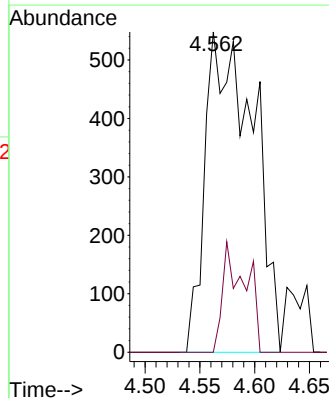
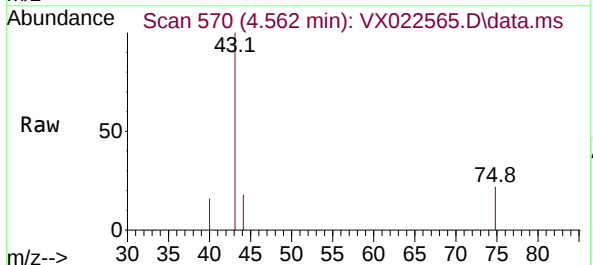
Instrument :
MSVOA_X
ClientSampled :

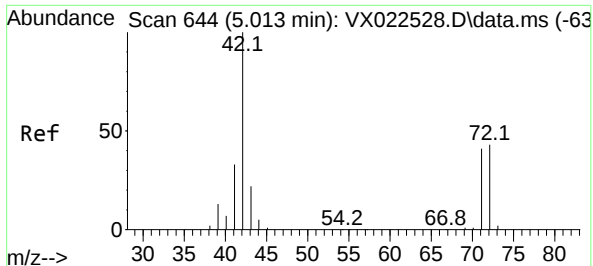
Tgt Ion:	84	Resp:	3396
Ion	Ratio	Lower	Upper
84	100		
49	117.8	88.6	132.8
51	37.5	27.0	40.6
86	66.7	50.3	75.5



#25
2-Butanone
Concen: 2.030 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion:	43	Resp:	1668
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.956 ug/l

RT: 5.038 min Scan# 648

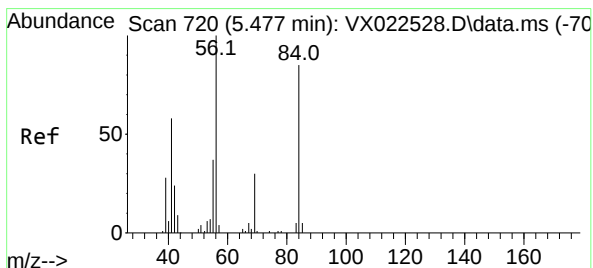
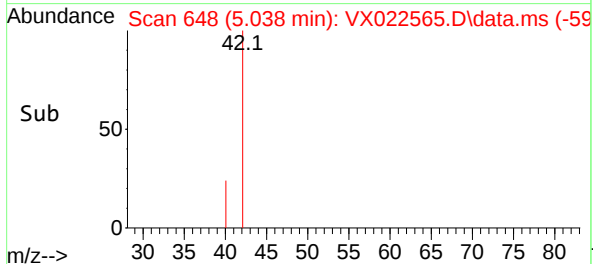
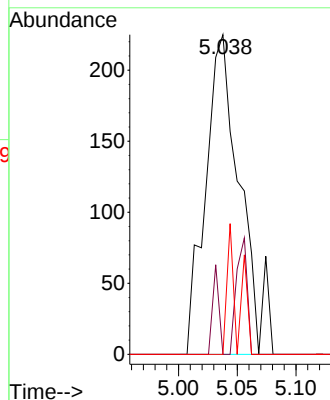
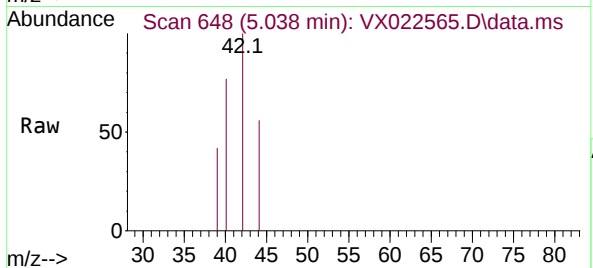
Delta R.T. 0.025 min

Lab File: VX022565.D

Acq: 08 Jun 2021 15:44

Tgt Ion:	42	Resp:	461
Ion	Ratio	Lower	Upper
42	100		
72	5.0	41.7	62.5#
71	12.8	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.361 ug/l

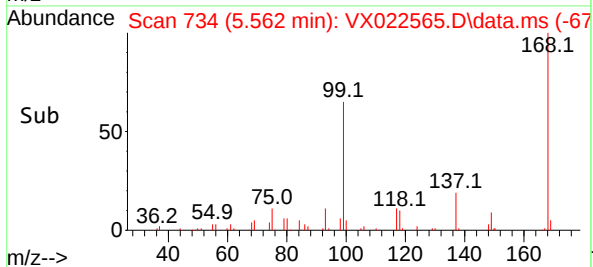
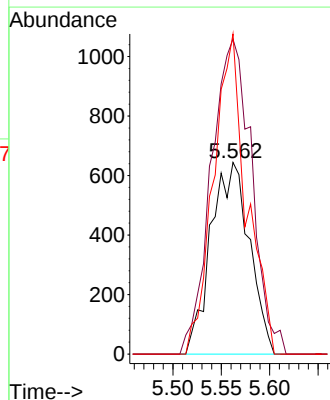
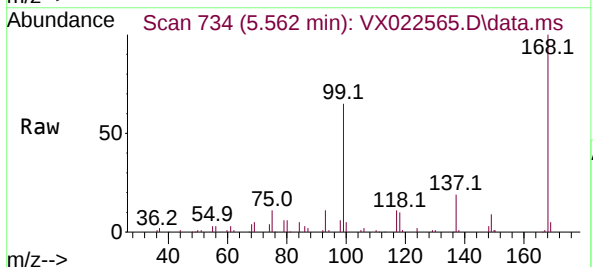
RT: 5.562 min Scan# 734

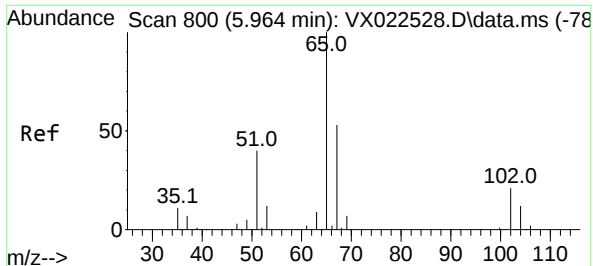
Delta R.T. 0.085 min

Lab File: VX022565.D

Acq: 08 Jun 2021 15:44

Tgt Ion:	56	Resp:	1781
Ion	Ratio	Lower	Upper
56	100		
69	164.3	25.3	37.9#
84	167.1	71.4	107.0#



