

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022358.D
 Acq On : 03 Jun 2021 12:02
 Operator : JC/MD
 Sample : M2560-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 13:05:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

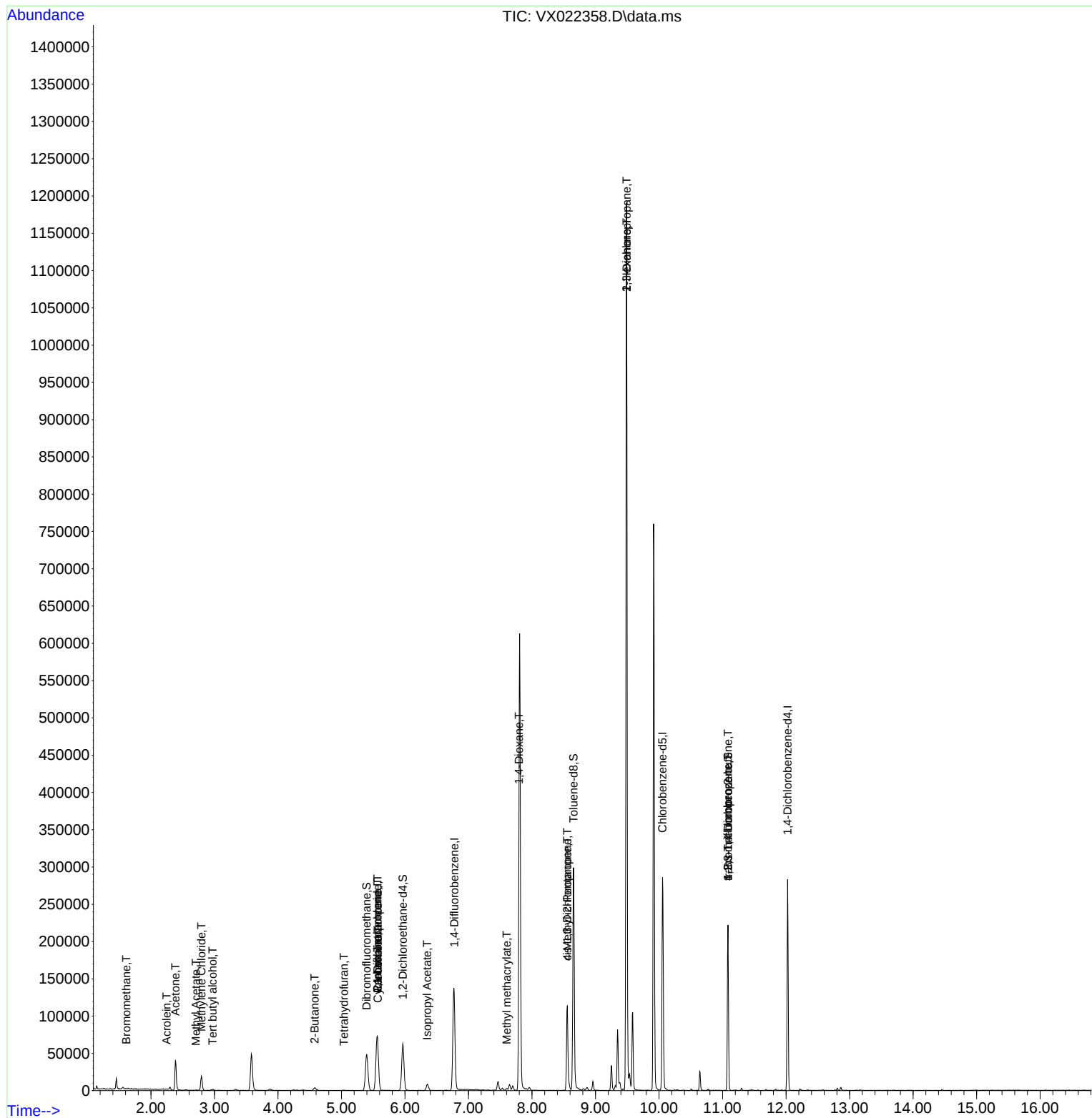
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	62989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	137535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55775	57.40	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.80%
35) Dibromofluoromethane	5.397	113	40999	47.01	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.02%
50) Toluene-d8	8.653	98	169137	50.34	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.68%
62) 4-Bromofluorobenzene	11.085	95	60033	48.34	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.68%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	395	0.78	ug/l #	49
11) Tert butyl alcohol	2.971	59	1823	8.20	ug/l #	84
13) Acrolein	2.245	56	93	0.63	ug/l #	1
16) Acetone	2.386	43	41260	97.52	ug/l	97
18) Methyl Acetate	2.709	43	910	0.81	ug/l #	81
20) Methylene Chloride	2.794	84	8130	8.65	ug/l	96
25) 2-Butanone	4.574	43	6055	8.85	ug/l #	81
29) Tetrahydrofuran	5.038	42	300	0.74	ug/l #	39
31) Cyclohexane	5.574	56	1839	1.51	ug/l #	57
36) 1,1-Dichloropropene	5.568	75	6204	4.88	ug/l #	47
38) Carbon Tetrachloride	5.568	117	7280	5.85	ug/l #	16
43) Isopropyl Acetate	6.348	43	11416	4.48	ug/l #	93
48) Methyl methacrylate	7.604	41	3661	3.12	ug/l #	10
49) 1,4-Dioxane	7.793	88	20	0.87	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	43728	28.63	ug/l #	48
54) cis-1,3-Dichloropropene	8.555	75	19057	11.33	ug/l #	62
57) 1,3-Dichloropropane	9.488	76	10192	5.93	ug/l #	42
59) 2-Hexanone	9.488	43	134221	116.83	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	30872	25.14	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	30872	59.57	ug/l #	12

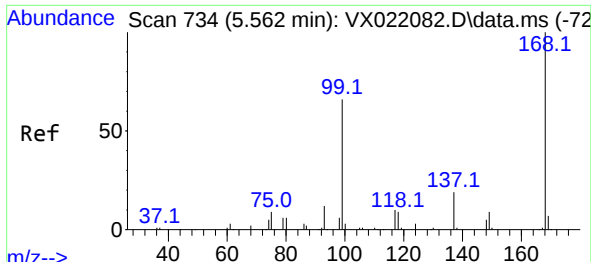
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Jun 03 13:05:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

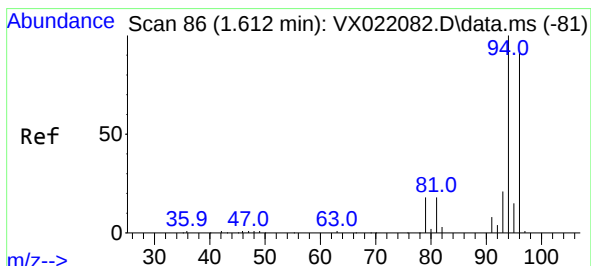
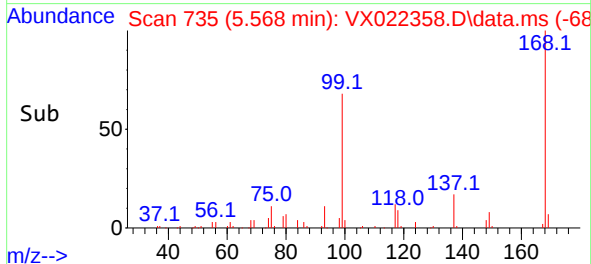
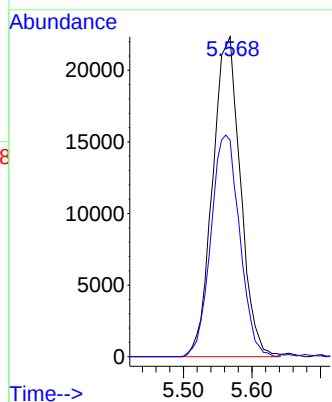
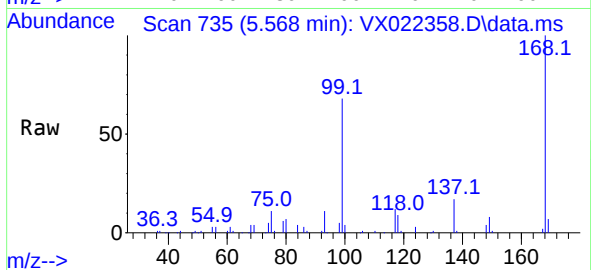




