

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022568.D
 Acq On : 08 Jun 2021 16:54
 Operator : JC/MD
 Sample : PB136878ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:01:01 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)

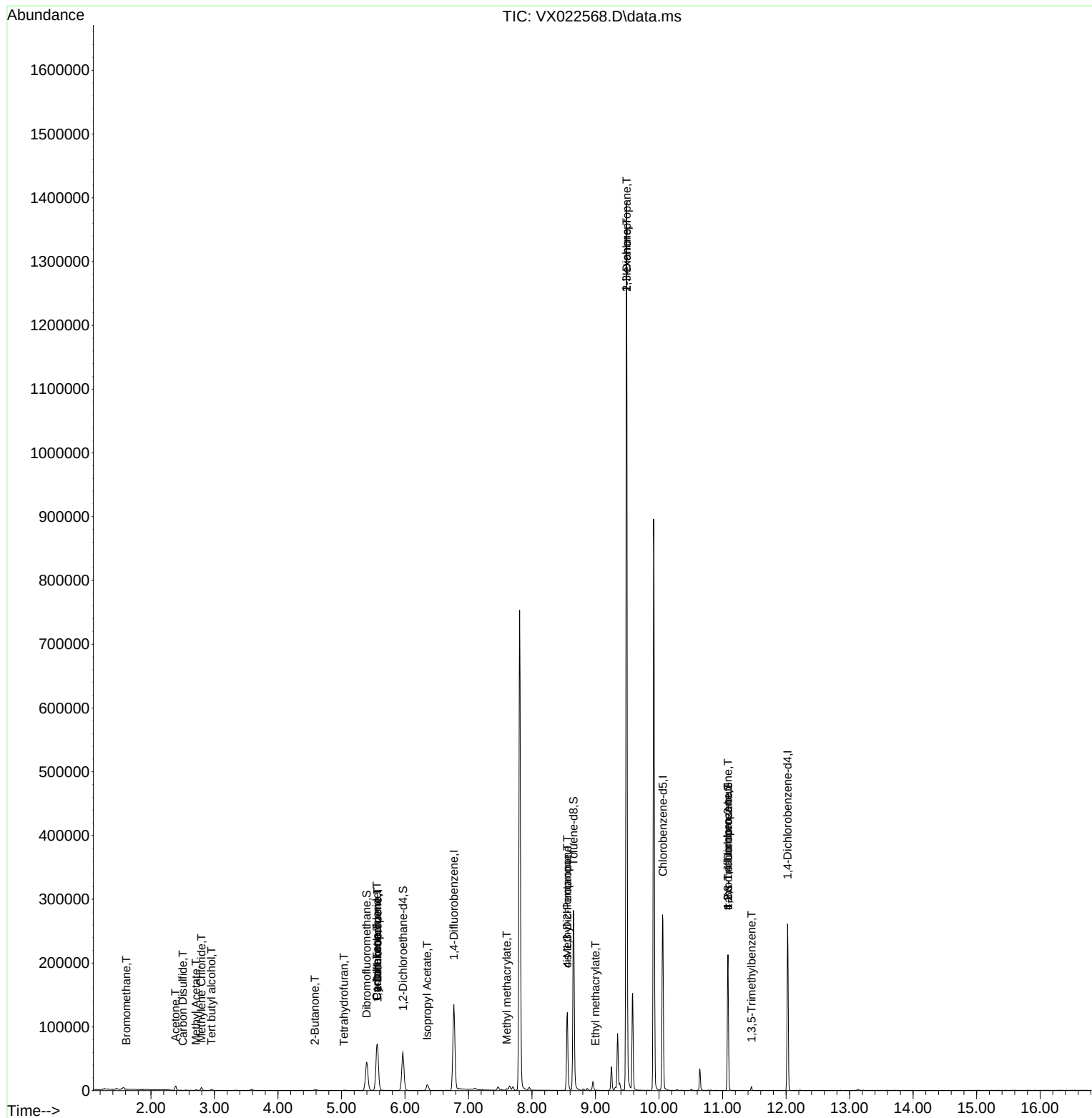
Internal Standards						
1) Pentafluorobenzene	5.562	168	62072	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	126483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	118970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	53493	48.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.397	113	37108	46.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.780%		
50) Toluene-d8	8.653	98	158738	50.272	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.540%		
62) 4-Bromofluorobenzene	11.085	95	56125	47.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.640%		
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	108	0.241	ug/l	88
11) Tert butyl alcohol	2.952	59	1014	4.097	ug/l #	73
16) Acetone	2.385	43	7593	15.313	ug/l	88
17) Carbon Disulfide	2.501	76	48	3.407	ug/l #	75
18) Methyl Acetate	2.709	43	1419	1.038	ug/l #	86
20) Methylene Chloride	2.794	84	1935	1.869	ug/l	94
25) 2-Butanone	4.580	43	1563	1.907	ug/l #	63
29) Tetrahydrofuran	5.037	42	377	0.784	ug/l #	67
31) Cyclohexane	5.556	56	1770	1.356	ug/l #	3
36) 1,1-Dichloropropene	5.568	75	6457	5.277	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7399	8.319	ug/l #	18
43) Isopropyl Acetate	6.348	43	12050	4.733	ug/l	93
48) Methyl methacrylate	7.604	41	3585	3.026	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	42740	26.948	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	19000	13.382	ug/l #	62
56) Ethyl methacrylate	9.000	69	76	2.743	ug/l #	29
57) 1,3-Dichloropropane	9.488	76	11498	6.883	ug/l #	42
59) 2-Hexanone	9.488	43	163721	135.125	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	30583	25.289	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2778	0.855	ug/l	86
81) trans-1,4-Dichloro-2-b...	11.085	75	30583	62.513	ug/l #	12

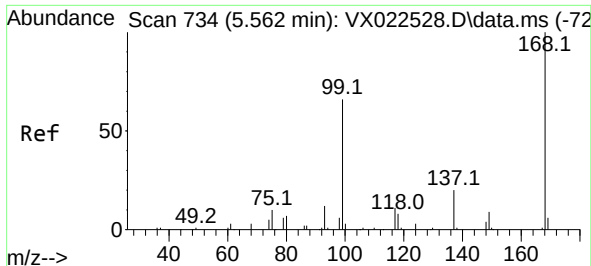
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
Data File : VX022568.D
Acq On : 08 Jun 2021 16:54
Operator : JC/MD
Sample : PB136878ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 09 04:01:01 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

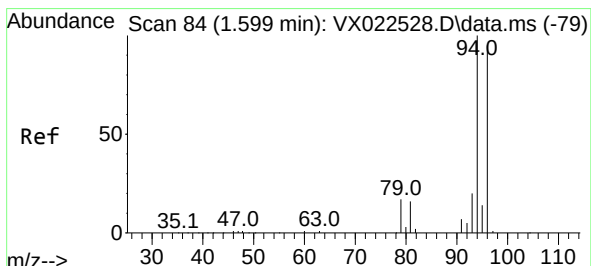
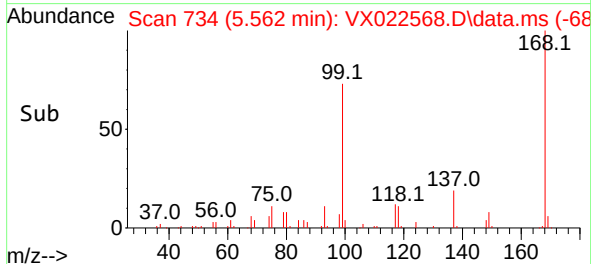
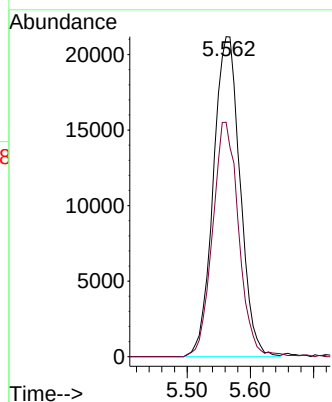
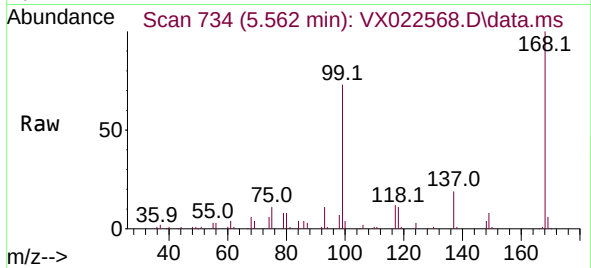