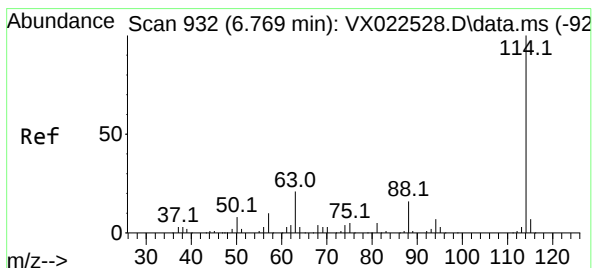
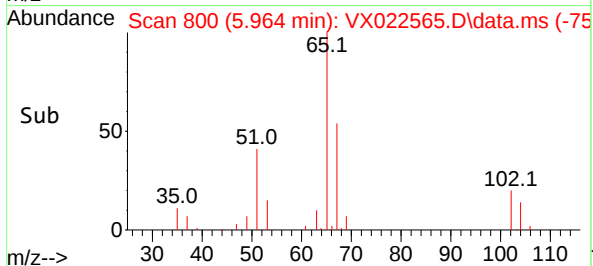
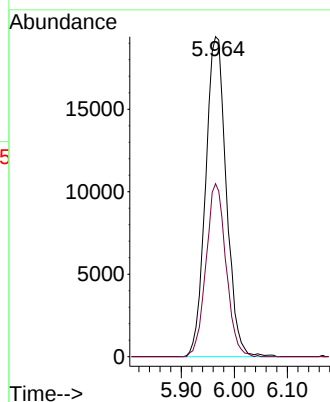
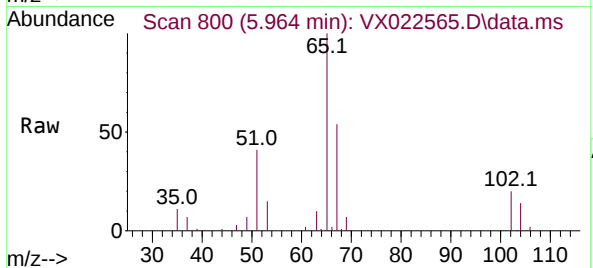


#33

1,2-Dichloroethane-d4
Concen: 47.523 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Instrument :
MSVOA_X
ClientSampled :

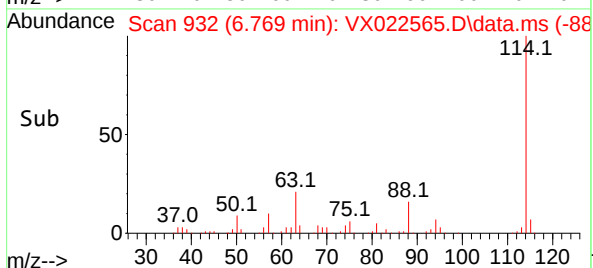
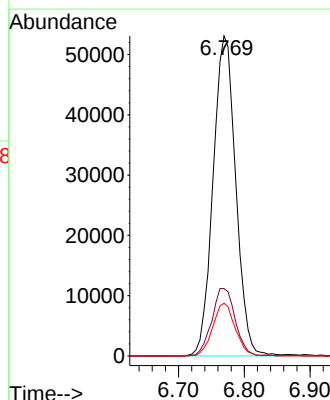
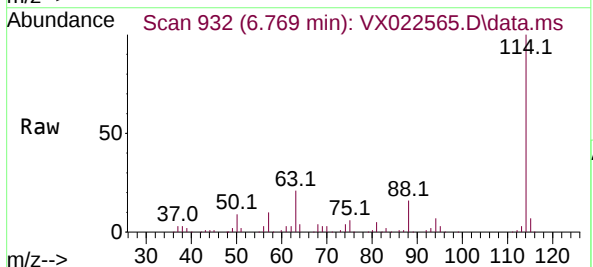
Tgt Ion: 65 Resp: 52590
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

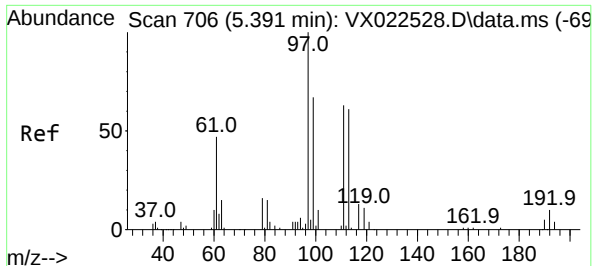


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 114 Resp: 127447
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.869 ug/l

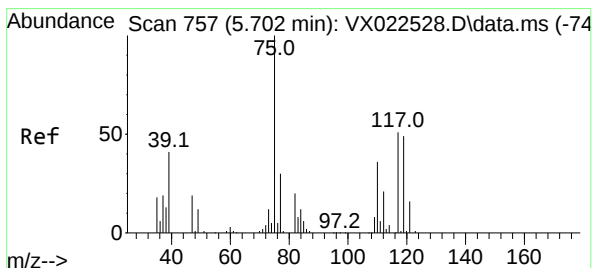
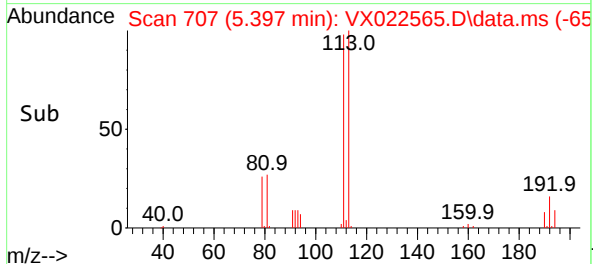
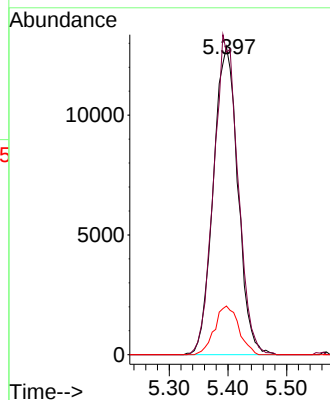
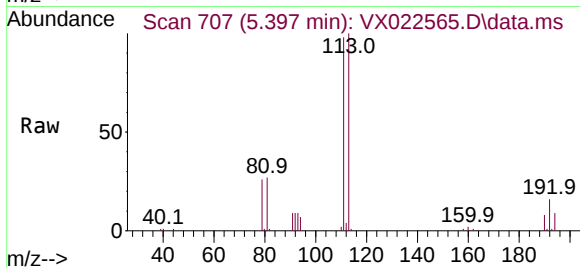
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022565.D