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

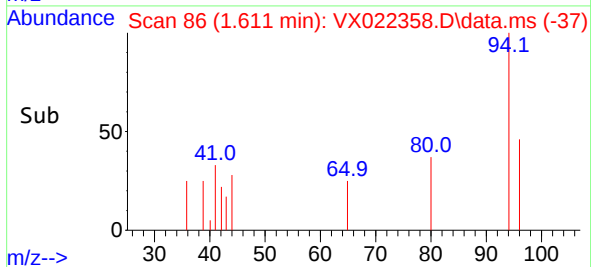
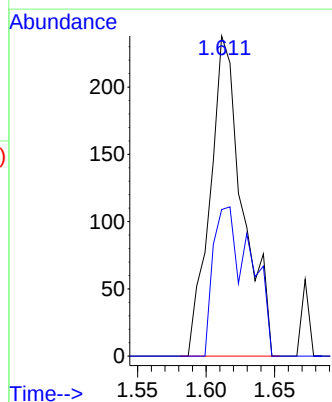
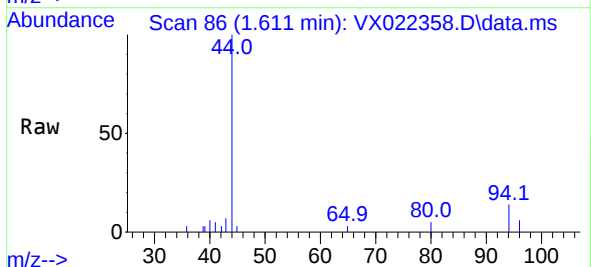
Instrument :
MSVOA_X
ClientSampled :

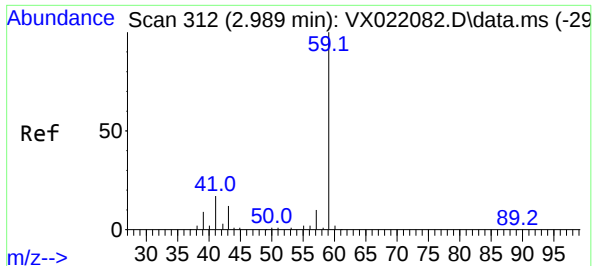
Tgt Ion:168 Resp: 62989
Ion Ratio Lower Upper
168 100
99 67.6 45.8 68.6



#5
Bromomethane
Concen: 0.78 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 45.8 76.4 114.6#

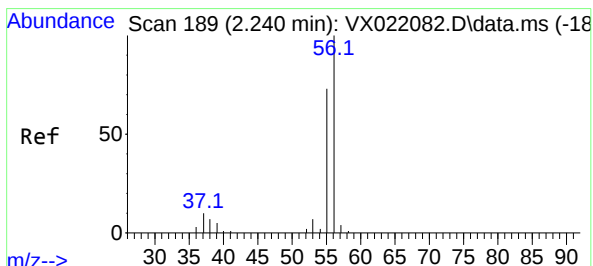
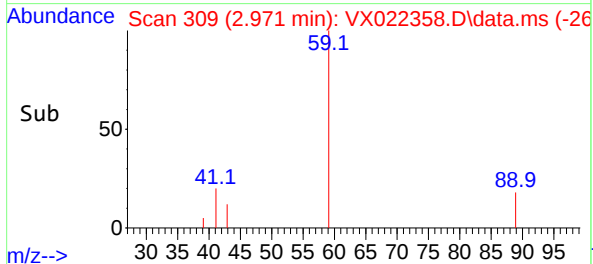
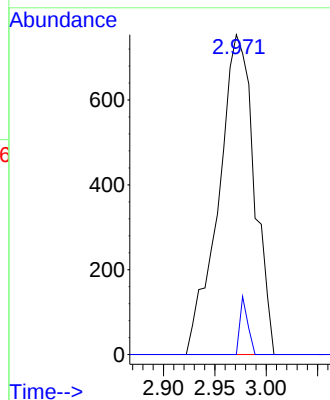
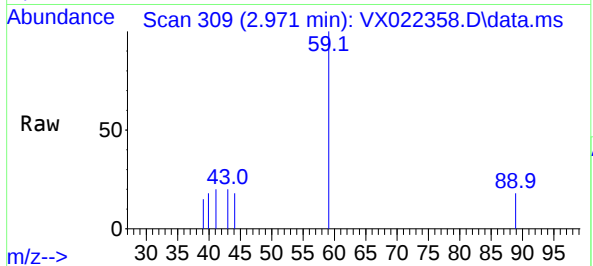




#11
Tert butyl alcohol
Concen: 8.20 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

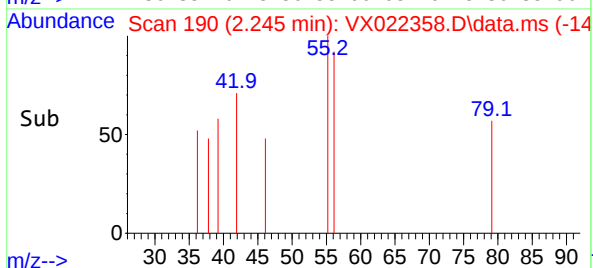
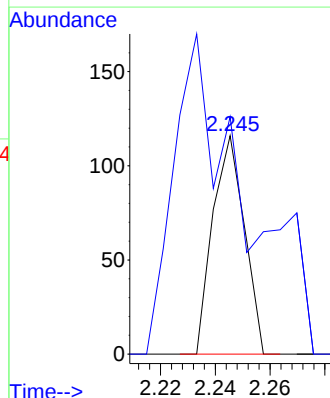
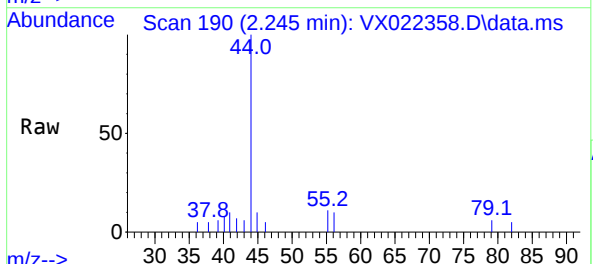
Instrument :
MSVOA_X
ClientSampled :

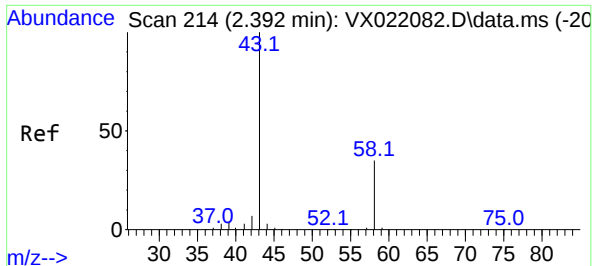
Tgt Ion: 59 Resp: 1823
Ion Ratio Lower Upper
59 100
57 3.9 7.8 11.8#



#13
Acrolein
Concen: 0.63 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 324.7 56.4 84.6#

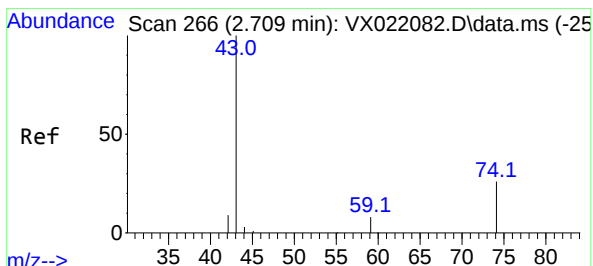
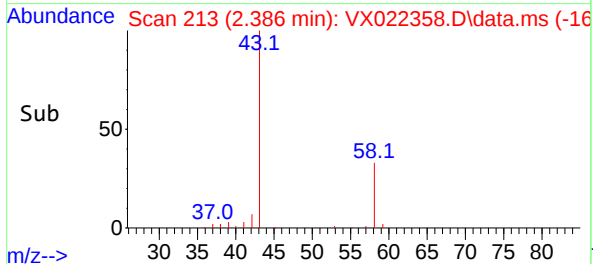
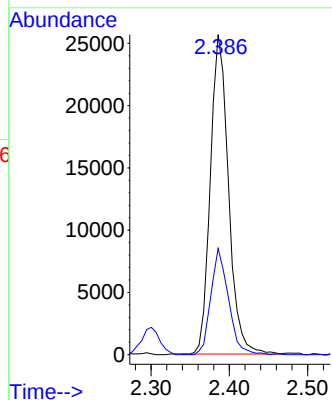
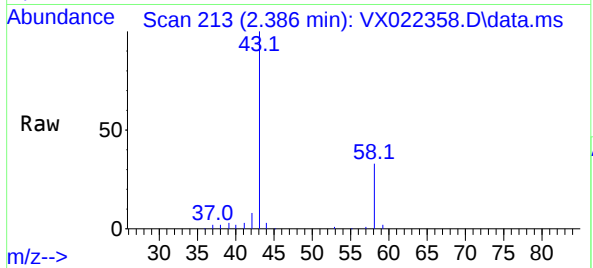