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

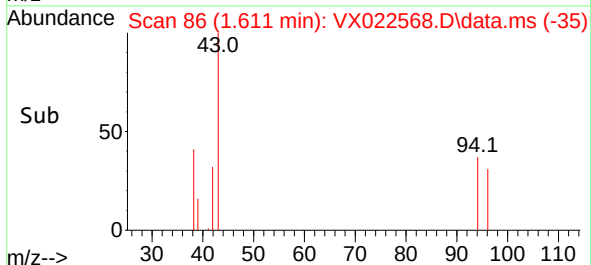
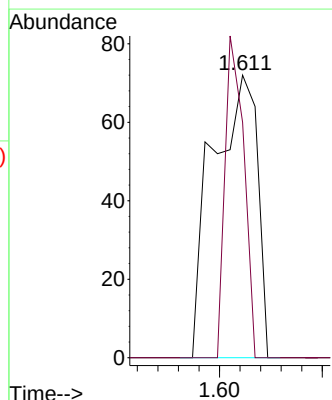
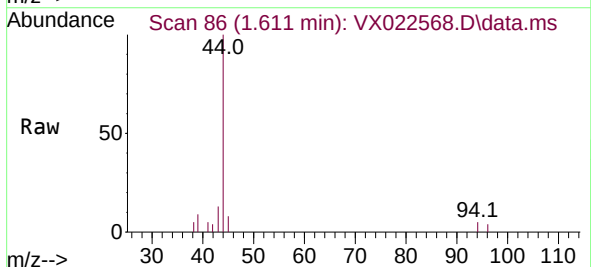
Instrument :
MSVOA_X
ClientSampled :

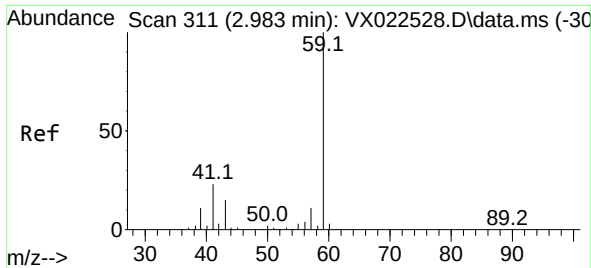
Tgt Ion:168 Resp: 62072
Ion Ratio Lower Upper
168 100
99 73.3 45.8 68.6#



#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 83.3 76.4 114.6



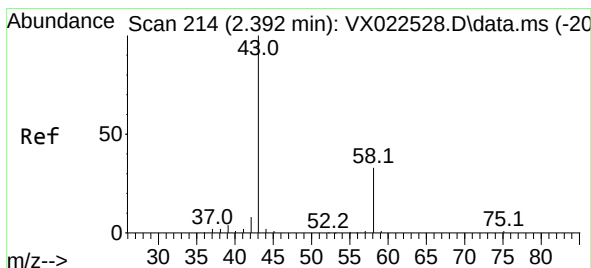
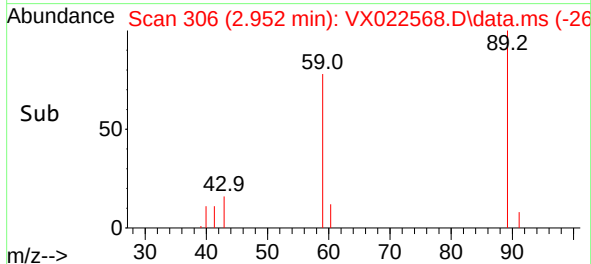
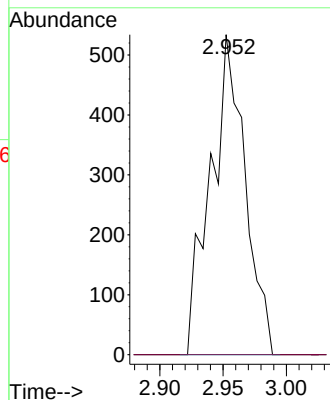
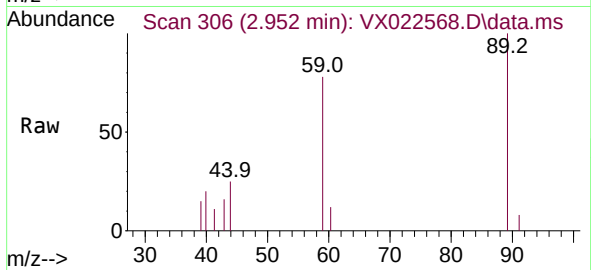


#11

Tert butyl alcohol
Concen: 4.097 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Instrument :
MSVOA_X
ClientSampled :

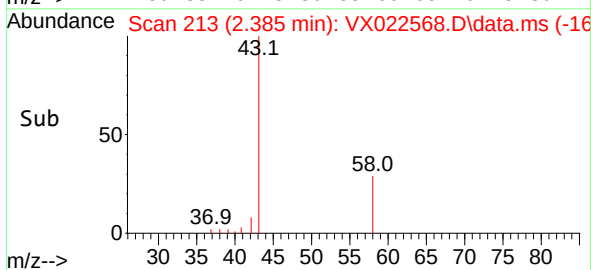
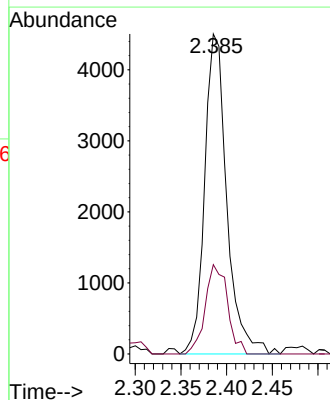
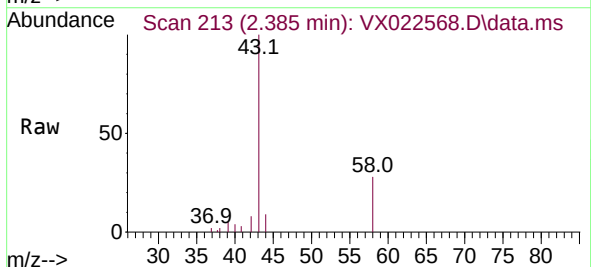
Tgt Ion: 59 Resp: 1014
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

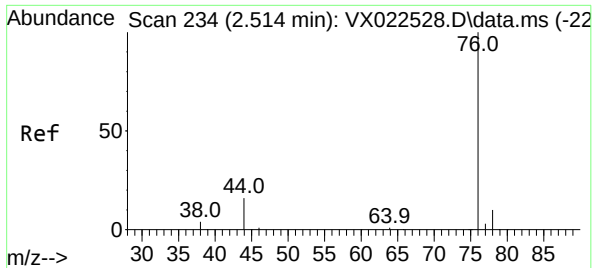


#16

Acetone
Concen: 15.313 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion: 43 Resp: 7593
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8

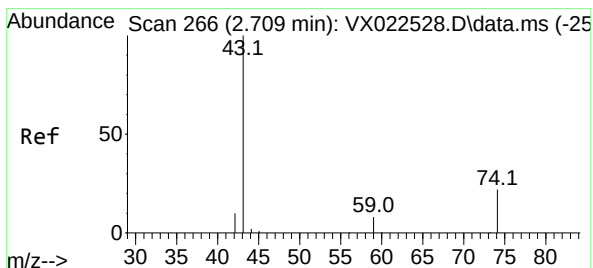
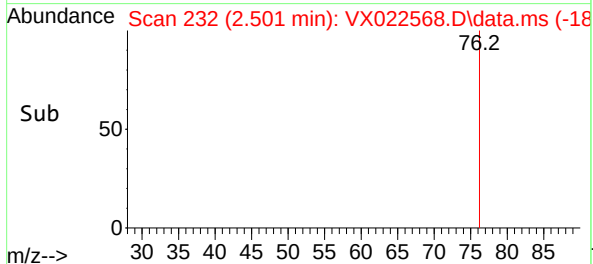
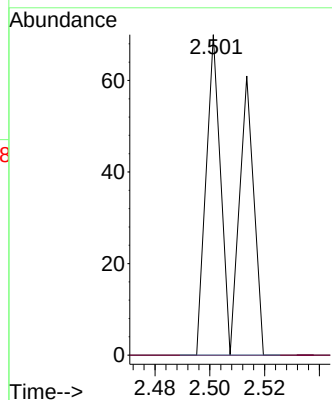
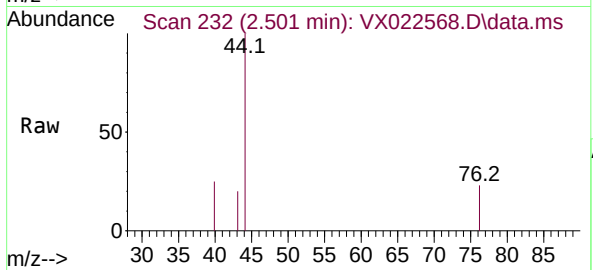




#17
Carbon Disulfide
Concen: 3.407 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.013 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

