

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023581.D
 Acq On : 05 Aug 2021 18:35
 Operator : JC/MD
 Sample : M3298-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1928-1930

Quant Time: Aug 06 03:25:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

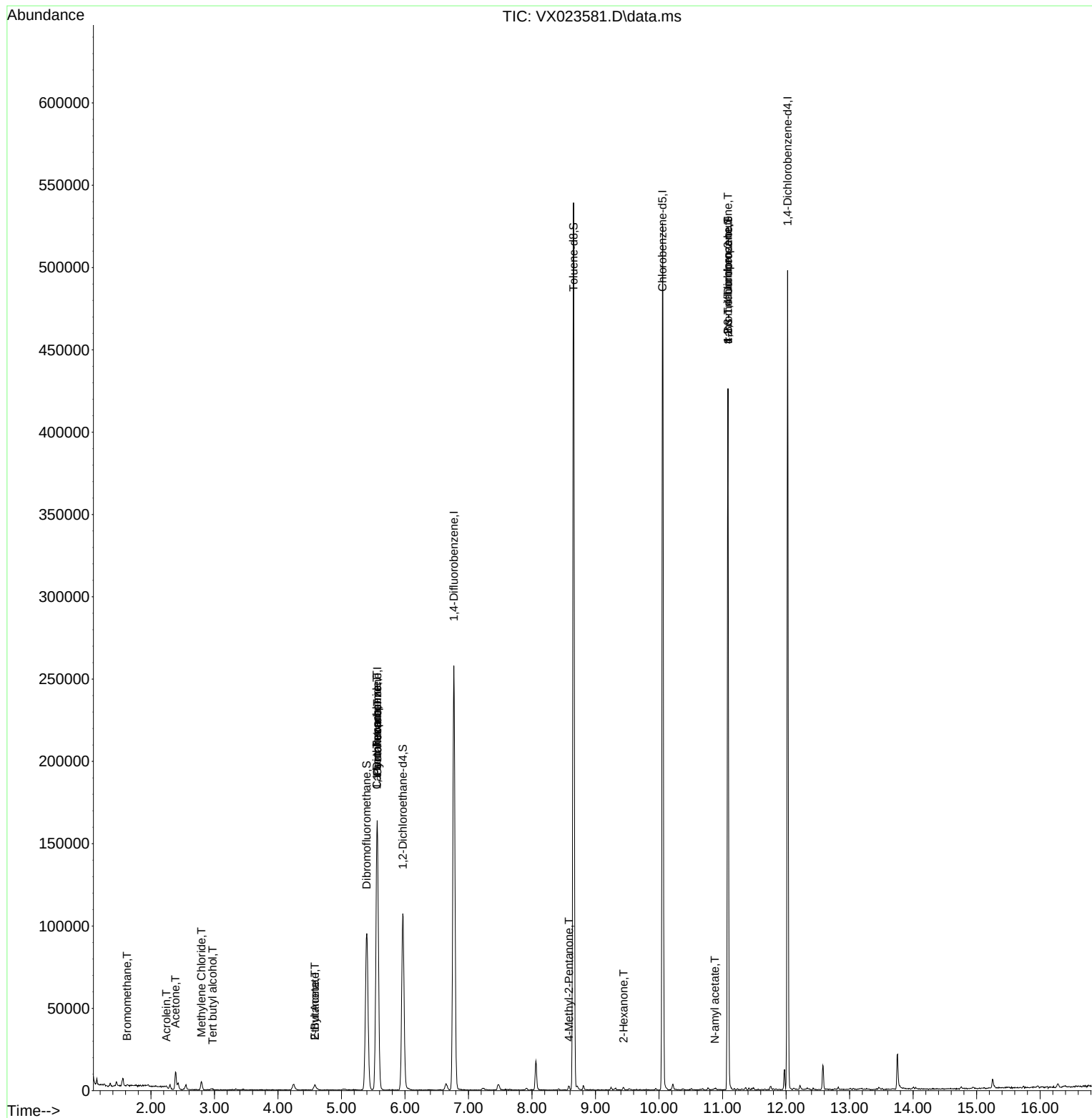
Internal Standards						
1) Pentafluorobenzene	5.562	168	154351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103799	53.911	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.820%	
35) Dibromofluoromethane	5.397	113	83029	51.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.720%	
50) Toluene-d8	8.653	98	311334	52.420	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	11.085	95	104763	51.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	443	0.446	ug/l #	40
11) Tert butyl alcohol	2.971	59	593	1.348	ug/l #	73
13) Acrolein	2.239	56	61	1.635	ug/l #	1
16) Acetone	2.386	43	11332	11.998	ug/l #	85
20) Methylene Chloride	2.794	84	2030	1.105	ug/l	94
25) 2-Butanone	4.580	43	3960	2.701	ug/l	89
31) Cyclohexane	5.562	56	3504	1.229	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	11995	5.129	ug/l #	48
37) Ethyl Acetate	4.580	43	3960	1.343	ug/l #	64
38) Carbon Tetrachloride	5.556	117	15377	6.465	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	1598	0.572	ug/l #	77
59) 2-Hexanone	9.439	43	1041	0.490	ug/l	80
74) N-amyl acetate	10.878	43	676	0.204	ug/l #	51
76) 1,2,3-Trichloropropane	11.085	75	55667	26.264	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55667	70.620	ug/l #	12