#16
Acetone
Concen: 97.52 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

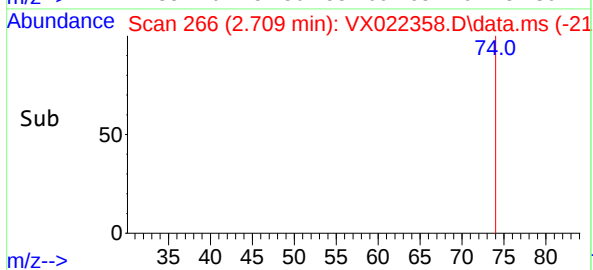
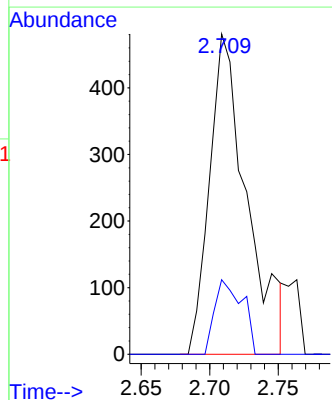
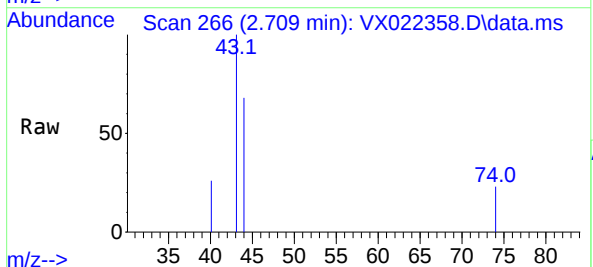
Instrument :
MSVOA_X
ClientSampled :

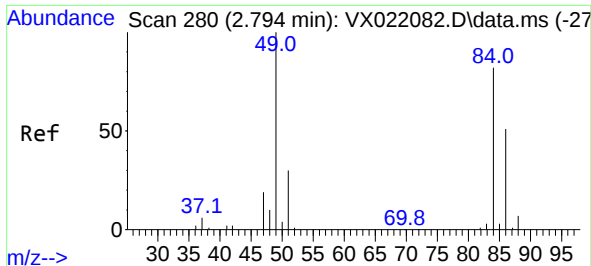
Tgt Ion: 43 Resp: 41260
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.81 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
74 17.4 21.9 32.9#



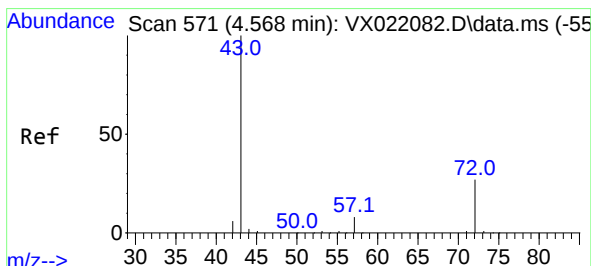
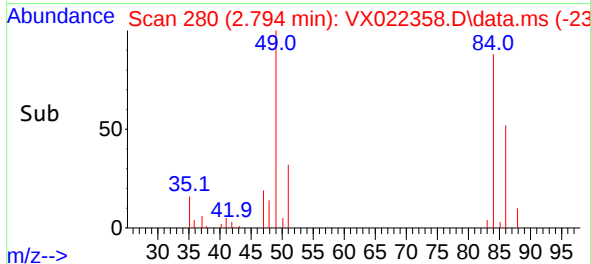
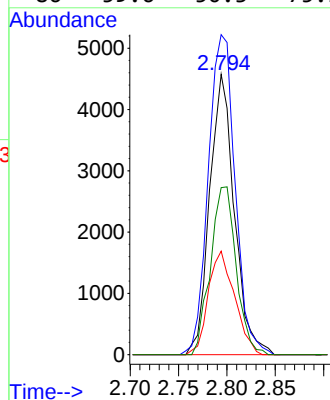
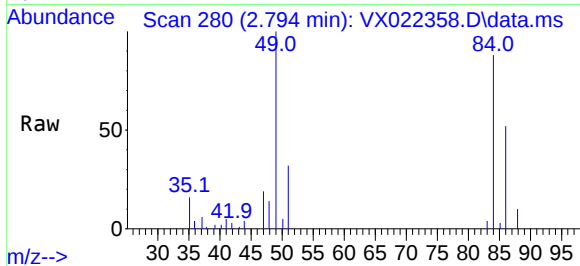


#20
Methylene Chloride
Concen: 8.65 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 8130

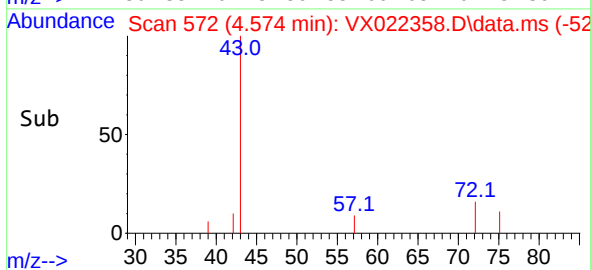
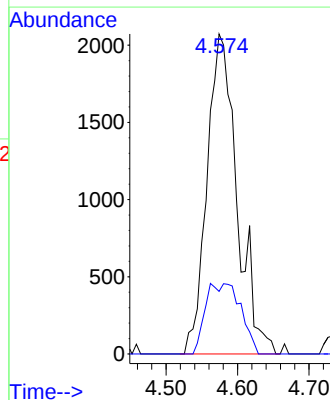
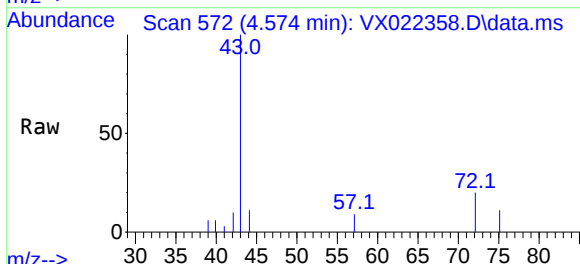
Ion	Ratio	Lower	Upper
84	100		
49	114.2	88.6	132.8
51	36.9	27.0	40.6
86	59.6	50.3	75.5

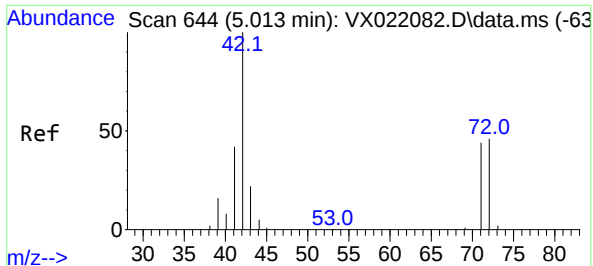


#25
2-Butanone
Concen: 8.85 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 43 Resp: 6055

Ion	Ratio	Lower	Upper
43	100		
72	19.5	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.74 ug/l