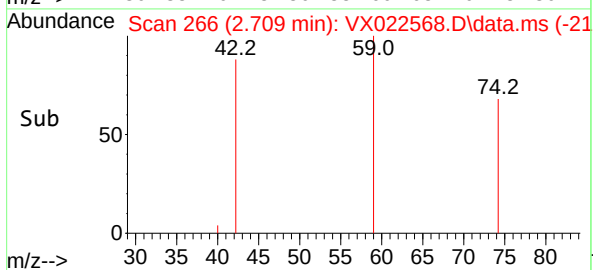
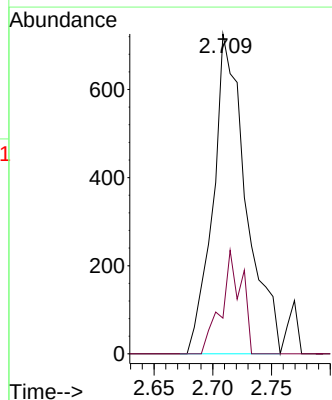
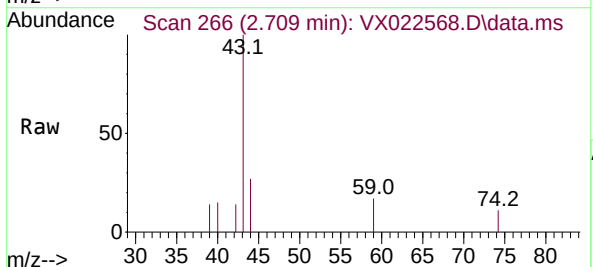
Instrument :
MSVOA_X
ClientSampled :

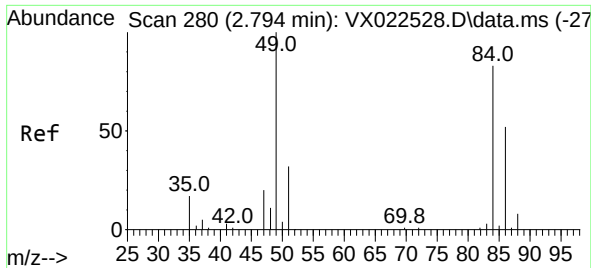
Tgt Ion: 76 Resp: 48
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.038 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
74 20.1 21.9 32.9#

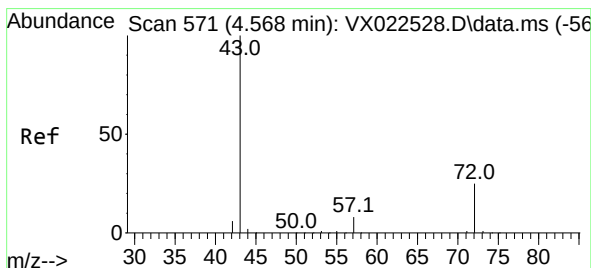
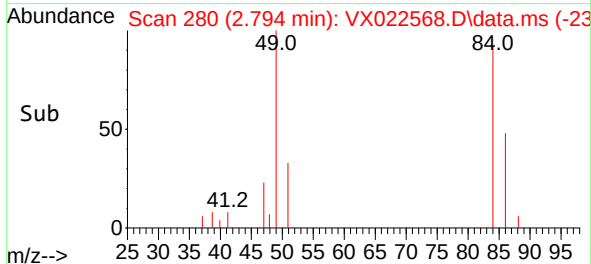
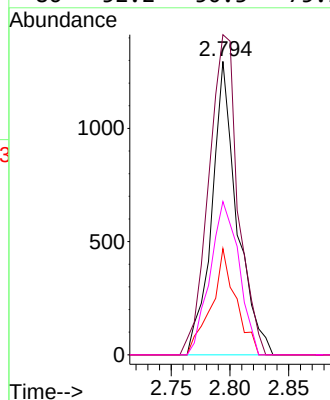
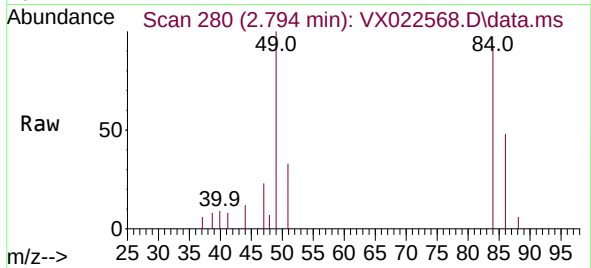




#20
Methylene Chloride
Concen: 1.869 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

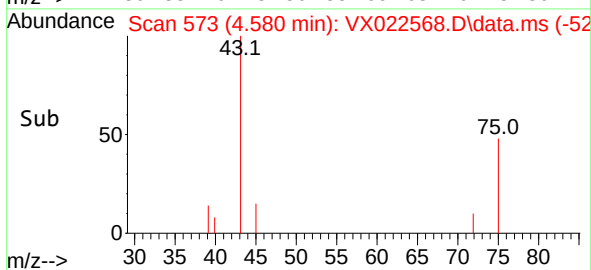
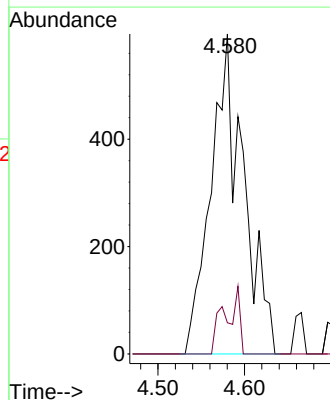
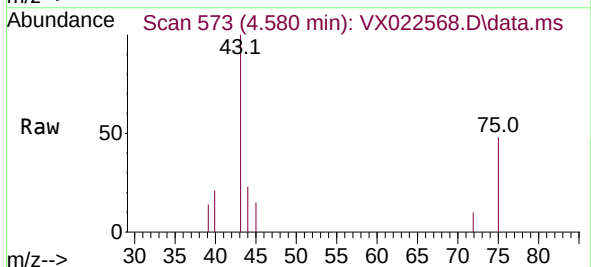
Instrument :
MSVOA_X
ClientSampleId :

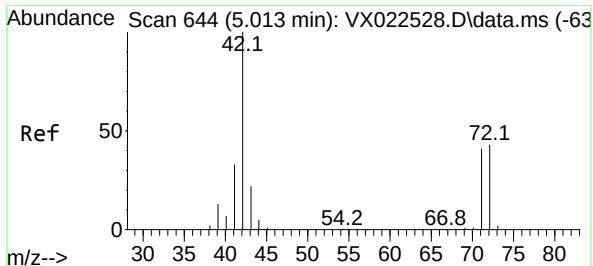
Tgt Ion:	84	Resp:	1935
Ion	Ratio	Lower	Upper
84	100		
49	109.1	88.6	132.8
51	36.2	27.0	40.6
86	52.2	50.3	75.5



#25
2-Butanone
Concen: 1.907 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion:	43	Resp:	1563
Ion	Ratio	Lower	Upper
43	100		
72	9.7	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.784 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX022568.D

Acq: 08 Jun 2021 16:54

Tgt Ion: 42 Resp: 377

Ion Ratio Lower Upper

42 100

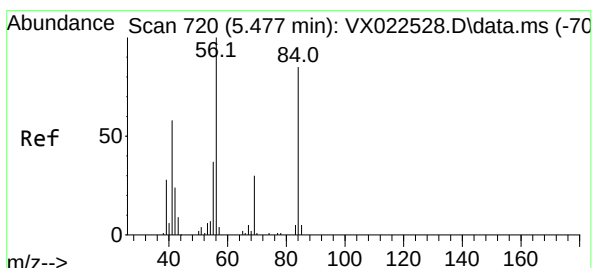
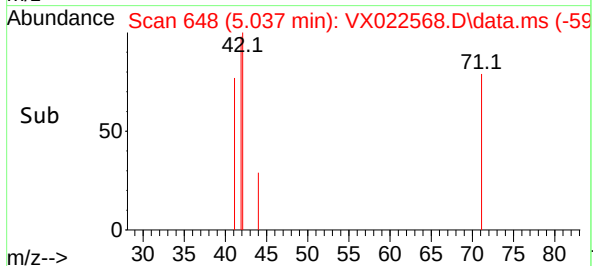
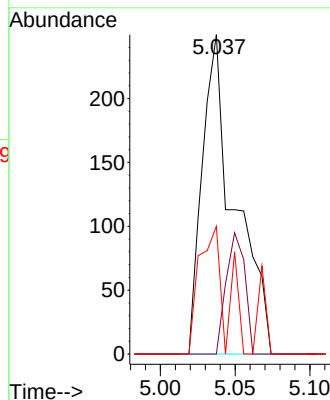
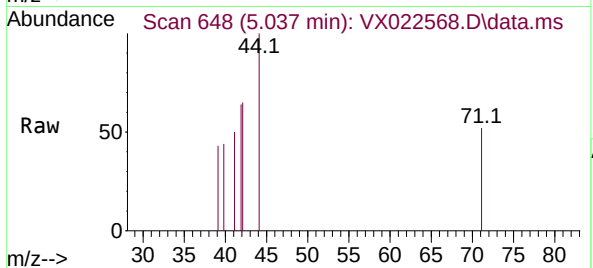
72 21.8 41.7 62.5#