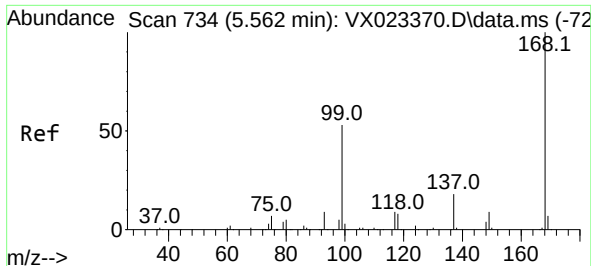
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
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Quant Time: Aug 06 03:25:12 2021
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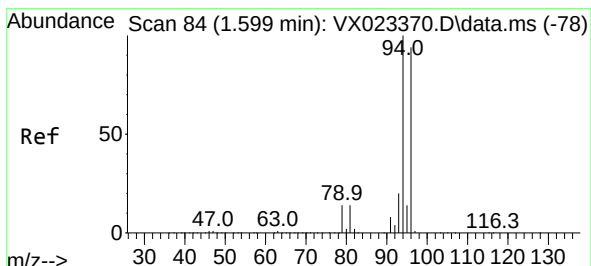
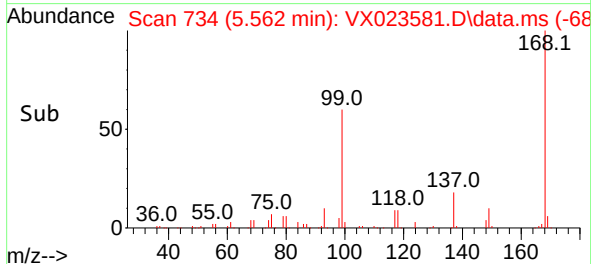
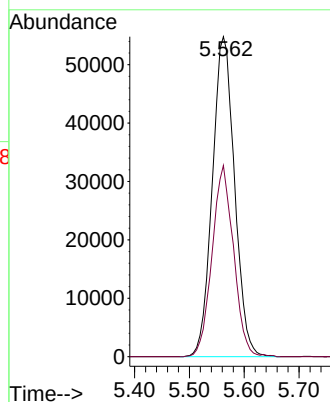
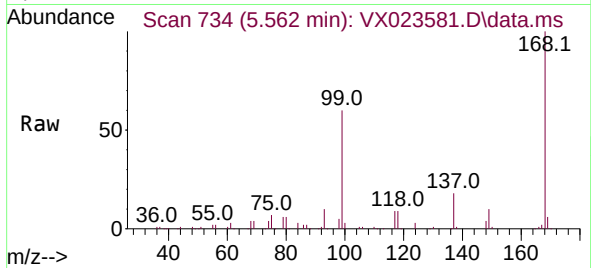




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

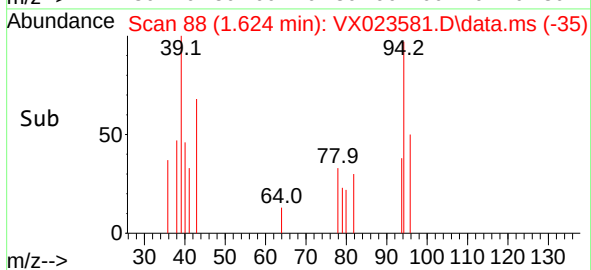
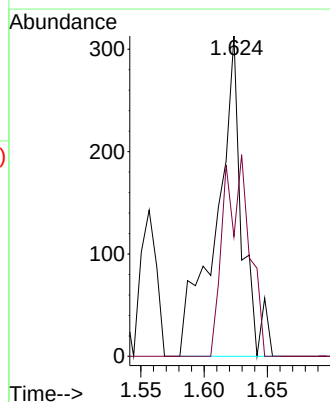
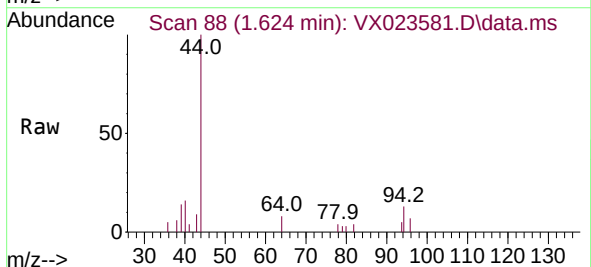
Instrument :
MSVOA_X
ClientSampleId :
1928-1930