Acq: 08 Jun 2021 15:44

Tgt Ion:	113	Resp:	37373
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	15.5	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.604 ug/l

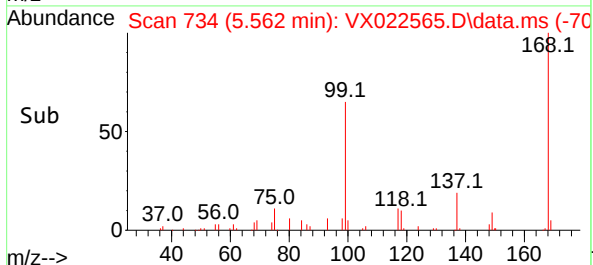
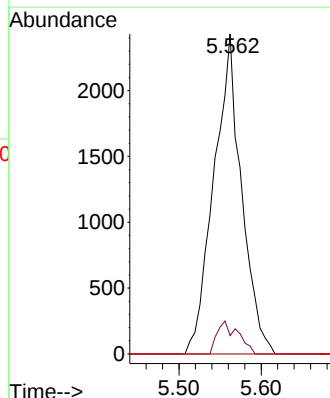
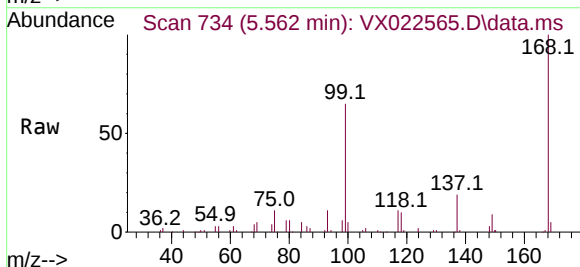
RT: 5.562 min Scan# 734

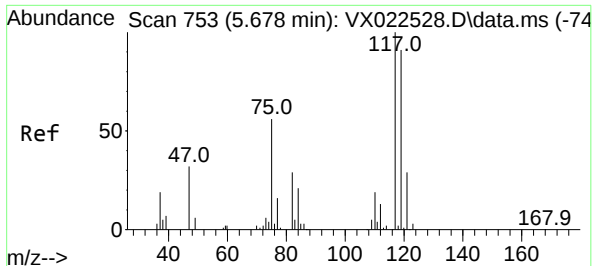
Delta R.T. -0.140 min

Lab File: VX022565.D

Acq: 08 Jun 2021 15:44

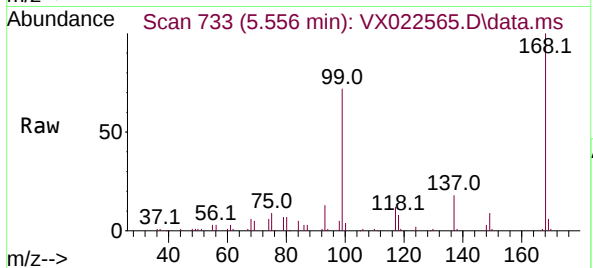
Tgt Ion:	75	Resp:	5676
Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.1	54.4#
77	0.0	25.3	37.9#



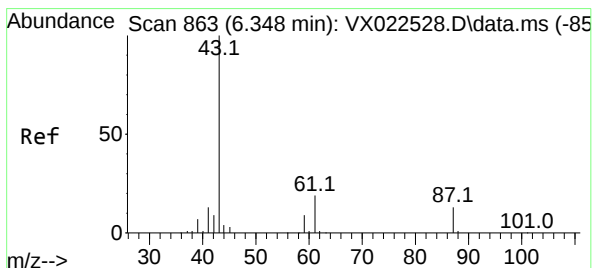
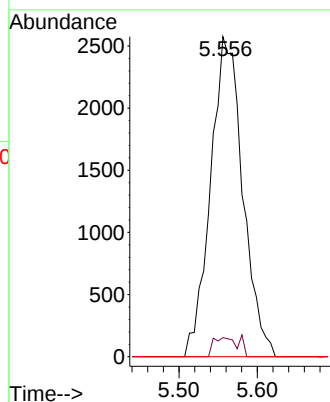
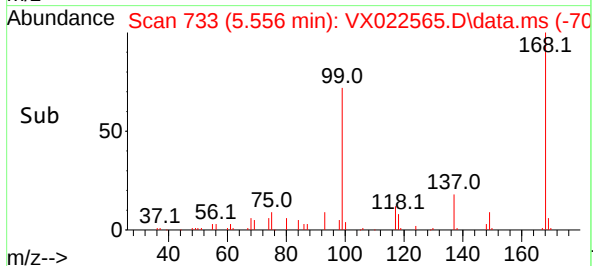


#38
Carbon Tetrachloride
Concen: 8.236 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

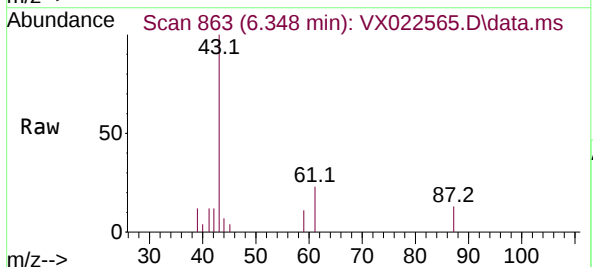
Instrument :
MSVOA_X
ClientSampleId :



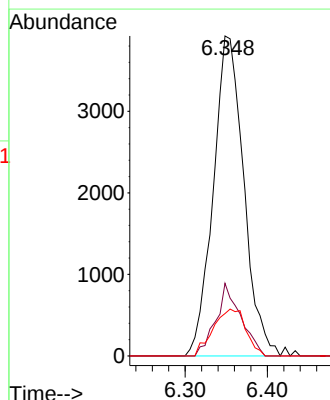
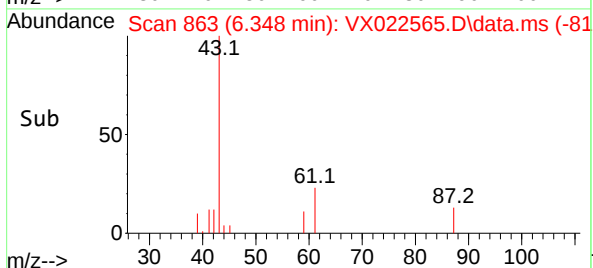
Tgt Ion:117 Resp: 7354
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