71 32.9 38.4 57.6#

Instrument :

MSVOA_X

ClientSampled :



#31

Cyclohexane

Concen: 1.356 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX022568.D

Acq: 08 Jun 2021 16:54

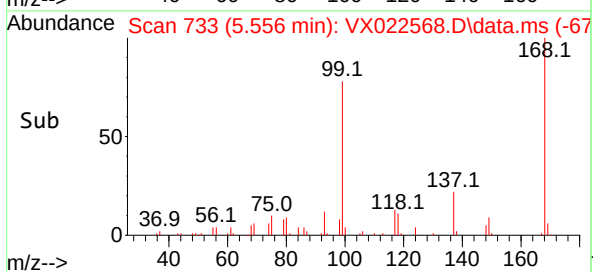
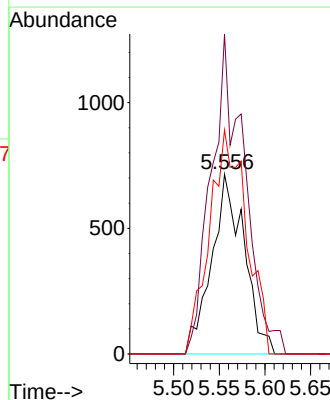
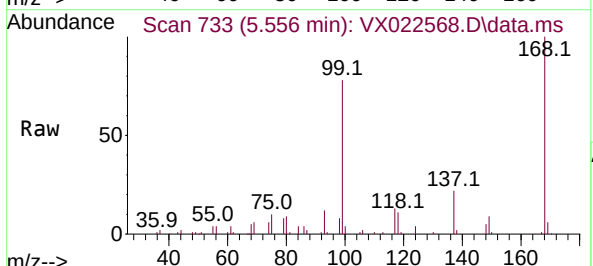
Tgt Ion: 56 Resp: 1770

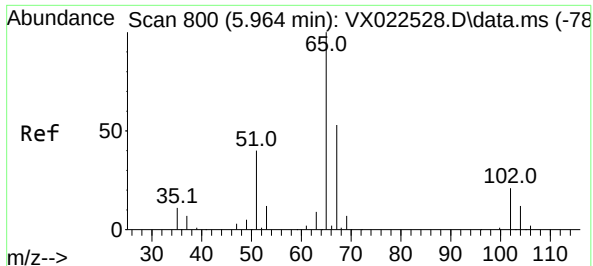
Ion Ratio Lower Upper

56 100

69 178.0 25.3 37.9#

84 124.6 71.4 107.0#



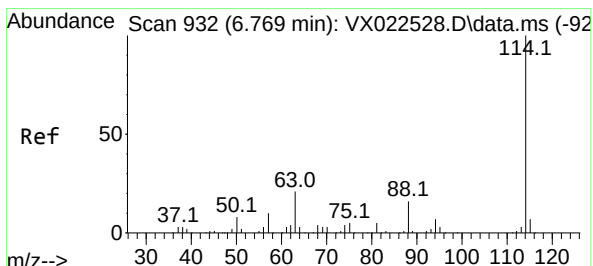
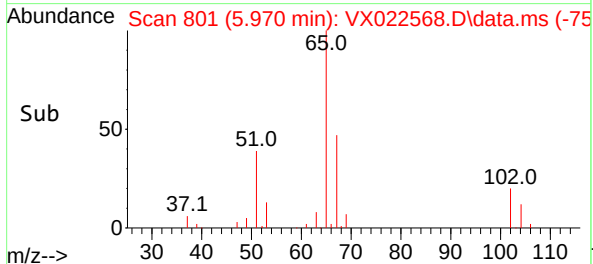
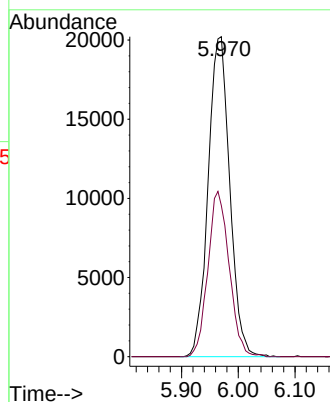
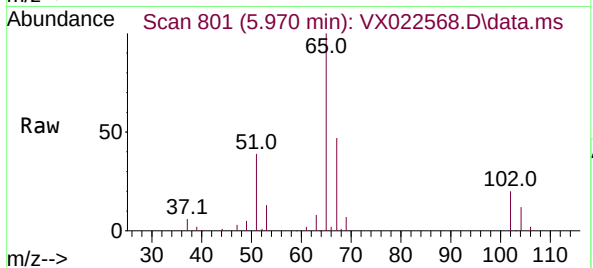


#33

1,2-Dichloroethane-d4
Concen: 48.477 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Instrument :
MSVOA_X
ClientSampled :

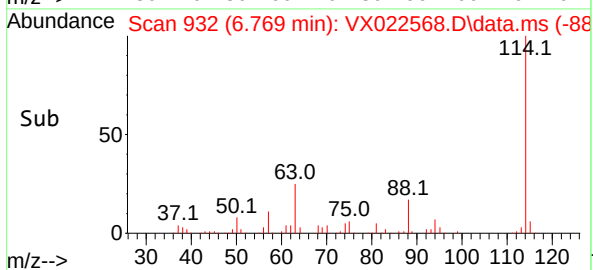
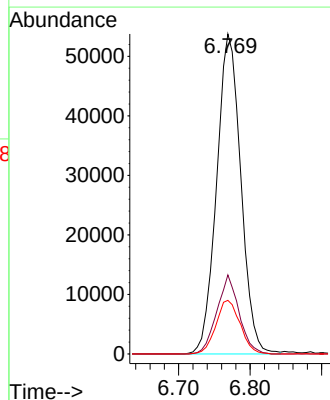
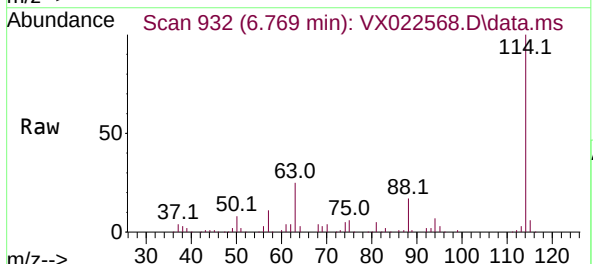
Tgt Ion: 65 Resp: 53493
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

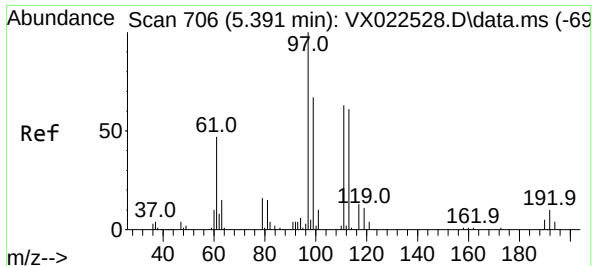


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion: 114 Resp: 126483
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.8
88 16.7 0.0 32.8

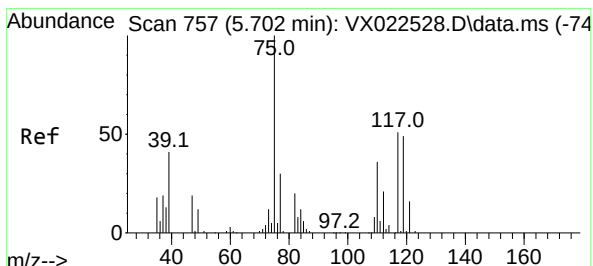
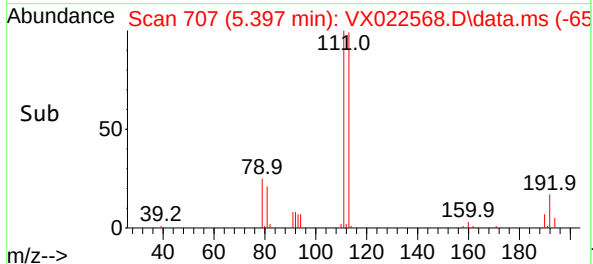
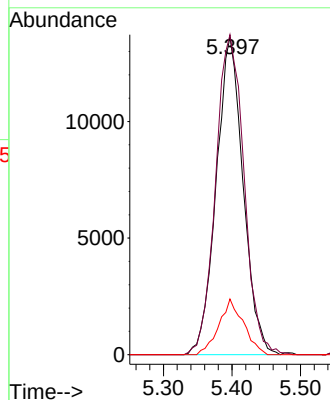
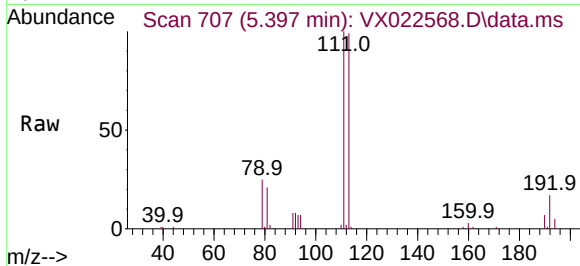