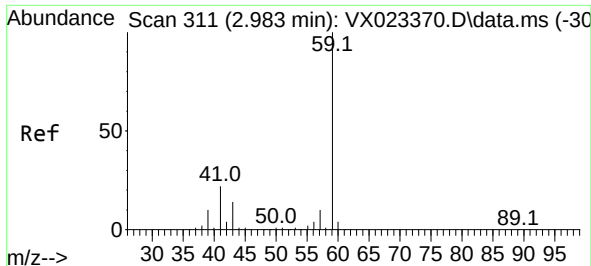
Tgt Ion:168 Resp: 154351
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#5
Bromomethane
Concen: 0.446 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Tgt Ion: 94 Resp: 443
Ion Ratio Lower Upper
94 100
96 37.4 76.4 114.6#



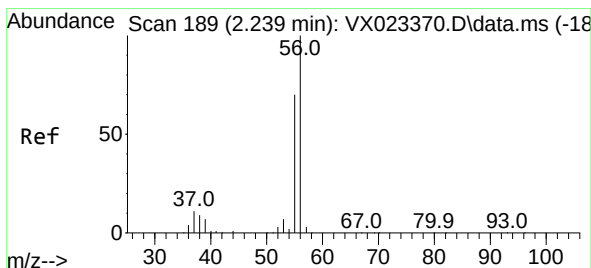
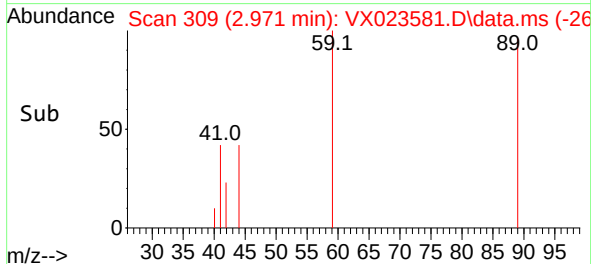
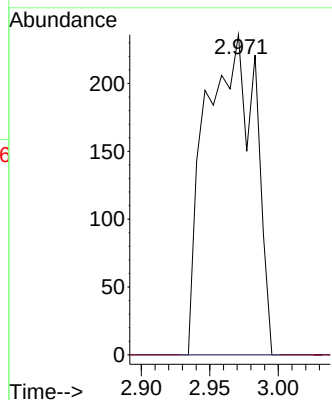
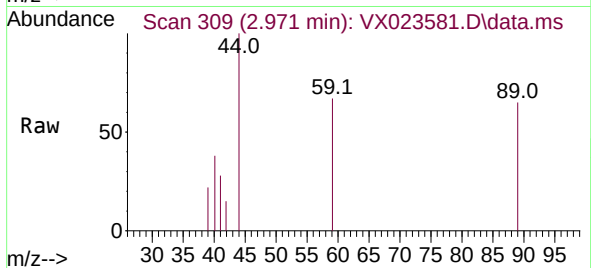


#11

Tert butyl alcohol
Concen: 1.348 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Instrument :
MSVOA_X
ClientSampled :
1928-1930

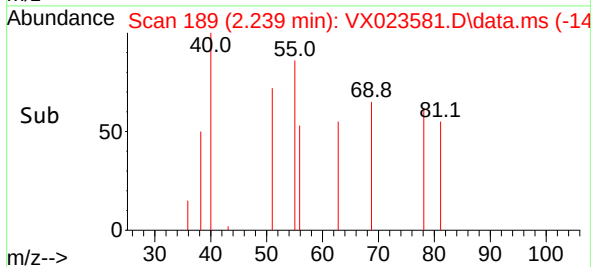
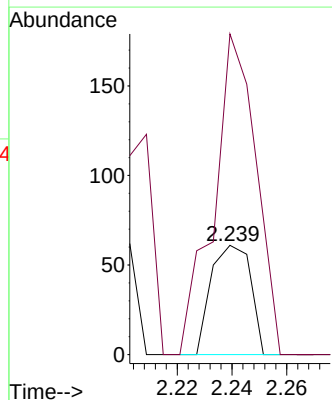
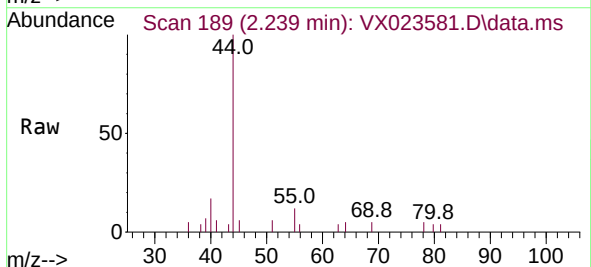
Tgt Ion: 59 Resp: 593
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

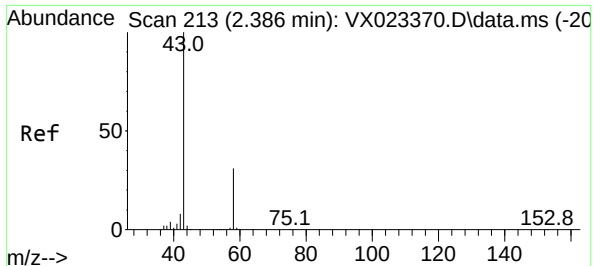


#13

Acrolein
Concen: 1.635 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 316.4 56.4 84.6#