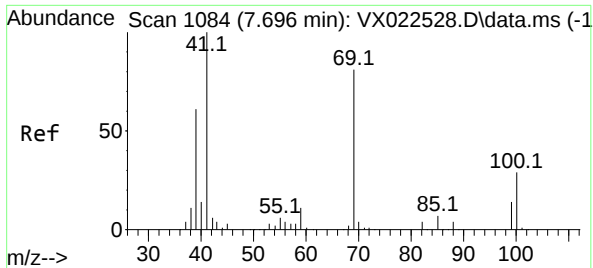


#43
Isopropyl Acetate
Concen: 3.940 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44



Tgt Ion: 43 Resp: 10107
Ion Ratio Lower Upper
43 100
61 18.5 18.2 27.4
87 15.7 12.5 18.7

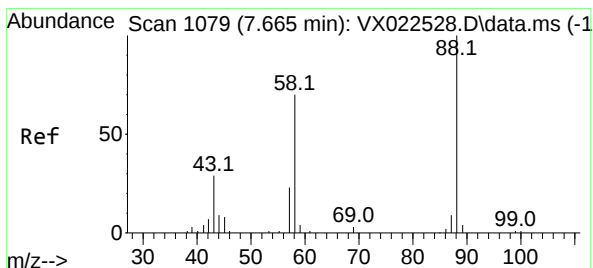
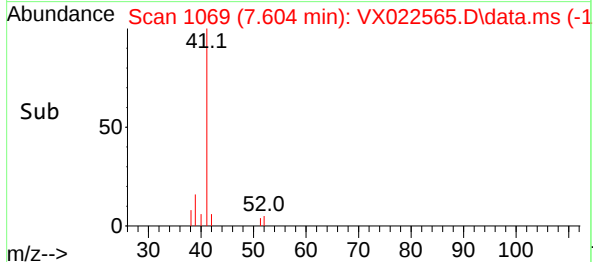
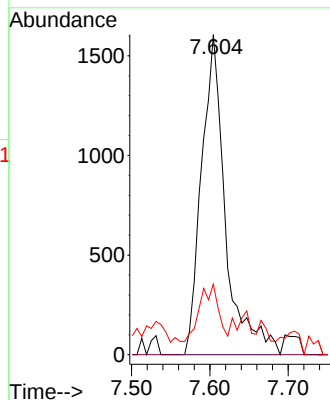
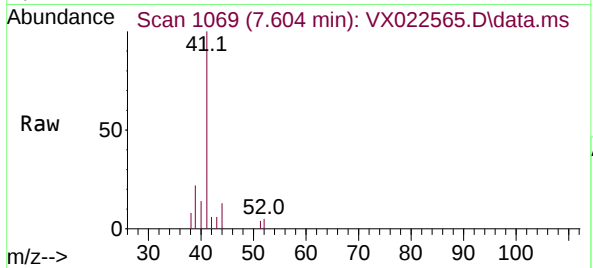




#48
Methyl methacrylate
Concen: 2.867 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

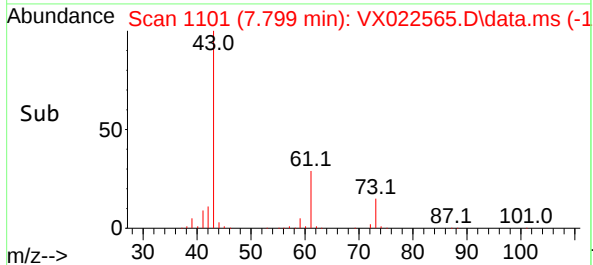
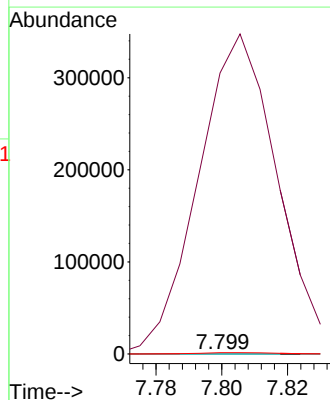
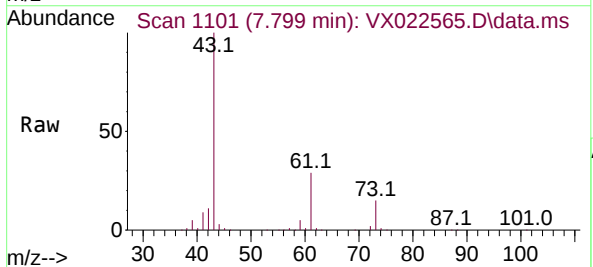
Instrument :
MSVOA_X
ClientSampleId :

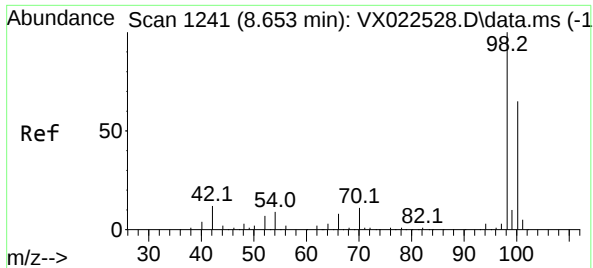
Tgt Ion: 41 Resp: 3422
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 1.657 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 1477570.0 23.2 34.8#
58 6130.0 55.0 82.4#

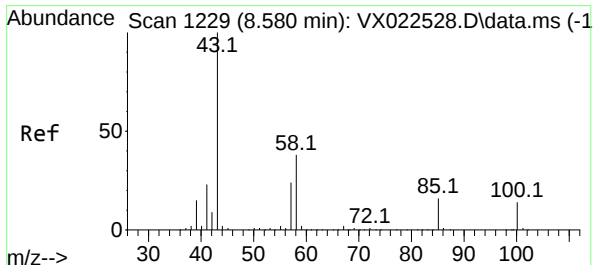
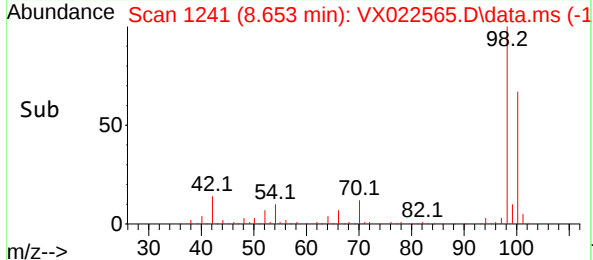
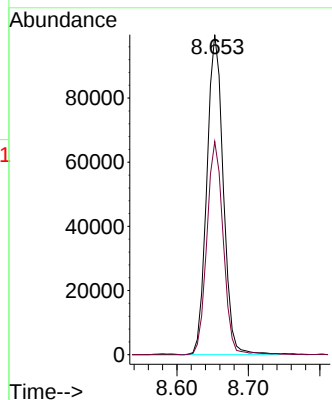
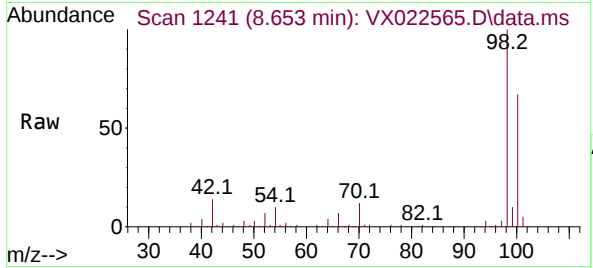