RT: 5.038 min Scan# 648

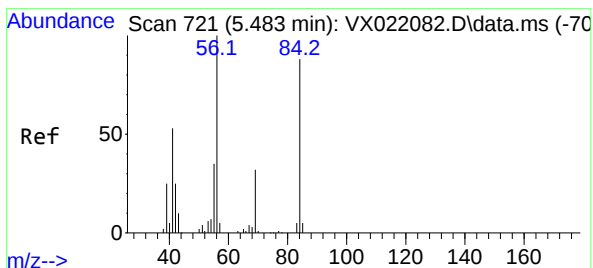
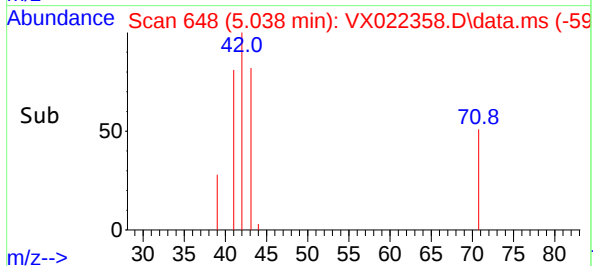
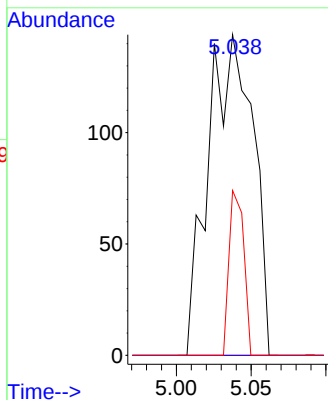
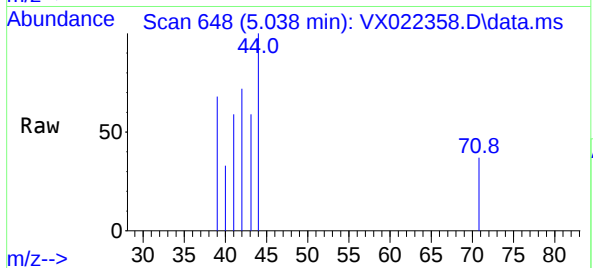
Delta R.T. 0.025 min

Lab File: VX022358.D

Acq: 03 Jun 2021 12:02

Tgt Ion:	42	Resp:	300
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	16.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.51 ug/l

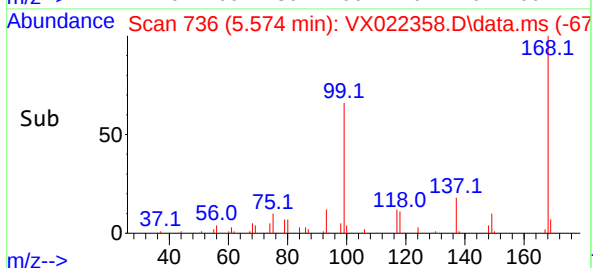
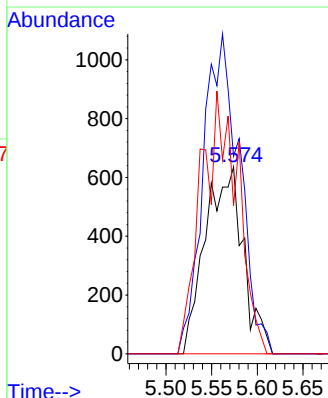
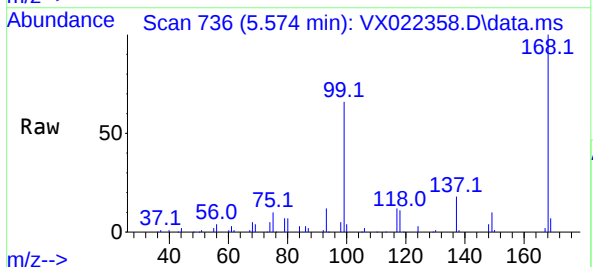
RT: 5.574 min Scan# 736

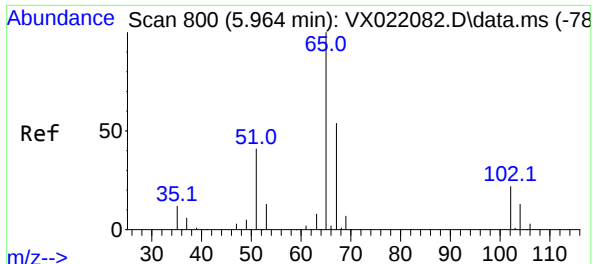
Delta R.T. 0.091 min

Lab File: VX022358.D

Acq: 03 Jun 2021 12:02

Tgt Ion:	56	Resp:	1839
Ion	Ratio	Lower	Upper
56	100		
69	105.7	25.3	37.9#
84	79.2	71.4	107.0



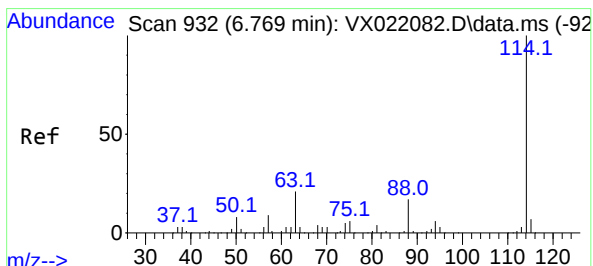
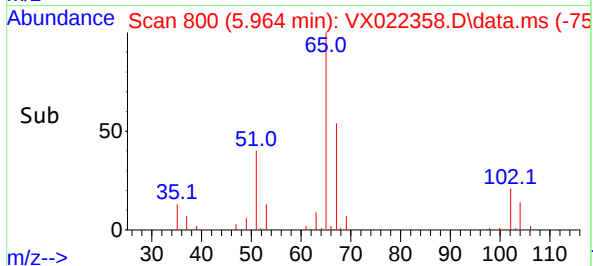
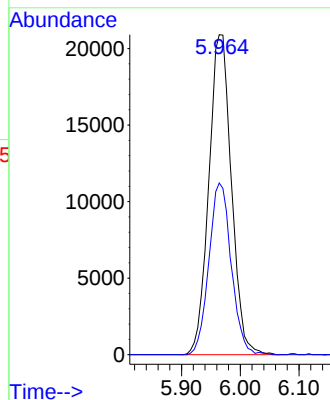
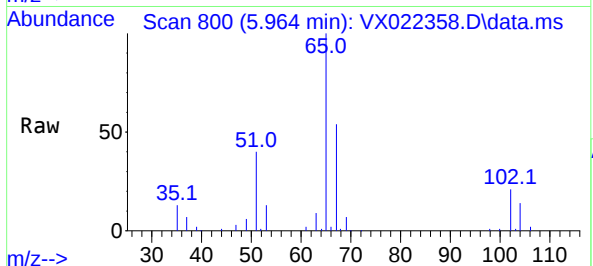


#33

1,2-Dichloroethane-d4
Concen: 57.40 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Instrument :
MSVOA_X
ClientSampled :

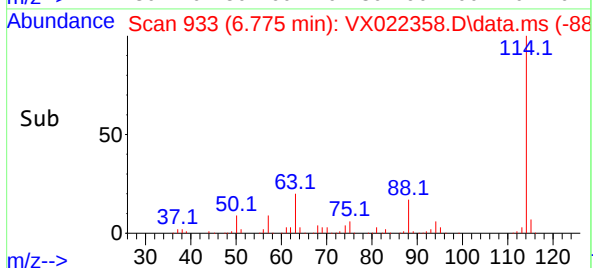
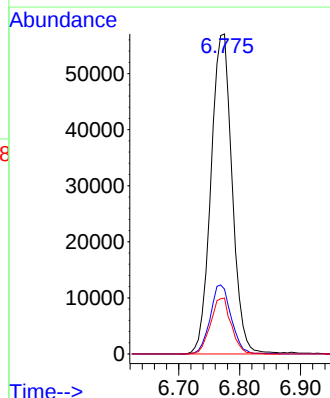
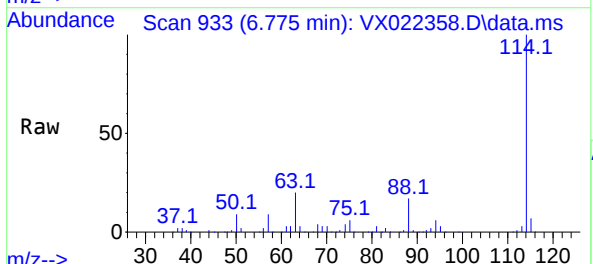
Tgt Ion: 65 Resp: 55775
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

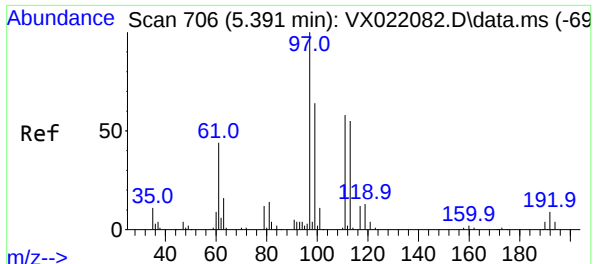


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 114 Resp: 137535
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 17.4 0.0 32.8