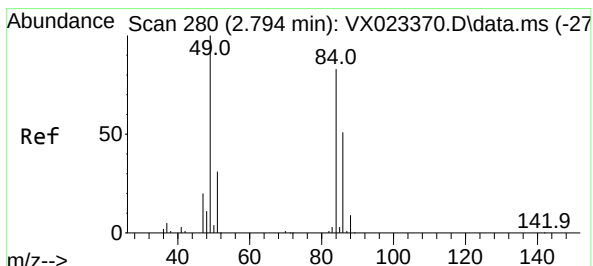
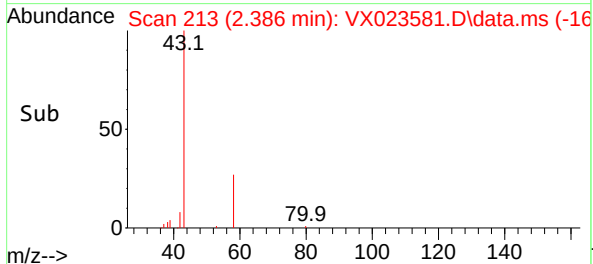
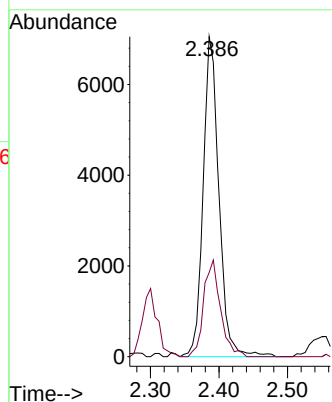
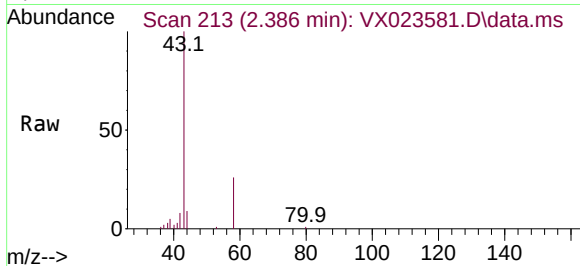




#16
Acetone
Concen: 11.998 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

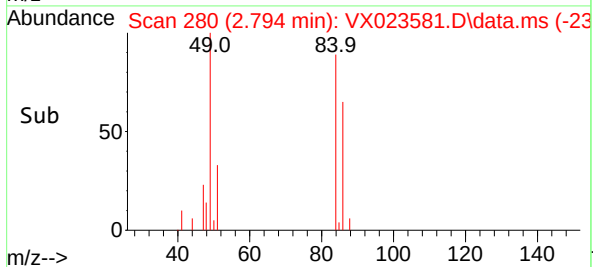
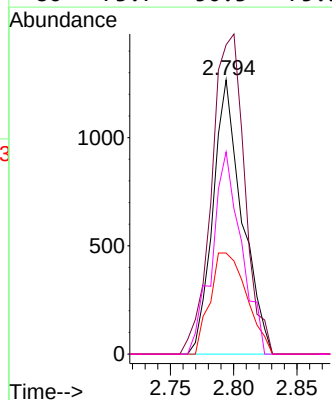
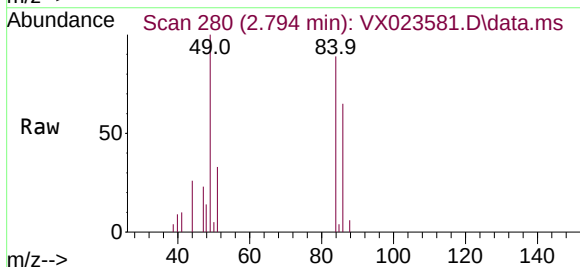
Instrument :
MSVOA_X
ClientSampled :
1928-1930

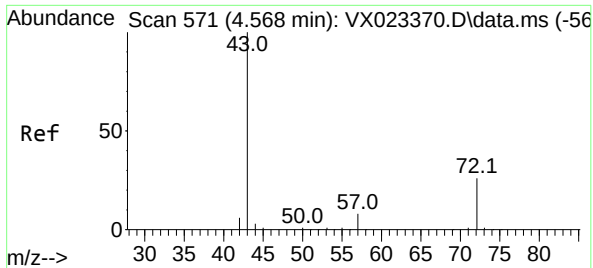
Tgt Ion: 43 Resp: 11332
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#



#20
Methylene Chloride
Concen: 1.105 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Tgt Ion: 84 Resp: 2030
Ion Ratio Lower Upper
84 100
49 112.8 88.6 132.8
51 36.9 27.0 40.6
86 73.7 50.3 75.5