#50
Toluene-d8
Concen: 50.037 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

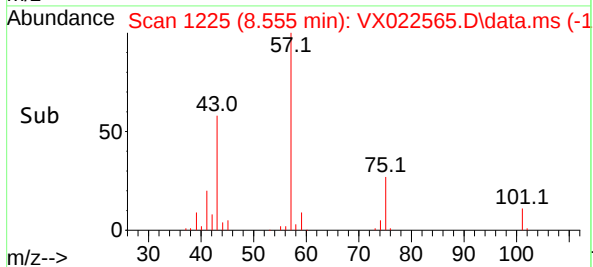
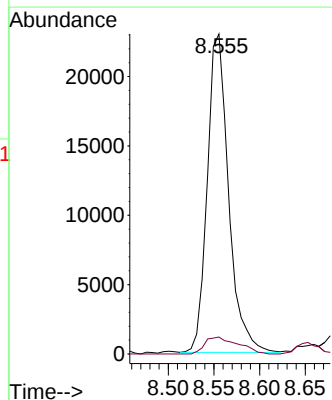
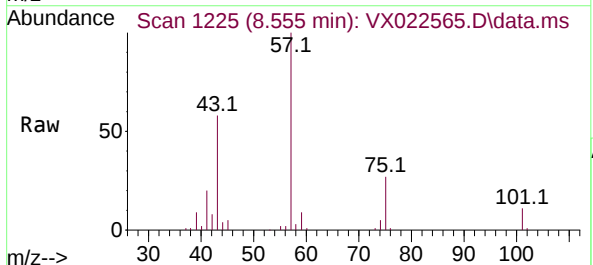
Instrument :
MSVOA_X
ClientSampled :

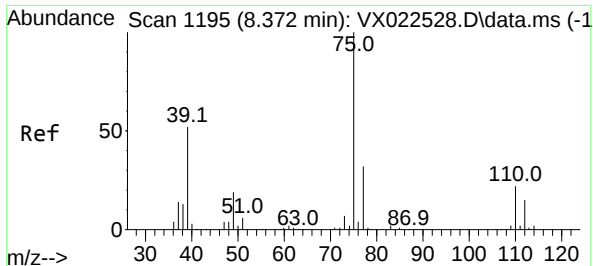
Tgt Ion: 98 Resp: 159198
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 23.256 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 43 Resp: 37166
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#

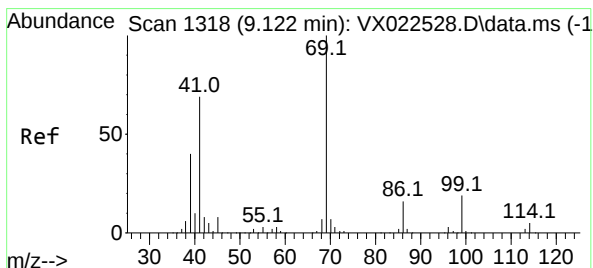
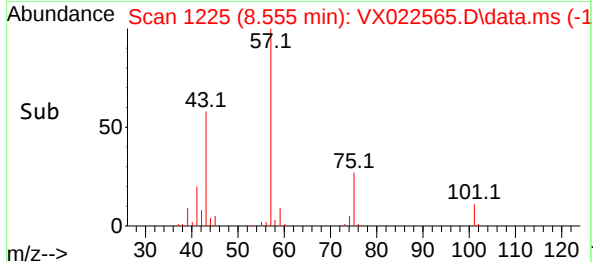
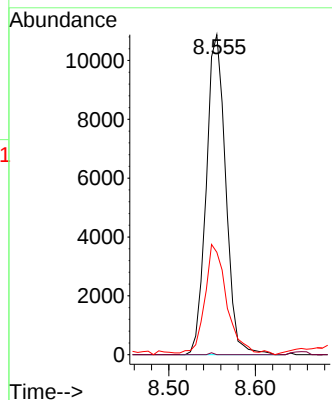
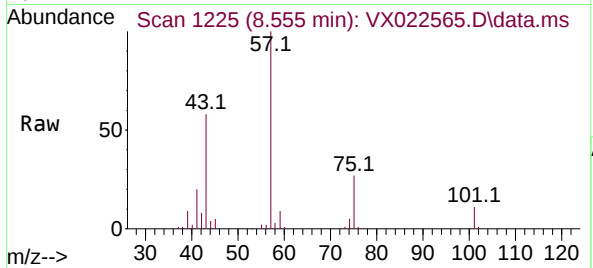




#54
cis-1,3-Dichloropropene
Concen: 12.147 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

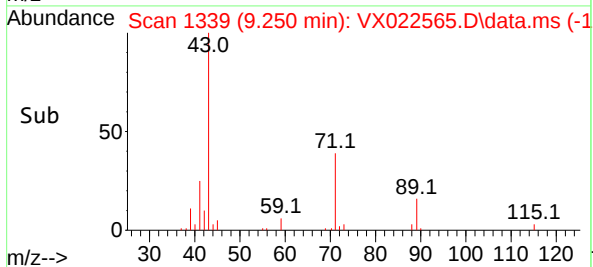
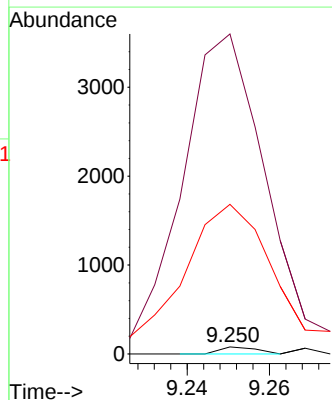
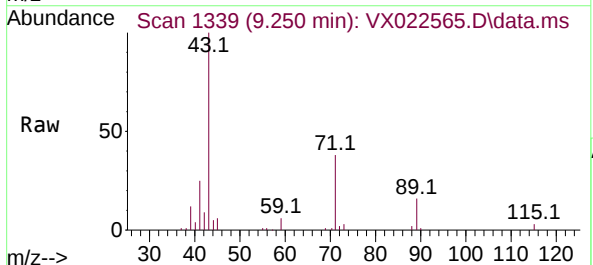
Instrument :
MSVOA_X
ClientSampled :