#35
Dibromofluoromethane
Concen: 46.891 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

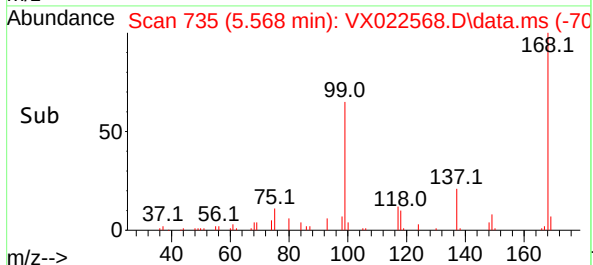
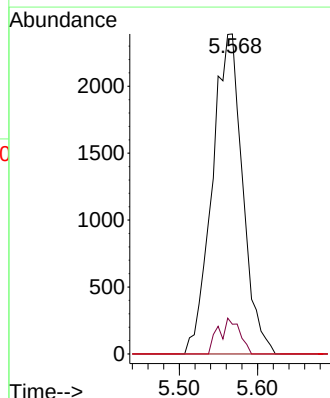
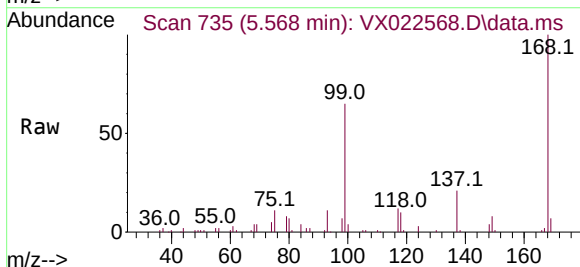
Instrument :
MSVOA_X
ClientSampleId :

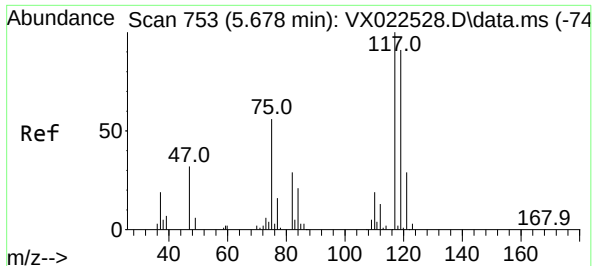
Tgt Ion:113 Resp: 37108
Ion Ratio Lower Upper
113 100
111 106.3 81.9 122.9
192 16.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.277 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

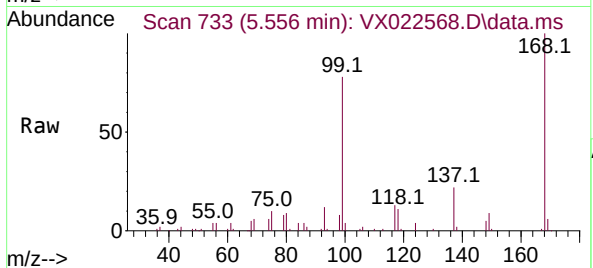
Tgt Ion: 75 Resp: 6457
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



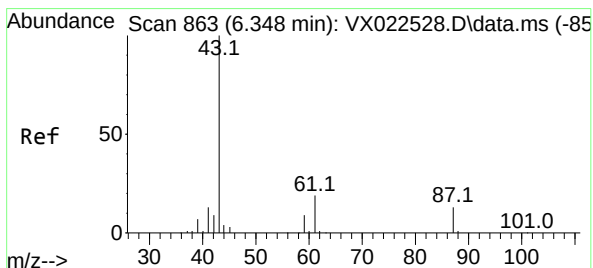
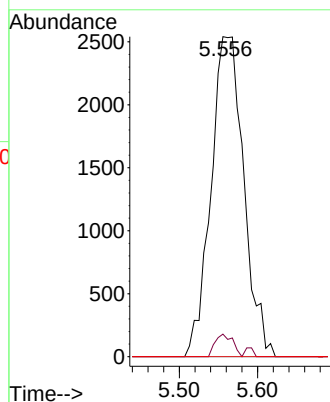
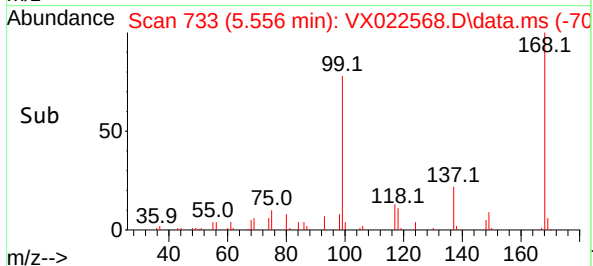


#38
Carbon Tetrachloride
Concen: 8.319 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

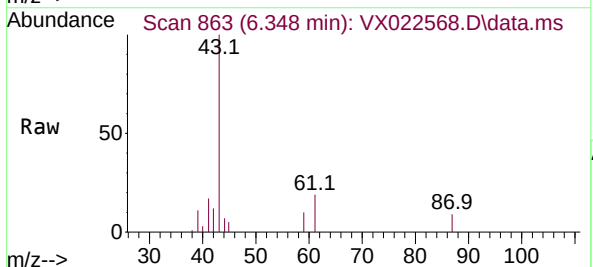
Instrument :
MSVOA_X
ClientSampled :



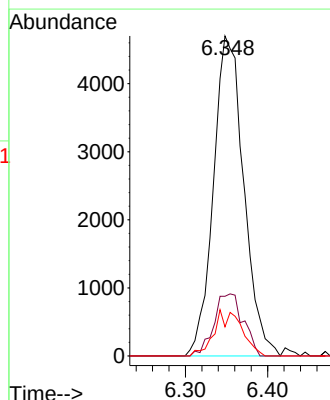
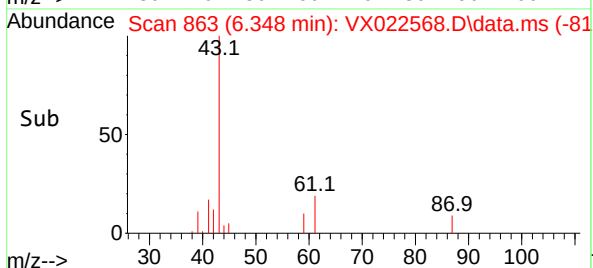
Tgt Ion:117 Resp: 7399
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#

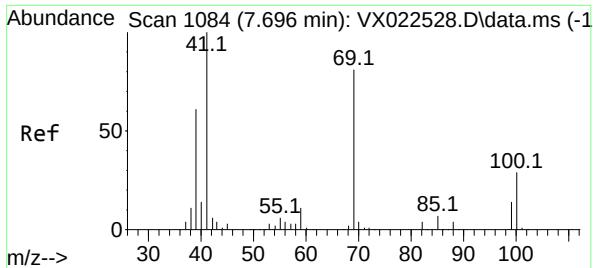


#43
Isopropyl Acetate
Concen: 4.733 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54



Tgt Ion: 43 Resp: 12050
Ion Ratio Lower Upper
43 100
61 18.8 18.2 27.4
87 13.1 12.5 18.7

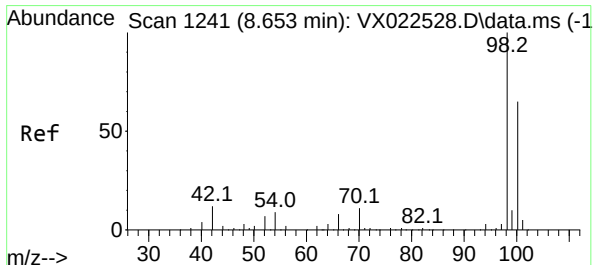
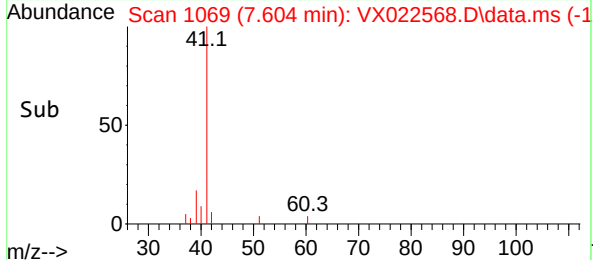
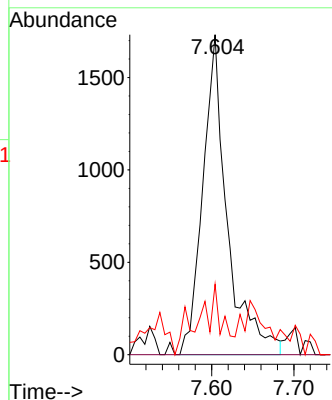
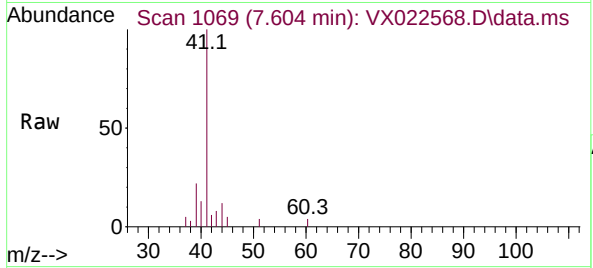