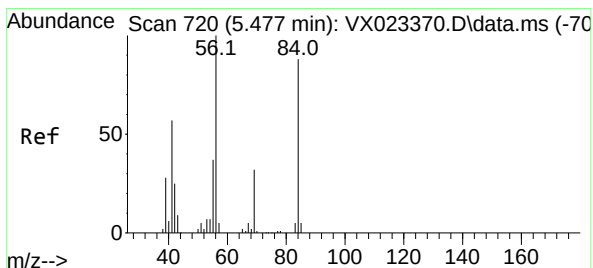
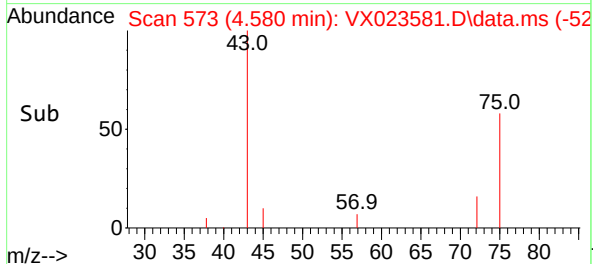
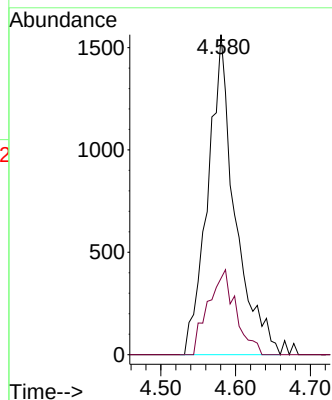
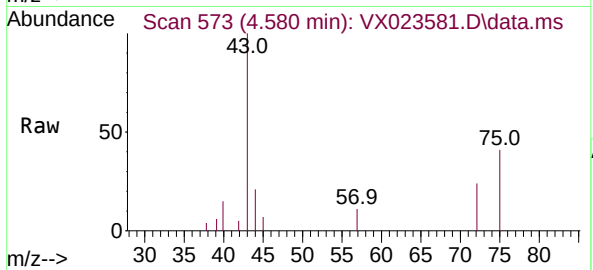




#25
2-Butanone
Concen: 2.701 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

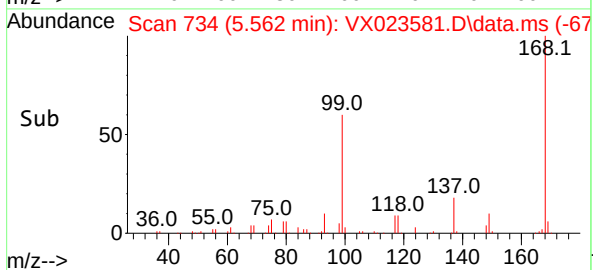
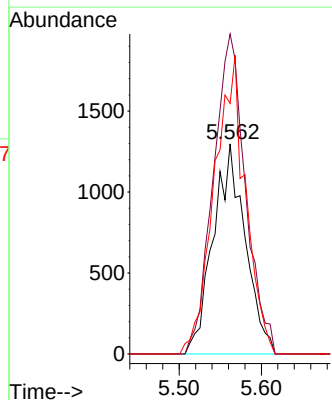
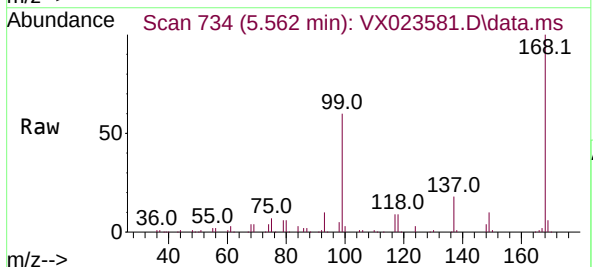
Instrument :
MSVOA_X
ClientSampled :
1928-1930

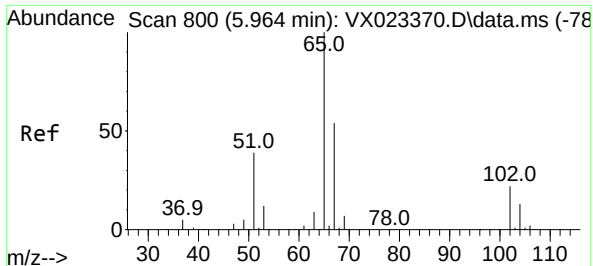
Tgt Ion: 43 Resp: 3960
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Tgt Ion: 56 Resp: 3504
Ion Ratio Lower Upper
56 100
69 152.4 25.3 37.9#
84 119.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.911 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023581.D