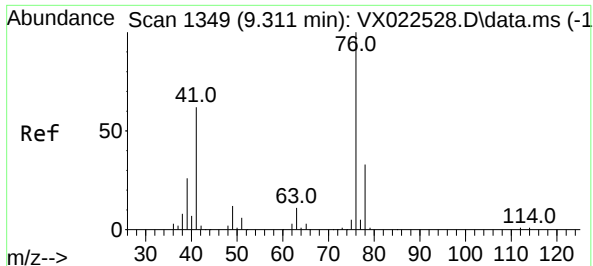
Tgt Ion: 75 Resp: 16954
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 31.5 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.728 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 69 Resp: 49
Ion Ratio Lower Upper
69 100
41 10783.7 46.8 70.2#
39 5528.6 24.7 37.1#



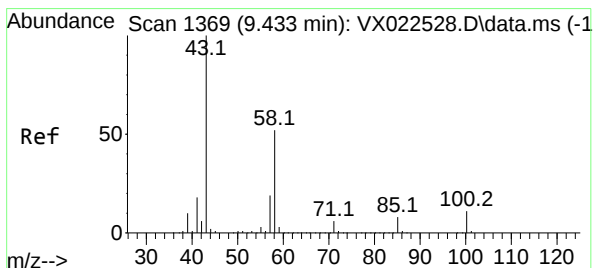
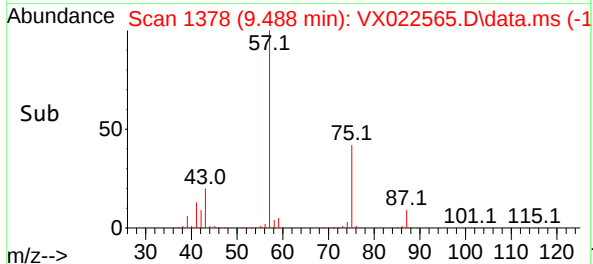
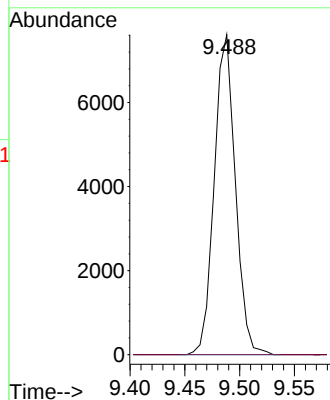
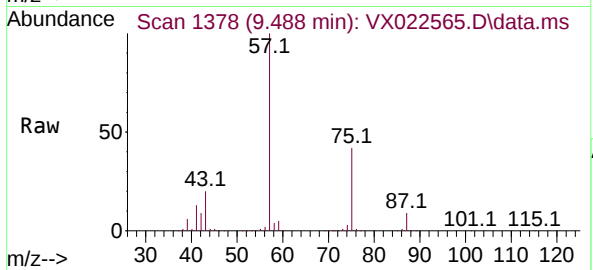


#57

1,3-Dichloropropane
Concen: 6.060 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Instrument :
MSVOA_X
ClientSampleId :

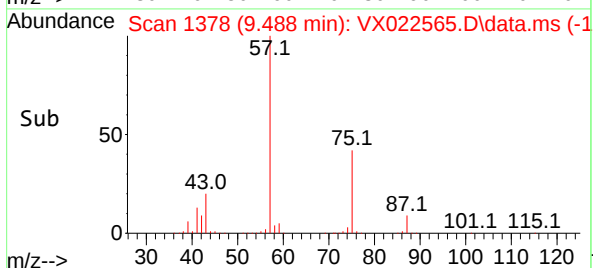
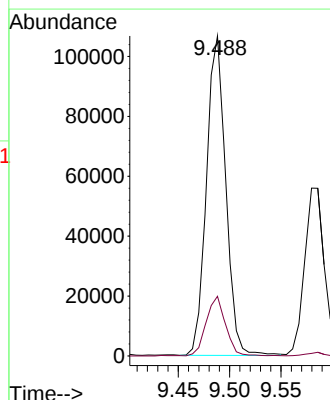
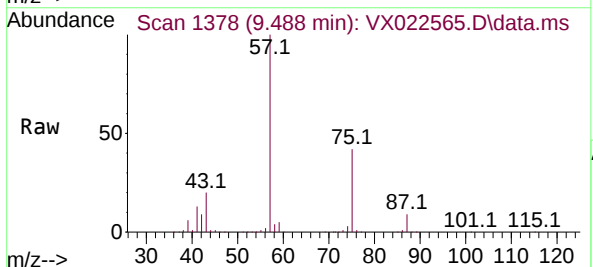
Tgt Ion: 76 Resp: 10200
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

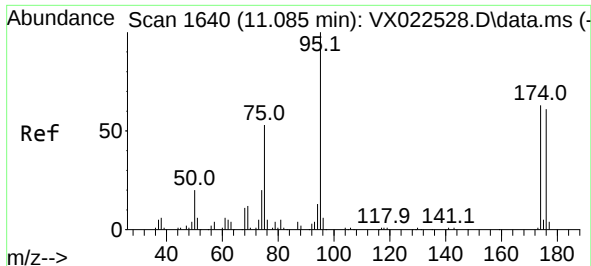


#59

2-Hexanone
Concen: 114.121 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 43 Resp: 139326
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#

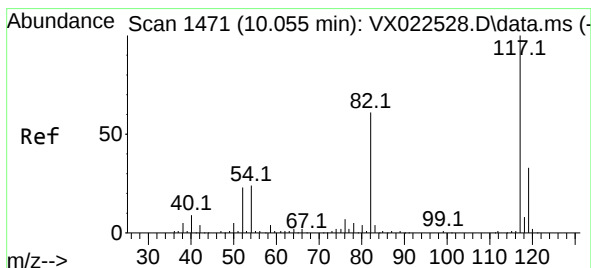
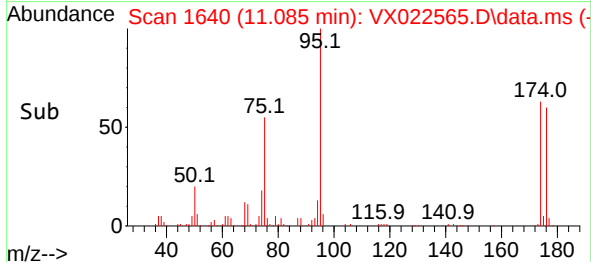
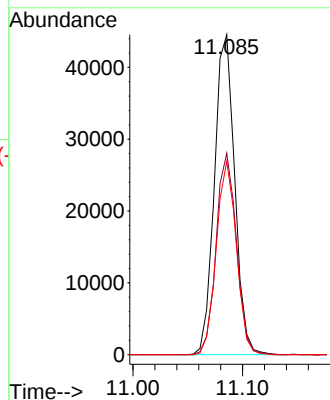
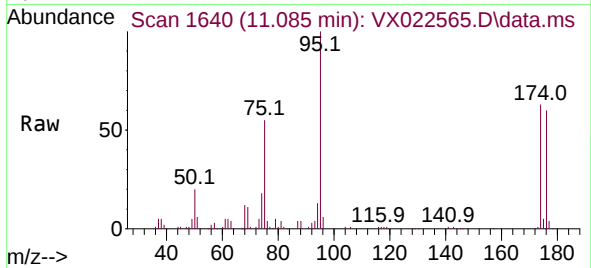