#48
Methyl methacrylate
Concen: 3.026 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

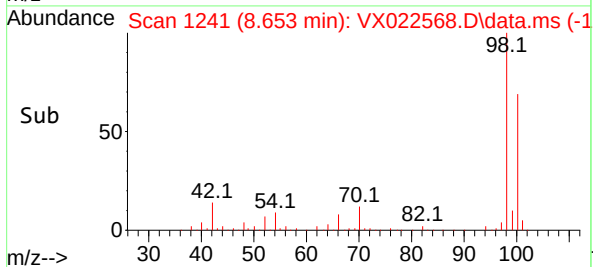
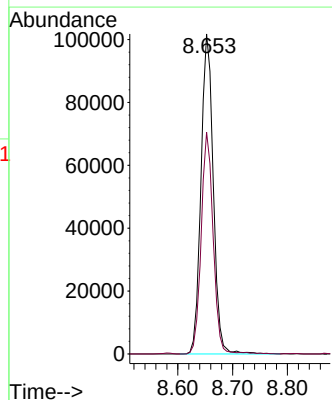
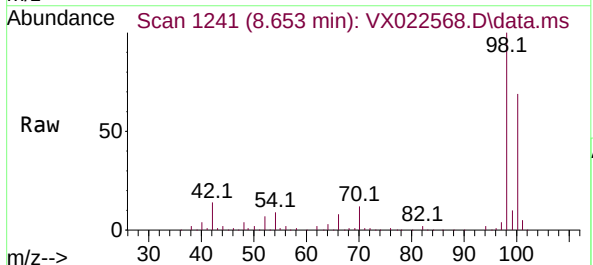
Instrument :
MSVOA_X
ClientSampleId :

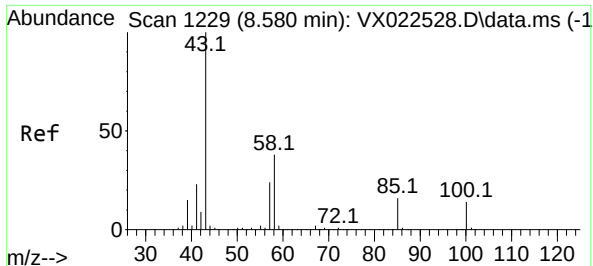
Tgt Ion: 41 Resp: 3585
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.272 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion: 98 Resp: 158738
Ion Ratio Lower Upper
98 100
100 67.6 51.9 77.9

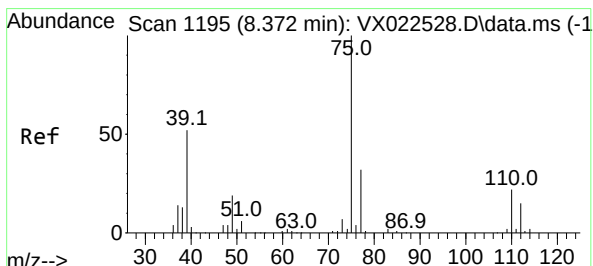
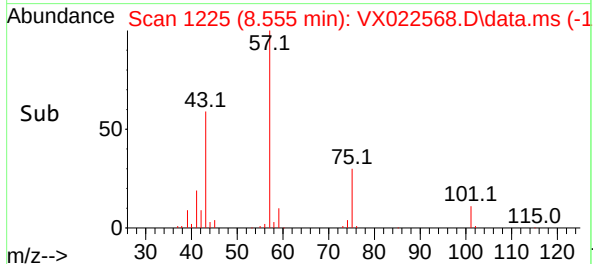
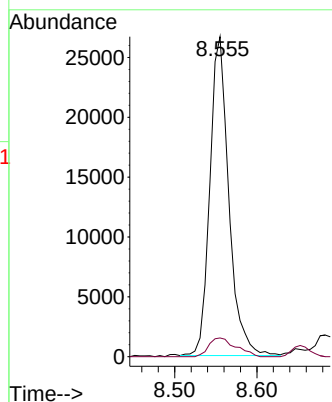
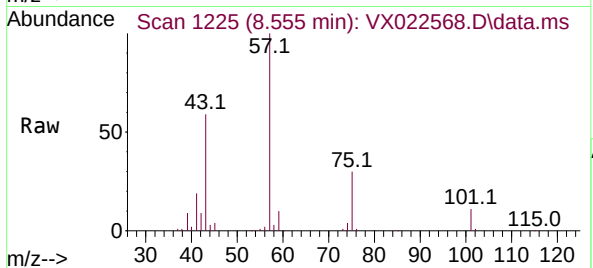




#51
4-Methyl-2-Pentanone
Concen: 26.948 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

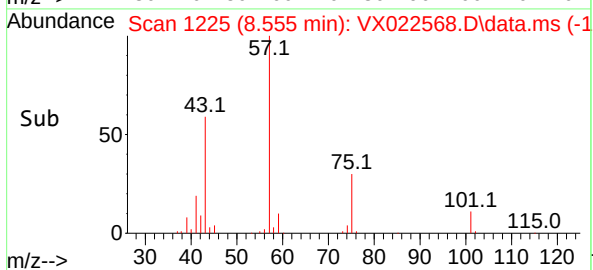
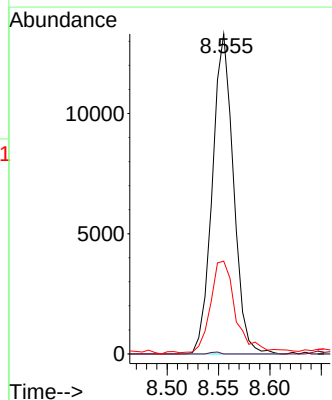
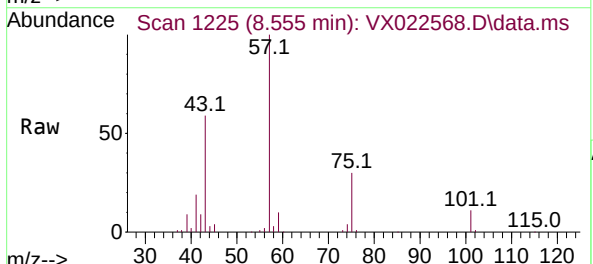
Instrument :
MSVOA_X
ClientSampled :

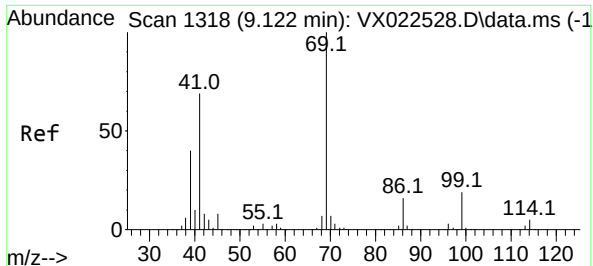
Tgt Ion: 43 Resp: 42740
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.382 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion: 75 Resp: 19000
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 28.6 35.1 52.7#