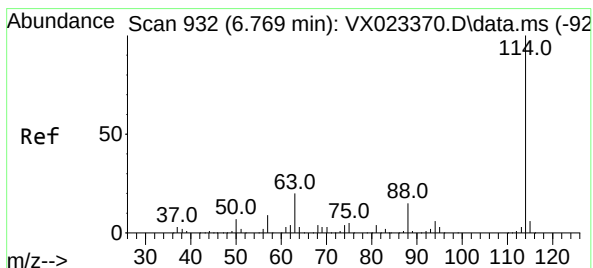
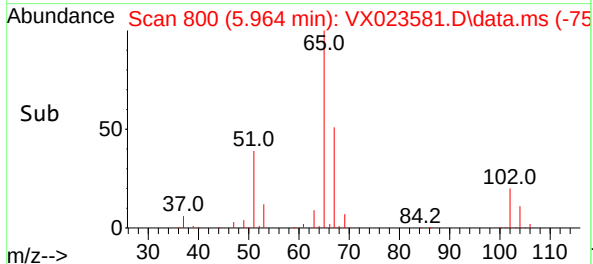
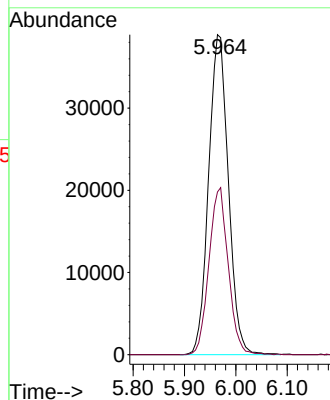
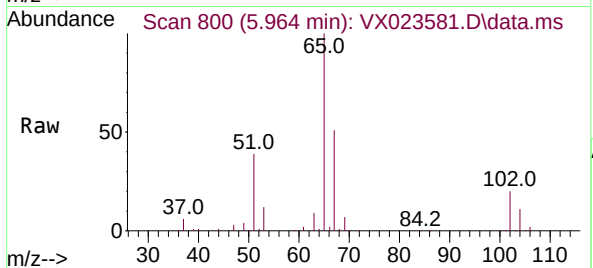
Acq: 05 Aug 2021 18:35

Tgt Ion: 65 Resp: 103799

Ion Ratio Lower Upper

65 100

67 51.0 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: VX023581.D

Acq: 05 Aug 2021 18:35

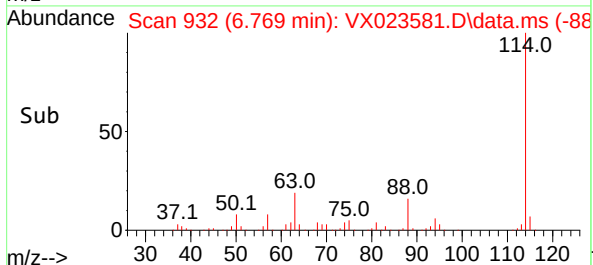
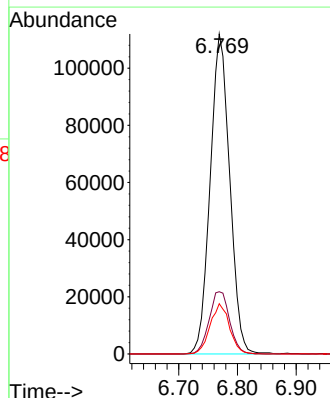
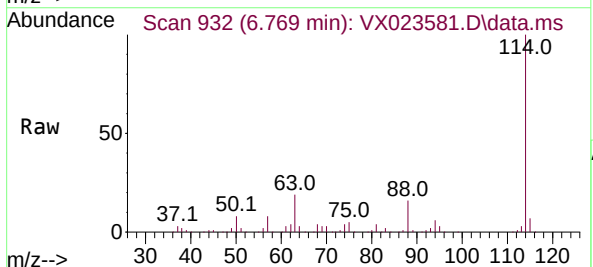
Tgt Ion: 114 Resp: 258545

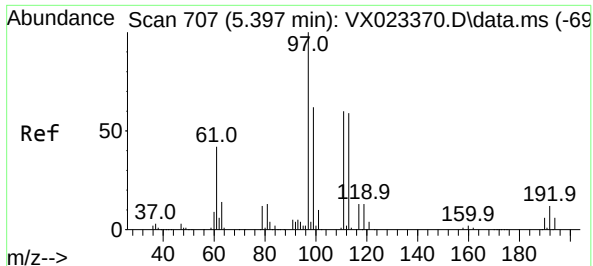
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.362 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023581.D