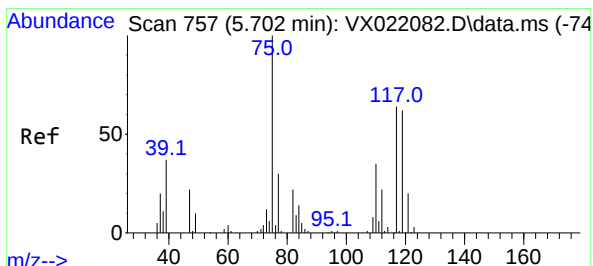
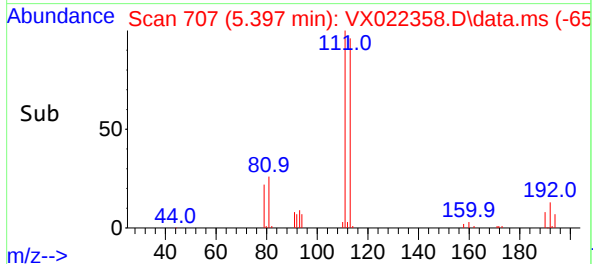
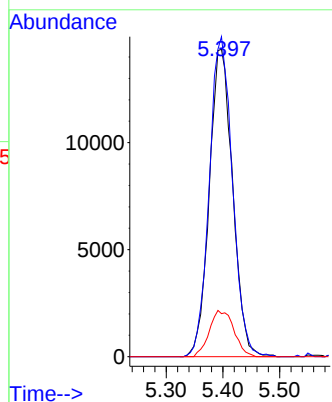
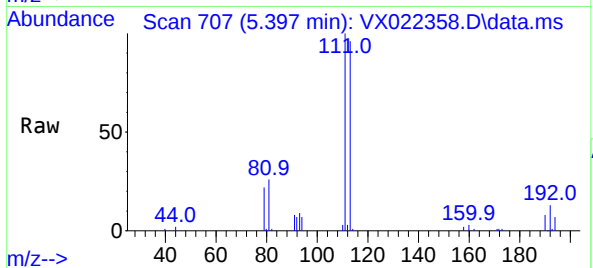




#35
Dibromofluoromethane
Concen: 47.01 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

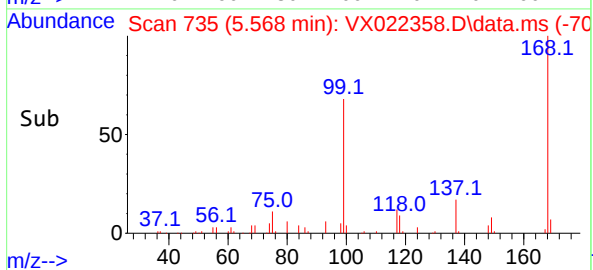
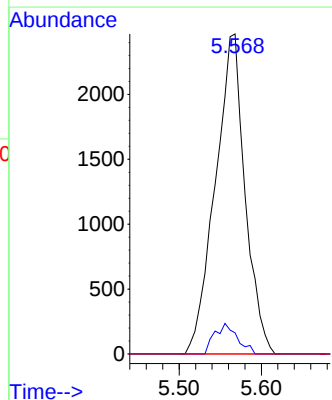
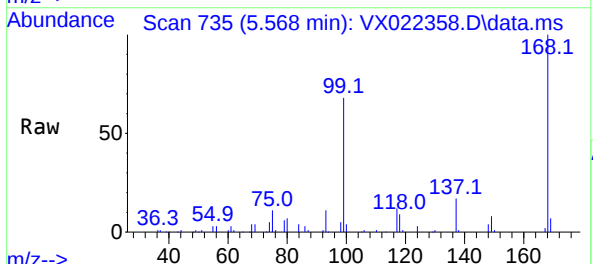
Instrument :
MSVOA_X
ClientSampled :

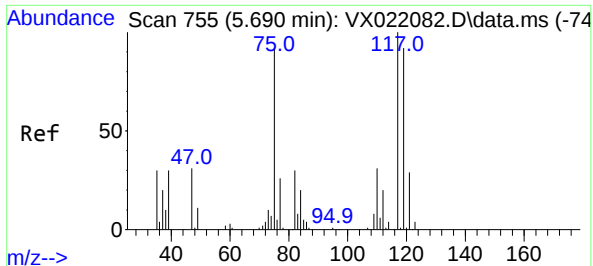
Tgt Ion:113 Resp: 40999
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 15.8 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

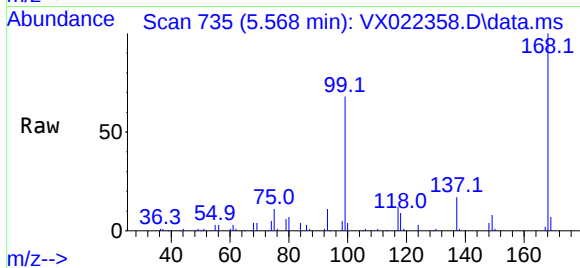
Tgt Ion: 75 Resp: 6204
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#



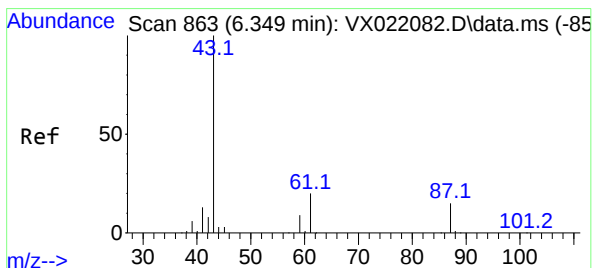
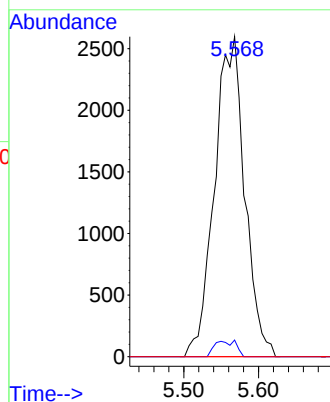
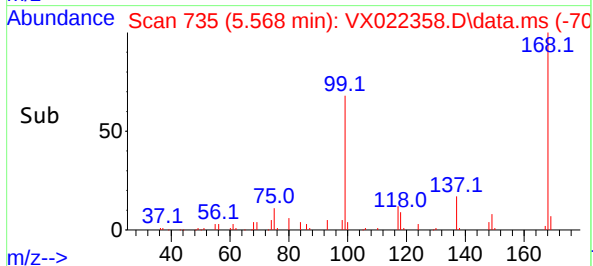


#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

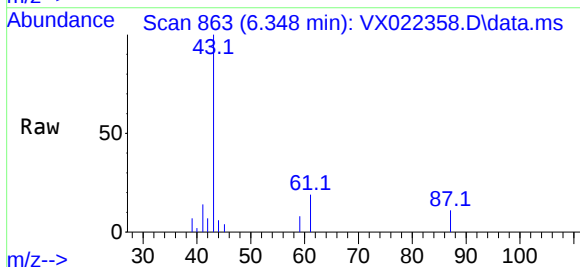
Instrument :
MSVOA_X
ClientSampled :



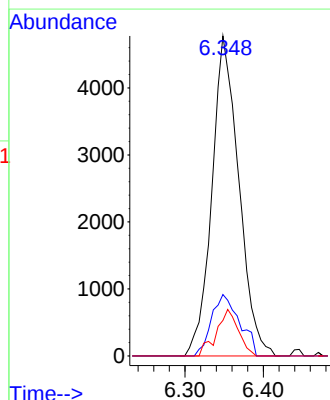
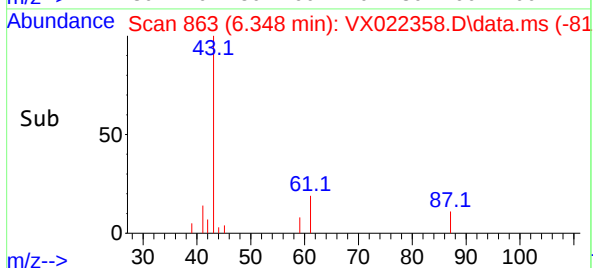
Tgt Ion:117 Resp: 7280
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

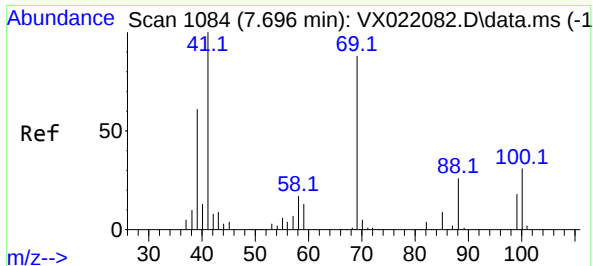


#43
Isopropyl Acetate
Concen: 4.48 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02