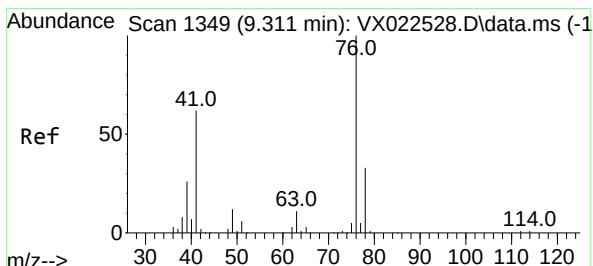
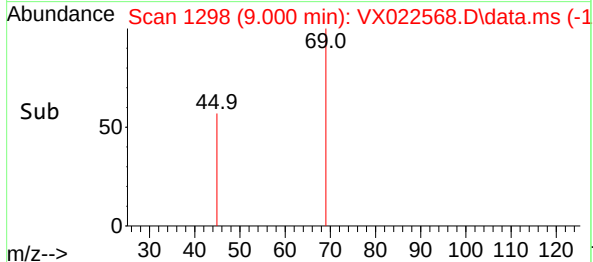
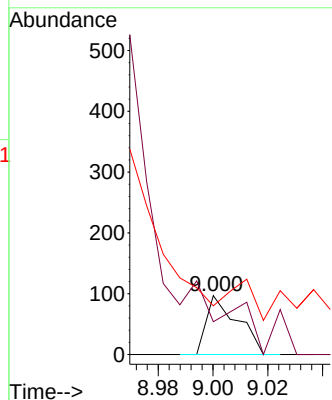
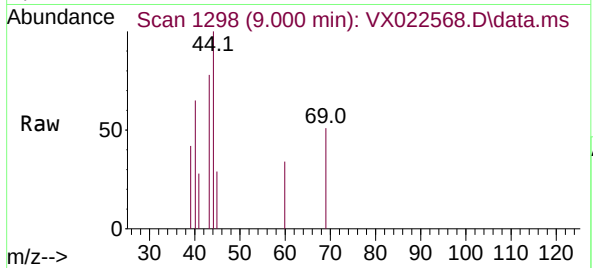




#56
Ethyl methacrylate
Concen: 2.743 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. -0.122 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

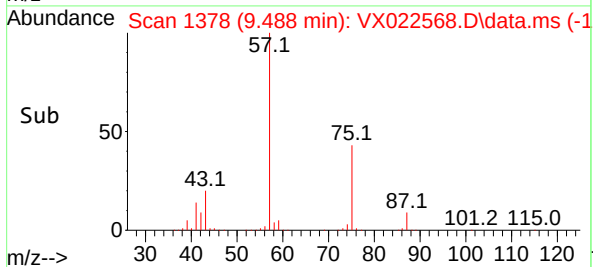
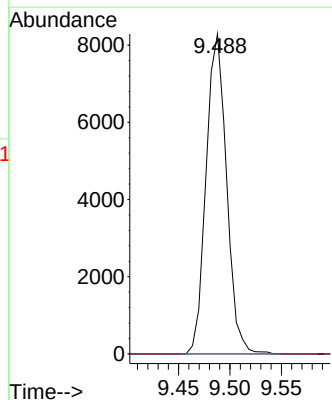
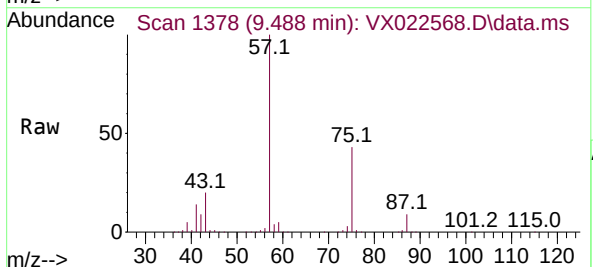
Instrument :
MSVOA_X
ClientSampleId :

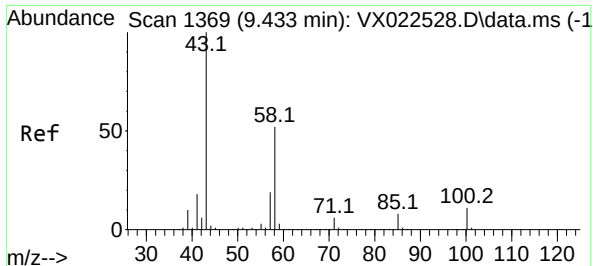
Tgt Ion: 69 Resp: 76
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.883 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion: 76 Resp: 11498
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

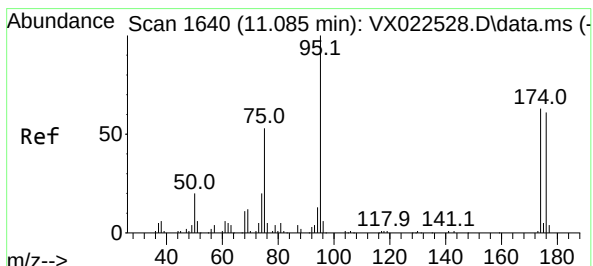
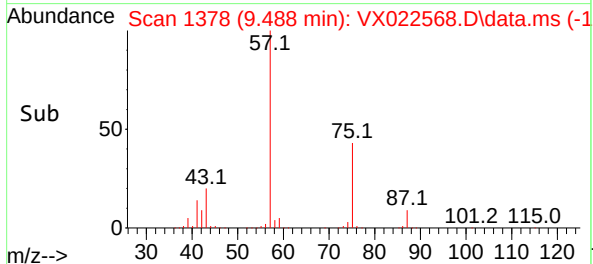
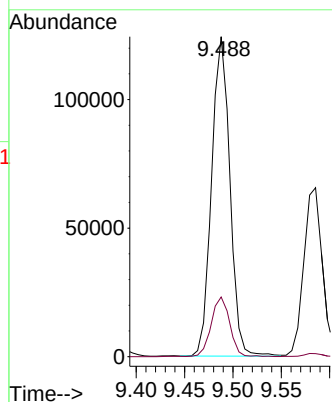
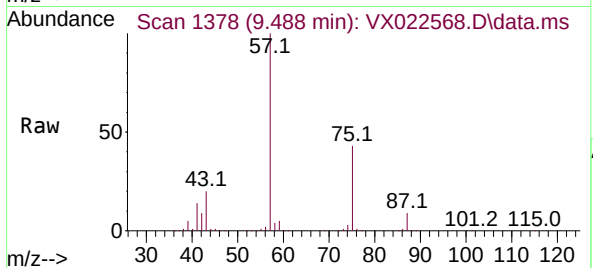




#59
2-Hexanone
Concen: 135.125 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

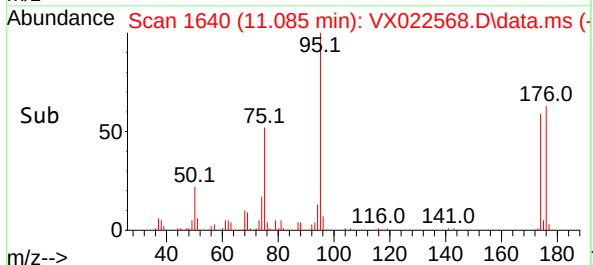
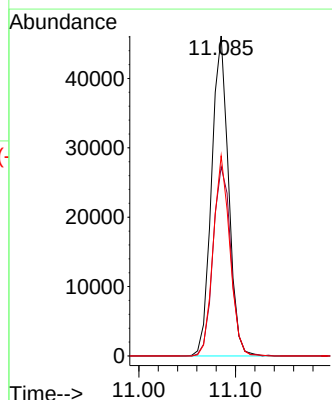
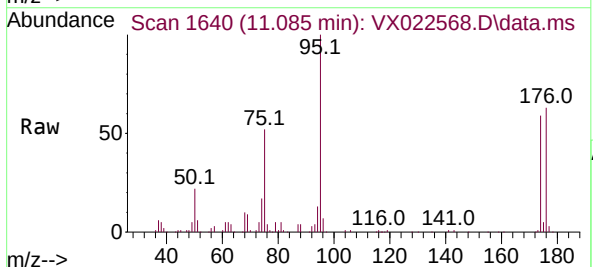
Instrument :
MSVOA_X
ClientSampled :

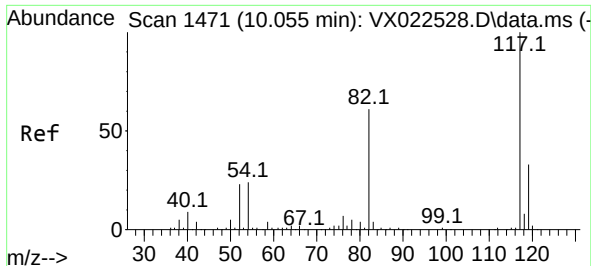
Tgt Ion: 43 Resp: 163721
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.820 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion: 95 Resp: 56125
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 61.3 0.0 155.8