Acq: 05 Aug 2021 18:35

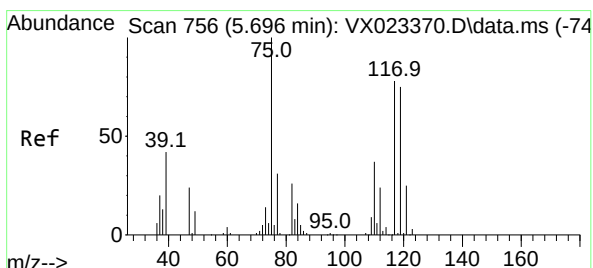
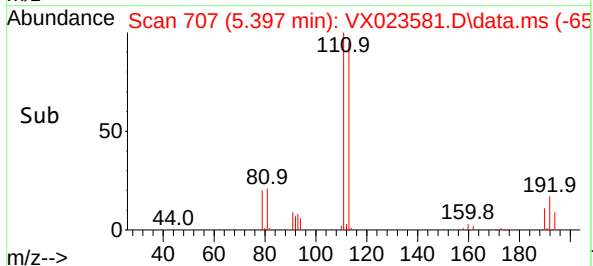
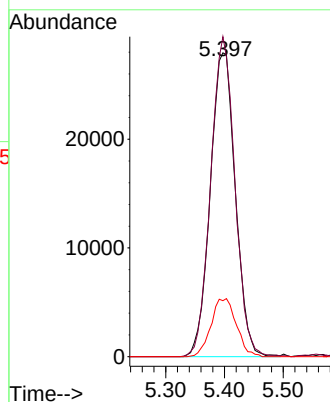
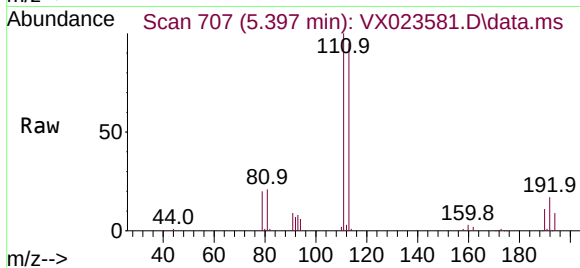
Tgt Ion:113 Resp: 83029

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.129 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023581.D

Acq: 05 Aug 2021 18:35

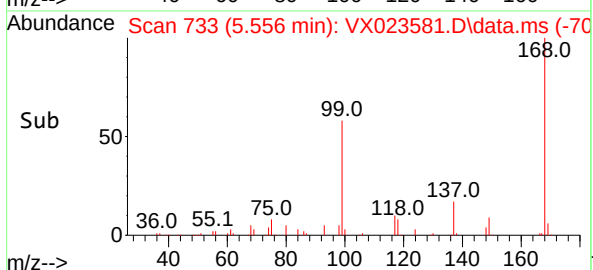
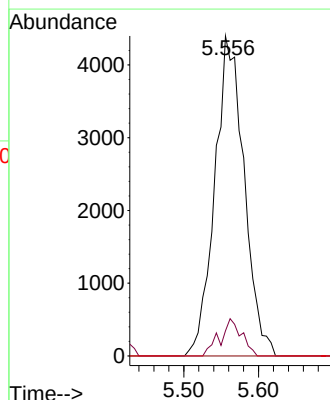
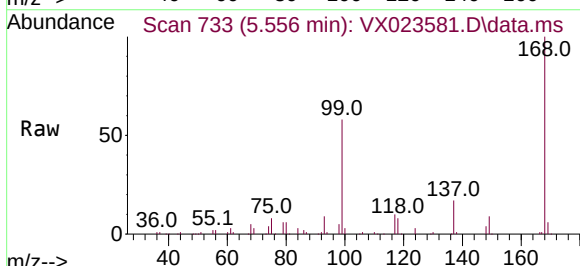
Tgt Ion: 75 Resp: 11995

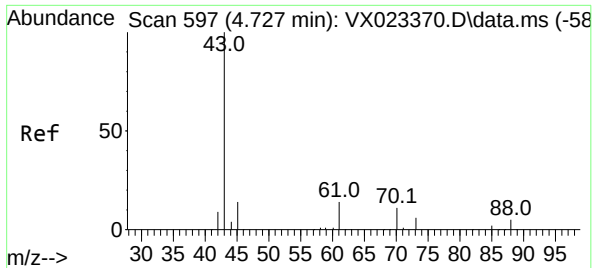
Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.4#

77 0.0 25.3 37.9#

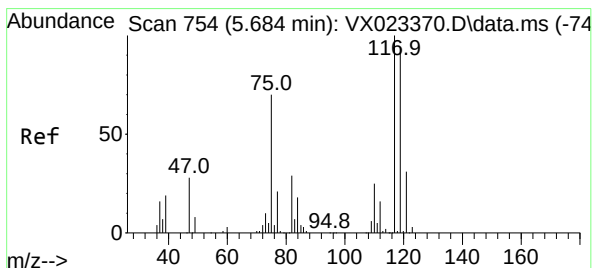
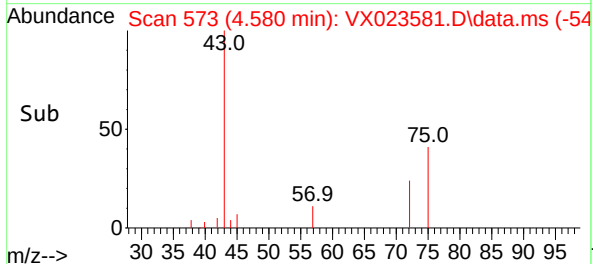
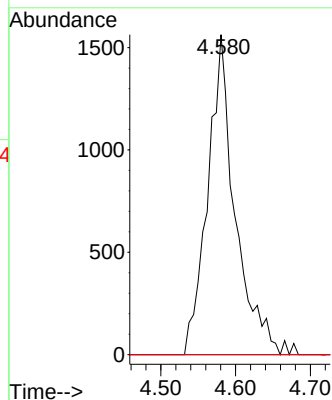
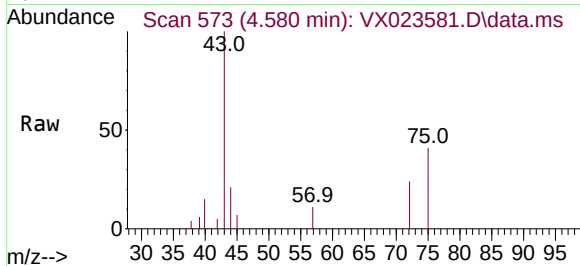