Tgt Ion: 43 Resp: 11416
Ion Ratio Lower Upper
43 100
61 20.0 18.2 27.4
87 11.9 12.5 18.7#



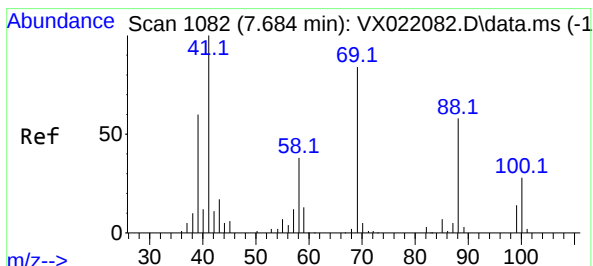
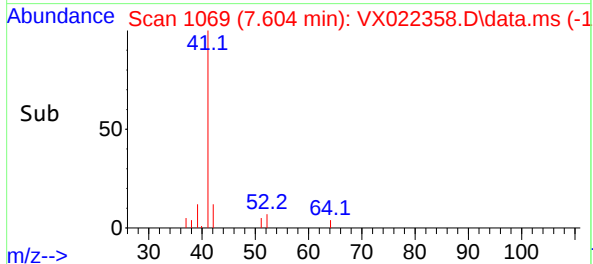
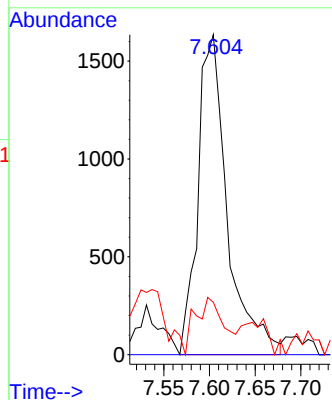
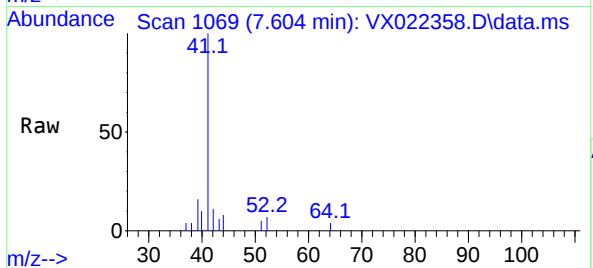


#48

Methyl methacrylate
Concen: 3.12 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Instrument :
MSVOA_X
ClientSampleId :

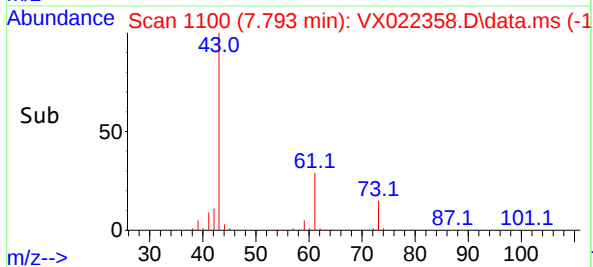
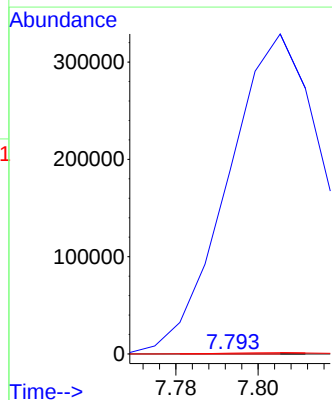
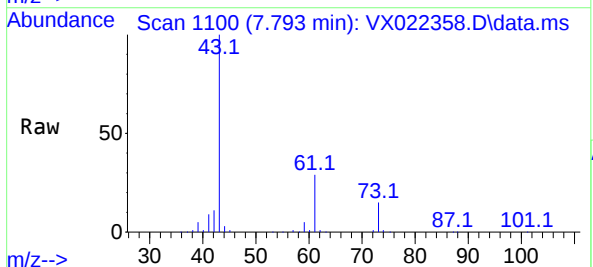
Tgt Ion: 41 Resp: 3661
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

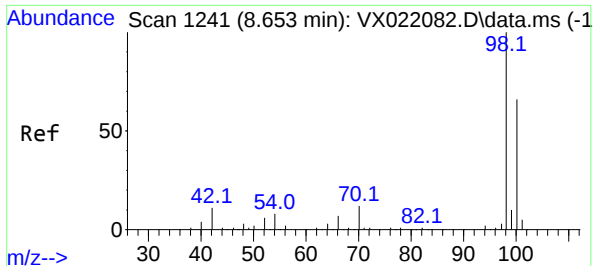


#49

1,4-Dioxane
Concen: 0.87 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.109 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 2797230.0 23.2 34.8#
58 11255.0 55.0 82.4#

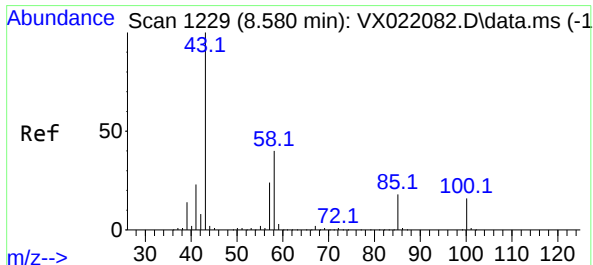
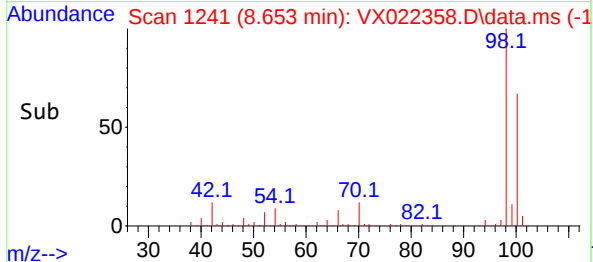
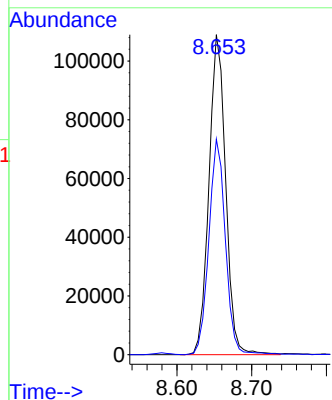
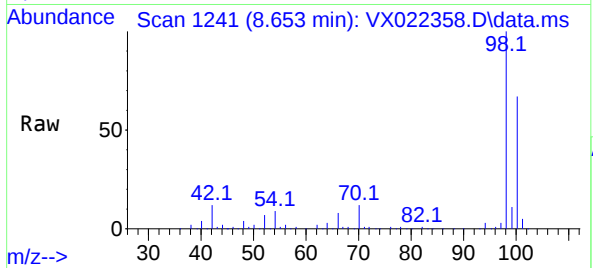




#50
Toluene-d8
Concen: 50.34 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

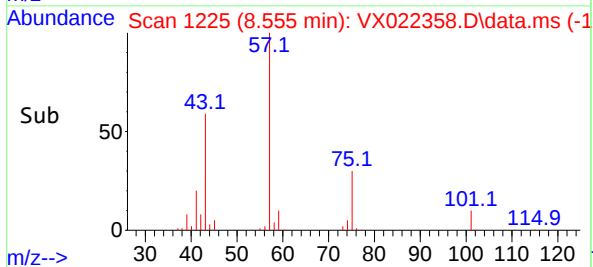
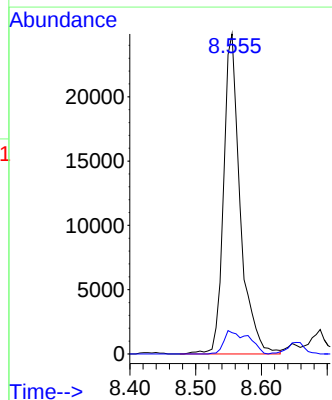
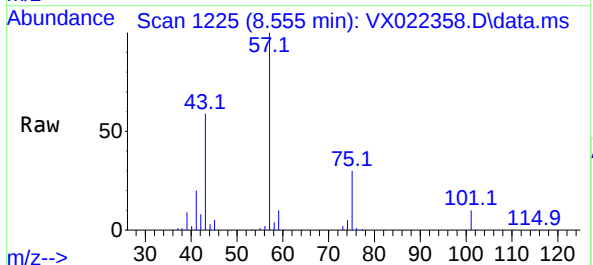
Instrument :
MSVOA_X
ClientSampled :