#62
4-Bromofluorobenzene
Concen: 48.509 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

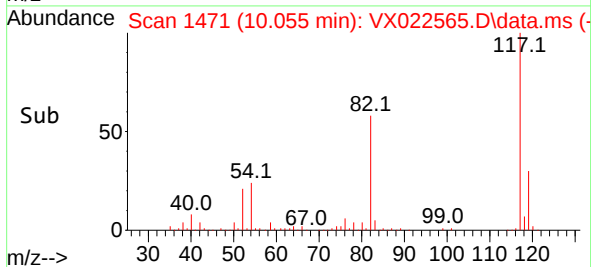
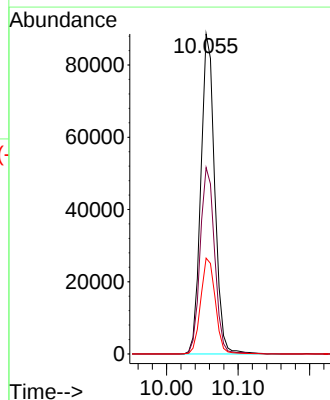
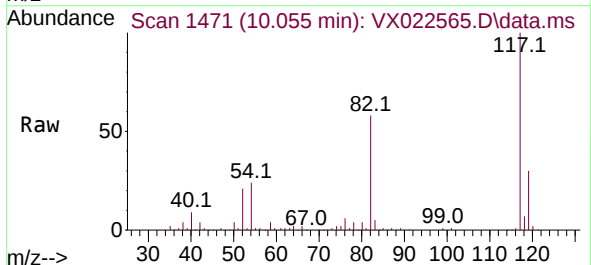
Instrument :
MSVOA_X
ClientSampleId :

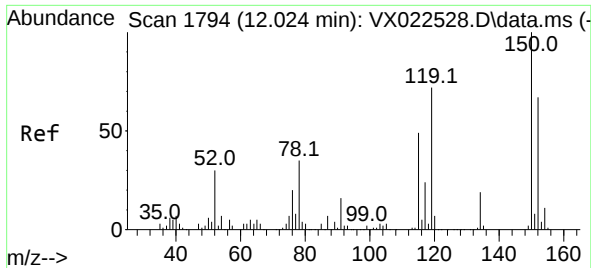
Tgt Ion: 95 Resp: 57367
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 59.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

Tgt Ion: 117 Resp: 119262
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 29.9 26.6 39.8

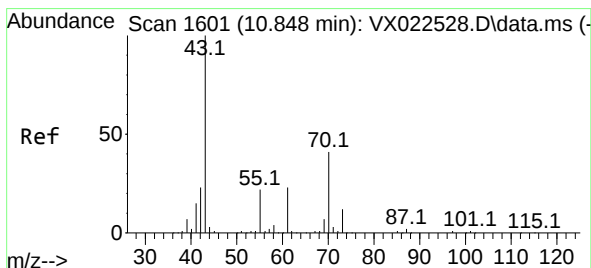
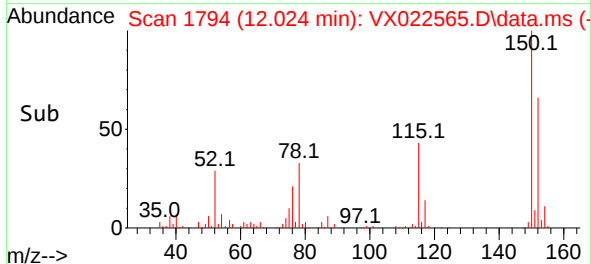
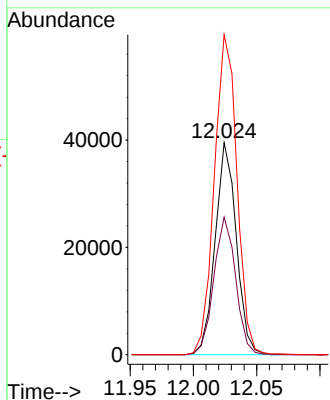
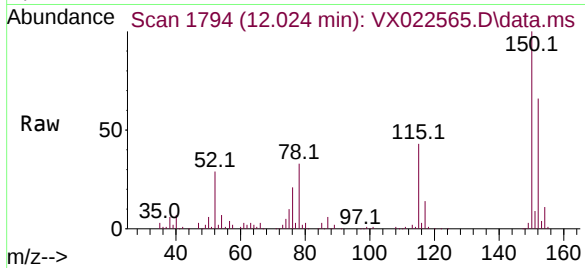




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022565.D
 Acq: 08 Jun 2021 15:44

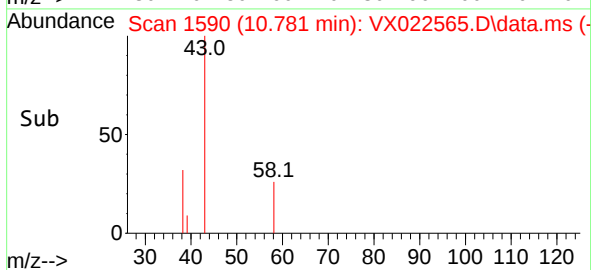
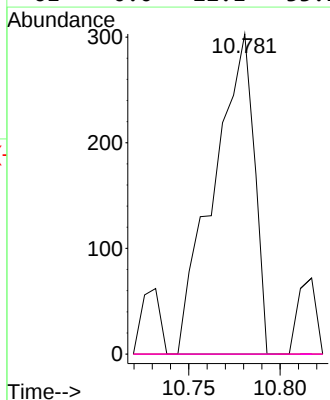
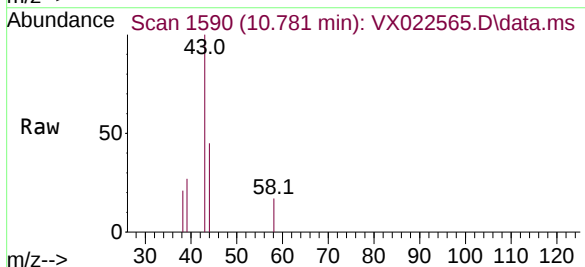
Instrument :
 MSVOA_X
 ClientSampled :