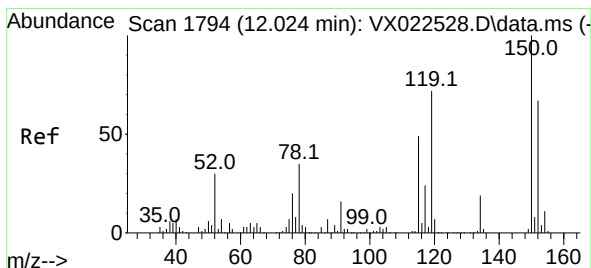
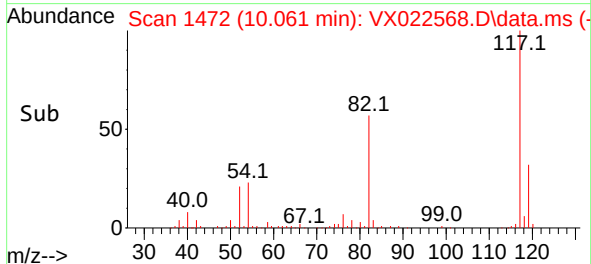
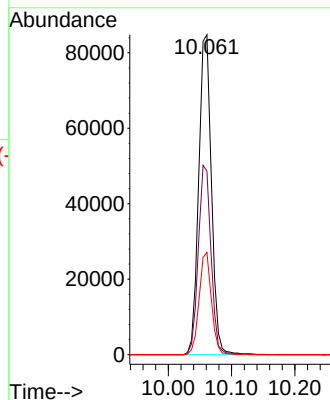
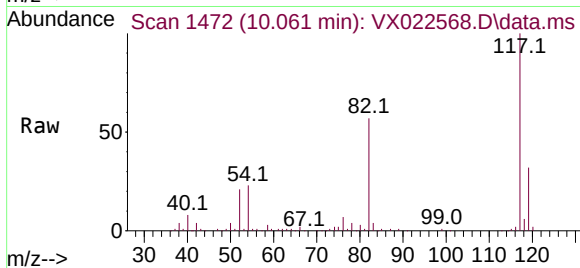




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

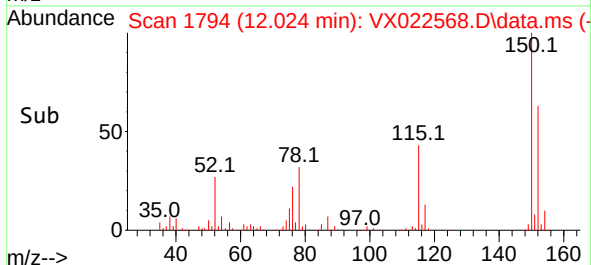
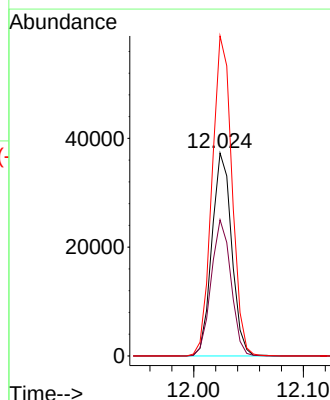
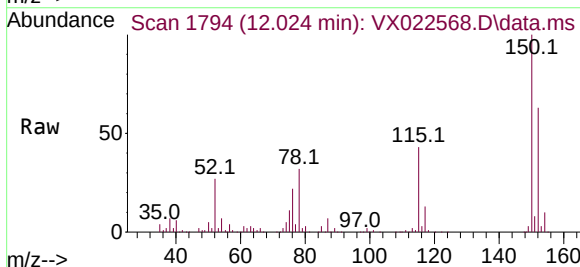
Instrument :
MSVOA_X
ClientSampled :

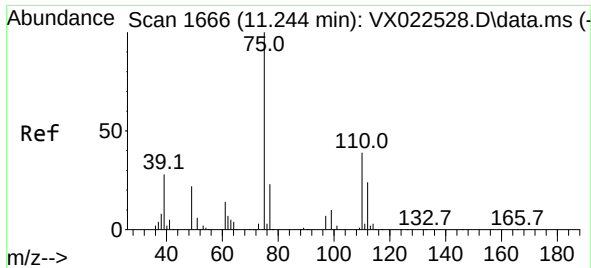
Tgt Ion:117 Resp: 118970
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

Tgt Ion:152 Resp: 46682
Ion Ratio Lower Upper
152 100
115 67.1 41.1 123.3
150 158.9 0.0 349.0

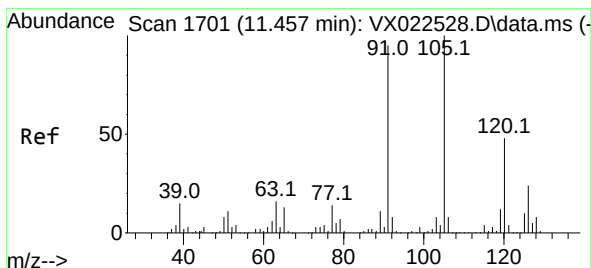
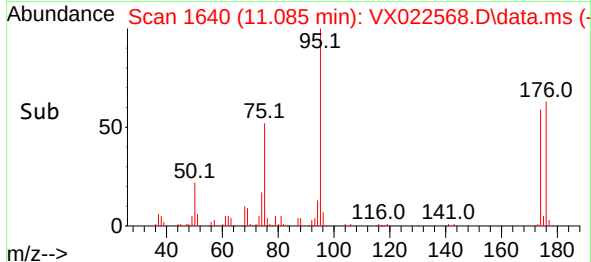
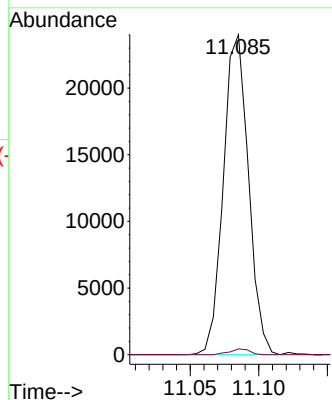
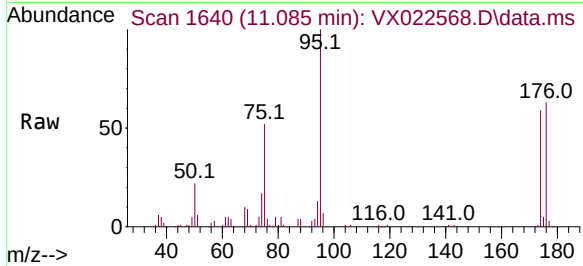




#76
1,2,3-Trichloropropane
Concen: 25.289 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

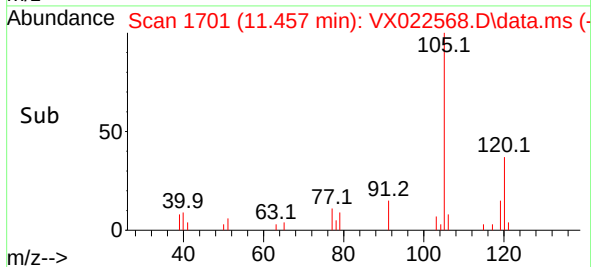
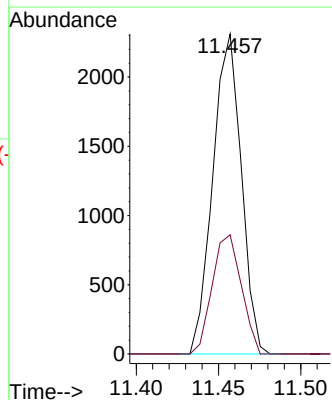
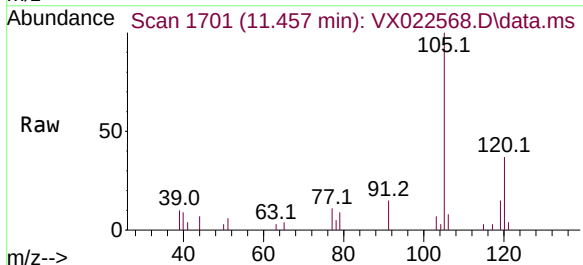
Instrument :
MSVOA_X
ClientSampled :

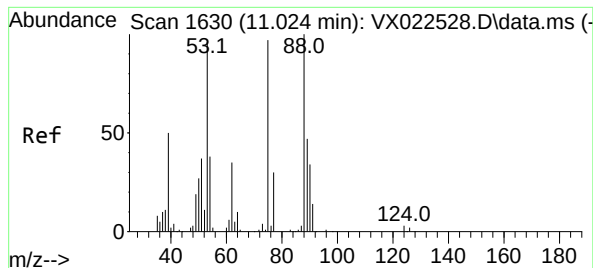
Tgt Ion: 75 Resp: 30583
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.855 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022568.D
Acq: 08 Jun 2021 16:54

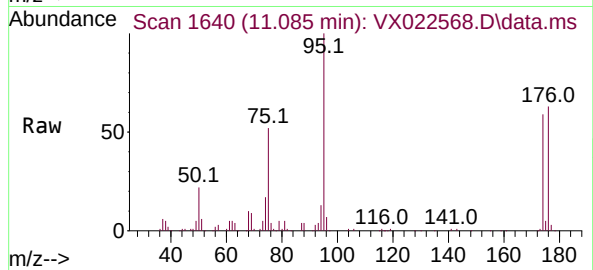
Tgt Ion: 105 Resp: 2778
Ion Ratio Lower Upper
105 100
120 38.1 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.513 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022568.D
 Acq: 08 Jun 2021 16:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30583
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