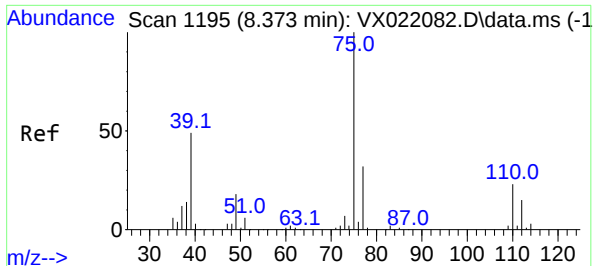
Tgt Ion: 98 Resp: 169137
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 28.63 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 43 Resp: 43728
Ion Ratio Lower Upper
43 100
58 10.8 35.4 53.0#

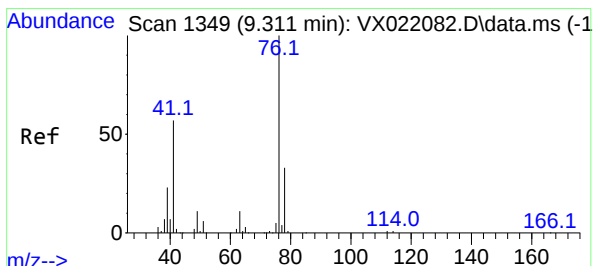
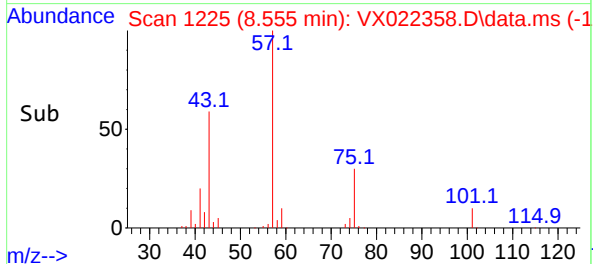
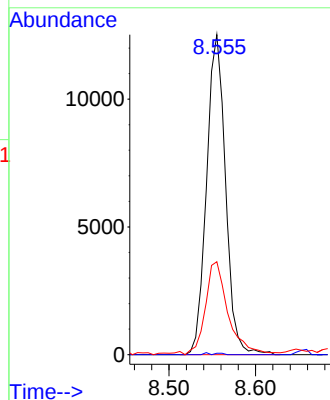
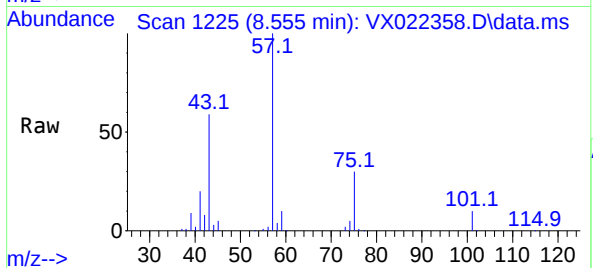




#54
cis-1,3-Dichloropropene
Concen: 11.33 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

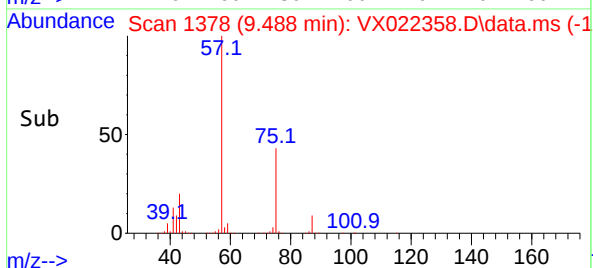
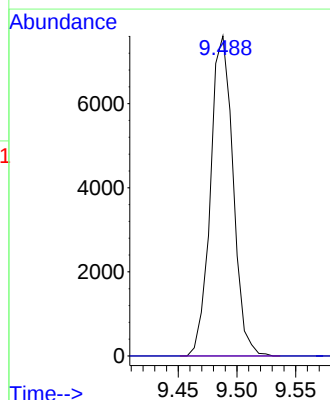
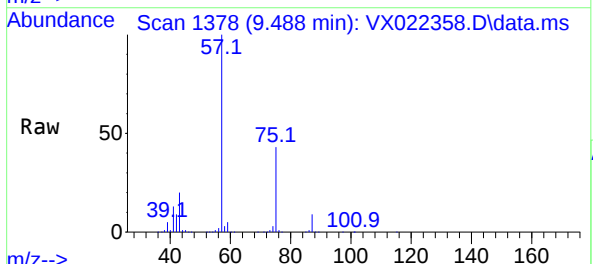
Instrument :
MSVOA_X
ClientSampled :

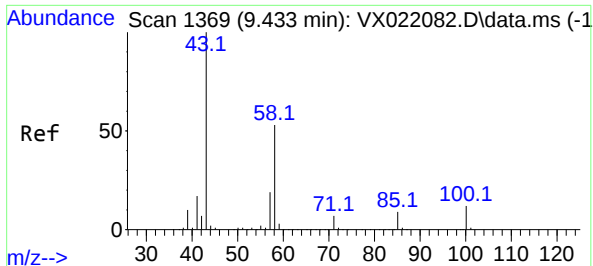
Tgt Ion: 75 Resp: 19057
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 28.4 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 5.93 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 76 Resp: 10192
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

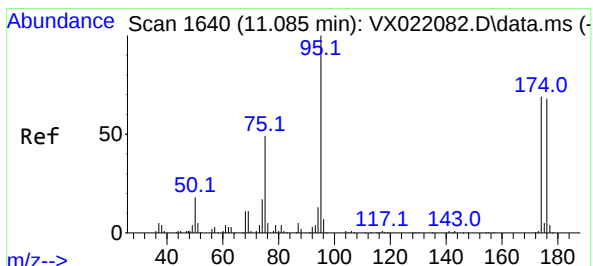
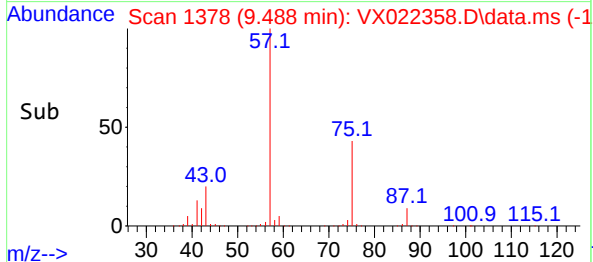
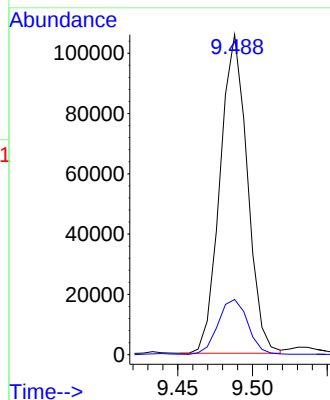
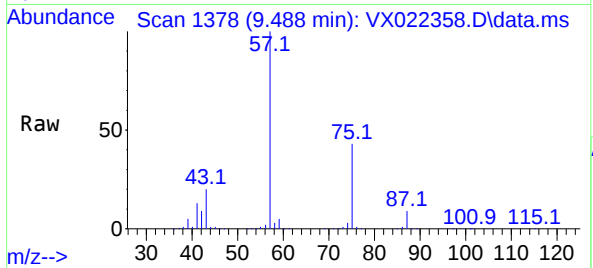




#59
2-Hexanone
Concen: 116.83 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