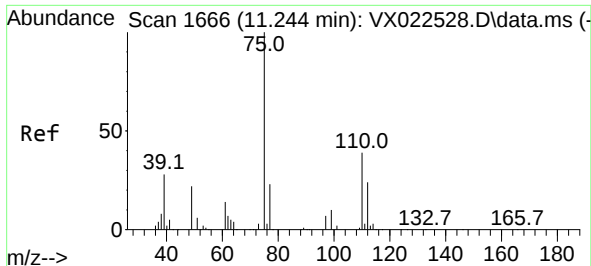
Tgt Ion:152 Resp: 45755
 Ion Ratio Lower Upper
 152 100
 115 67.3 41.1 123.3
 150 161.9 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.233 ug/l
 RT: 10.781 min Scan# 1590
 Delta R.T. -0.067 min
 Lab File: VX022565.D
 Acq: 08 Jun 2021 15:44

Tgt Ion: 43 Resp: 467
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 0.0 21.5 32.3#
 61 0.0 22.1 33.1#

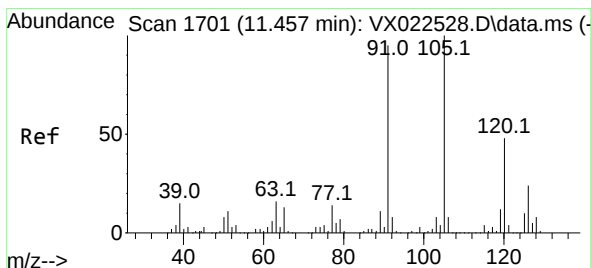
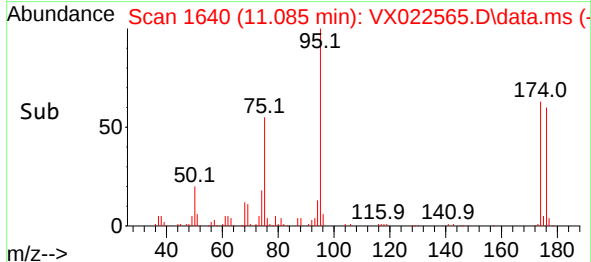
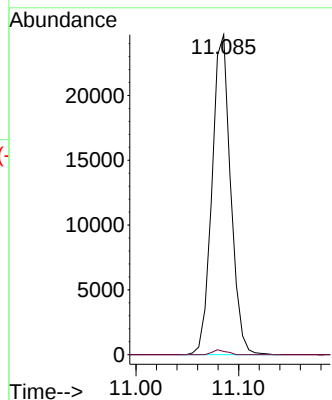
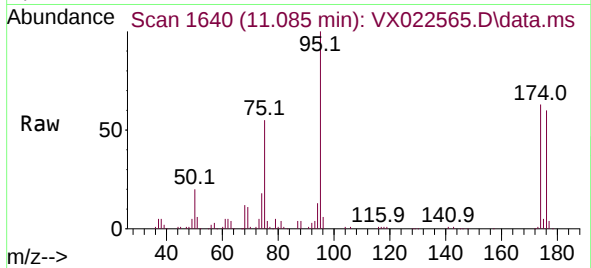




#76
1,2,3-Trichloropropane
Concen: 26.277 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

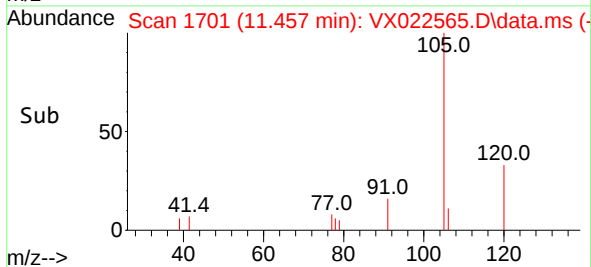
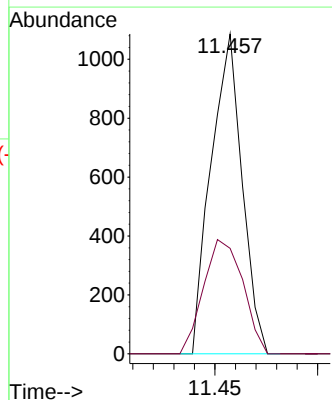
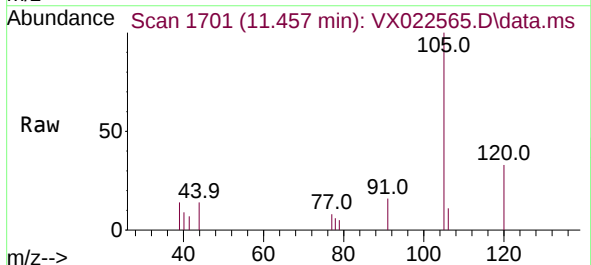
Instrument :
MSVOA_X
ClientSampled :

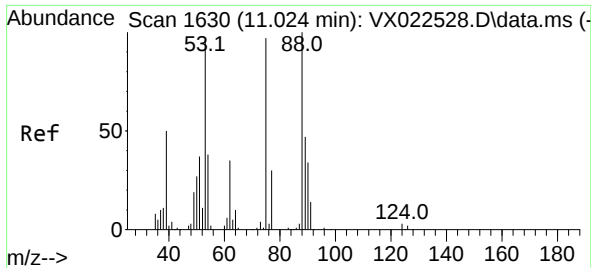
Tgt Ion: 75 Resp: 31147
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.358 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022565.D
Acq: 08 Jun 2021 15:44

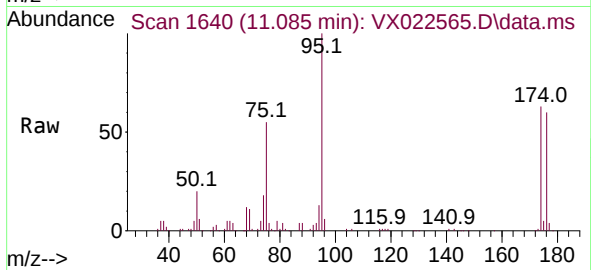
Tgt Ion: 105 Resp: 1142
Ion Ratio Lower Upper
105 100
120 45.3 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.729 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022565.D
 Acq: 08 Jun 2021 15:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31147
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