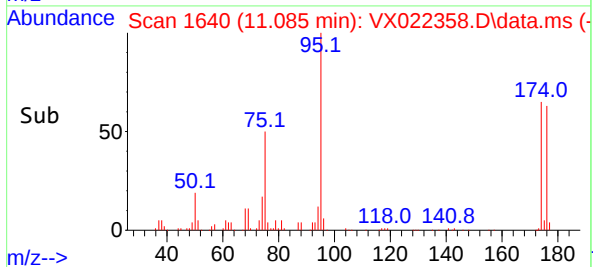
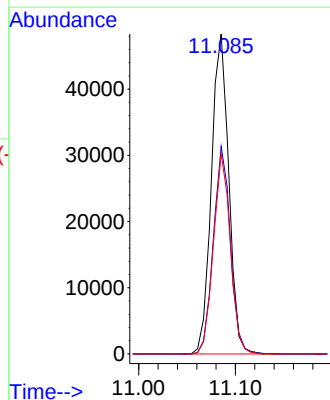
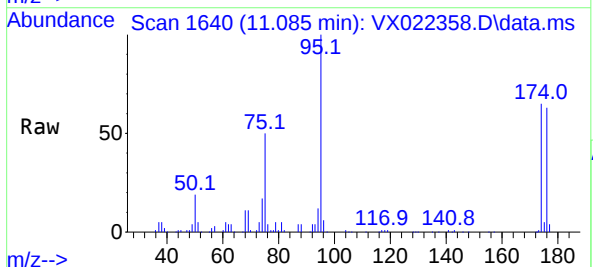
Instrument :
MSVOA_X
ClientSampled :

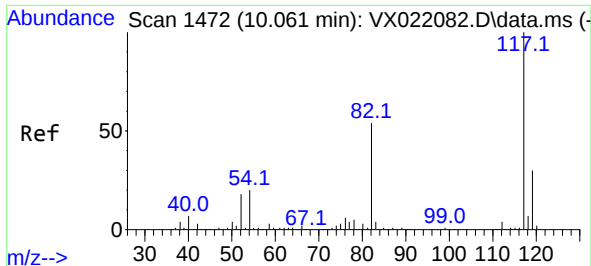
Tgt Ion: 43 Resp: 134221
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.34 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 95 Resp: 60033
Ion Ratio Lower Upper
95 100
174 63.7 0.0 154.6
176 60.7 0.0 155.8

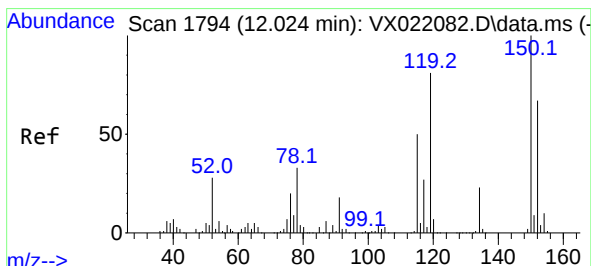
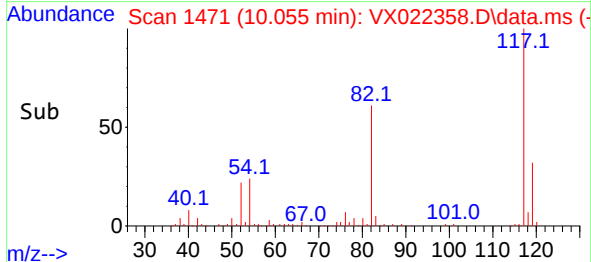
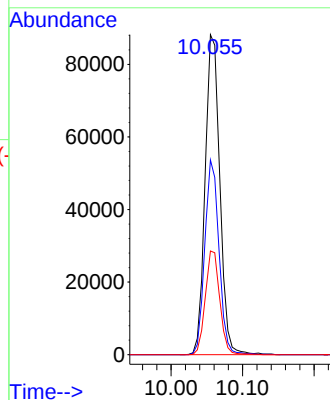
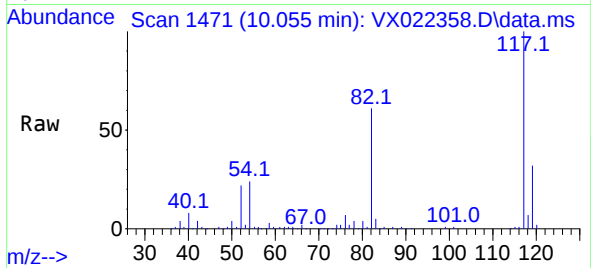




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

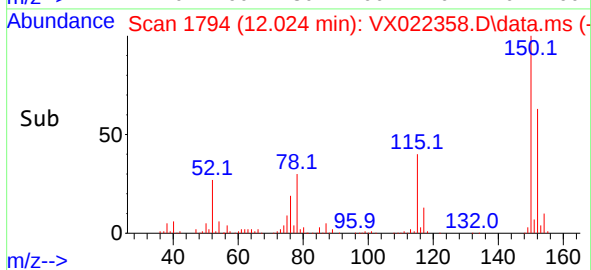
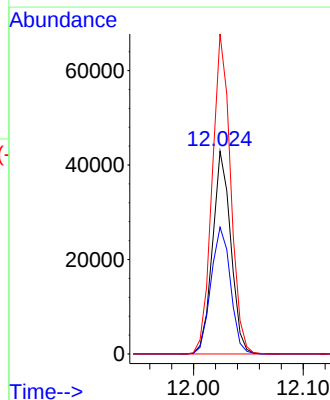
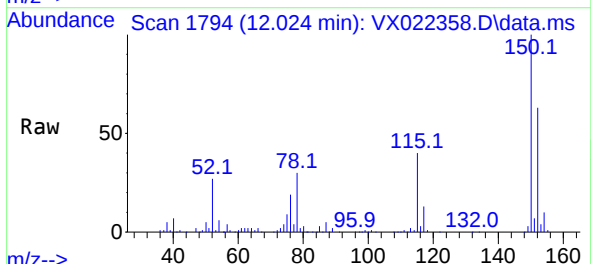
Instrument :
MSVOA_X
ClientSampled :

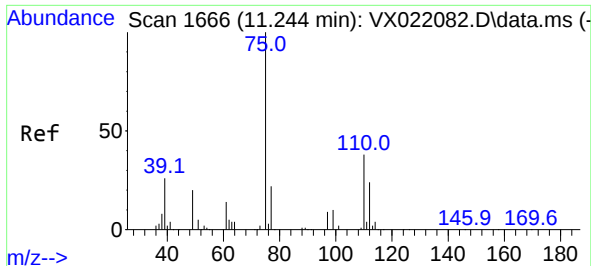
Tgt Ion:117 Resp: 126226
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion:152 Resp: 49776
Ion Ratio Lower Upper
152 100
115 66.7 41.1 123.3
150 158.8 0.0 349.0

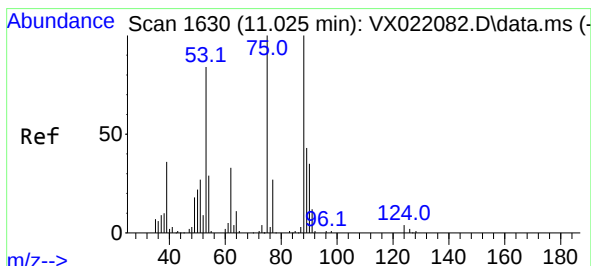
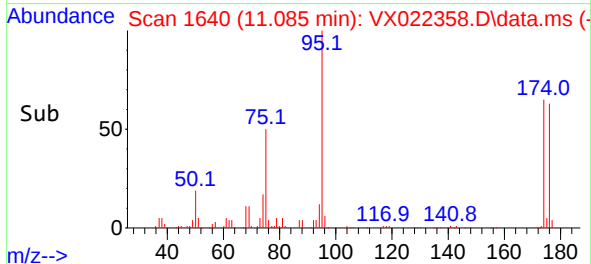
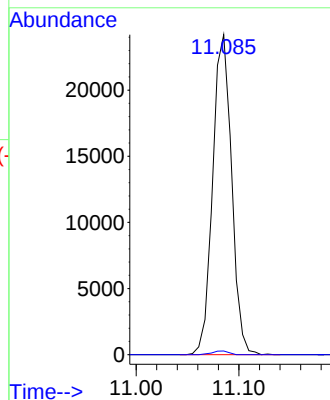
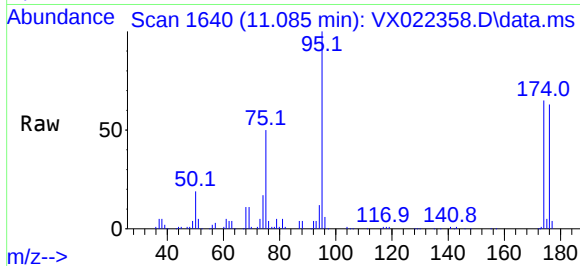




#76
1,2,3-Trichloropropane
Concen: 25.14 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 30872
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022358.D
Acq: 03 Jun 2021 12:02

Tgt Ion: 75 Resp: 30872
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