#37
Ethyl Acetate
Concen: 1.343 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

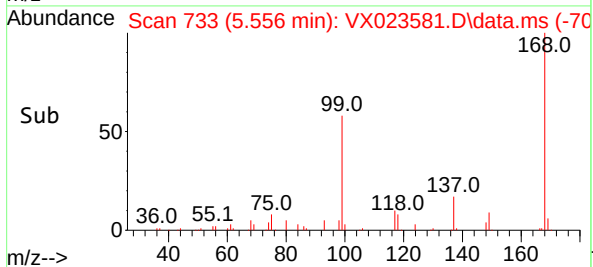
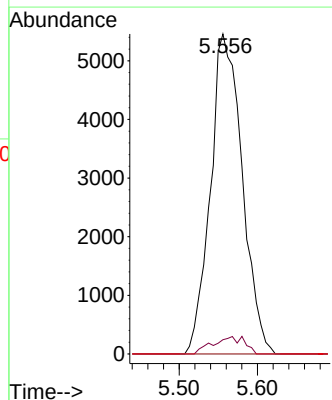
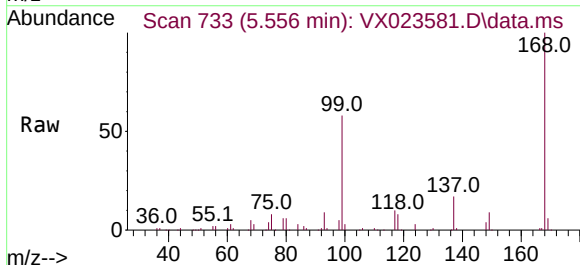
Instrument :
MSVOA_X
ClientSampled :
1928-1930

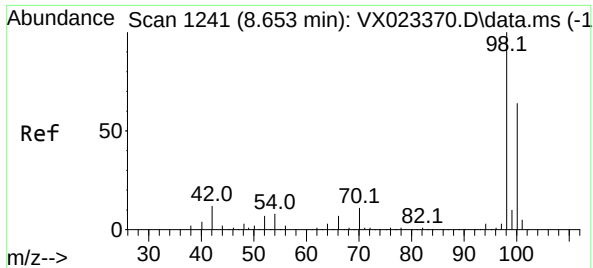
Tgt Ion:	43	Resp:	3960
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Tgt Ion:	117	Resp:	15377
Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 52.420 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023581.D

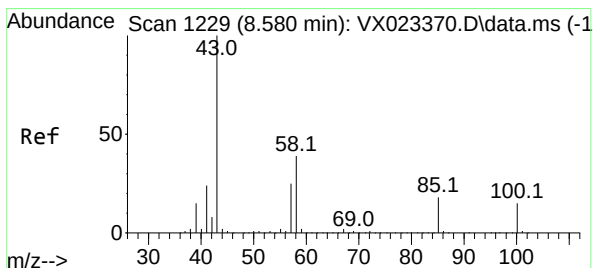
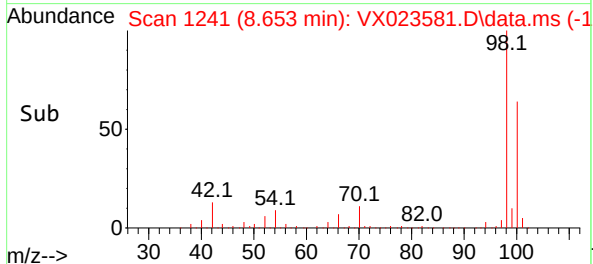
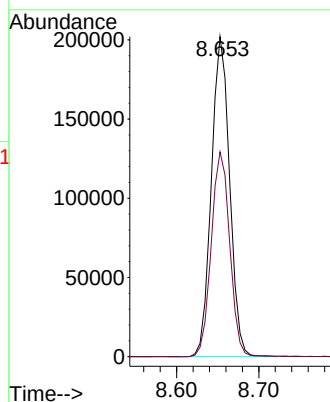
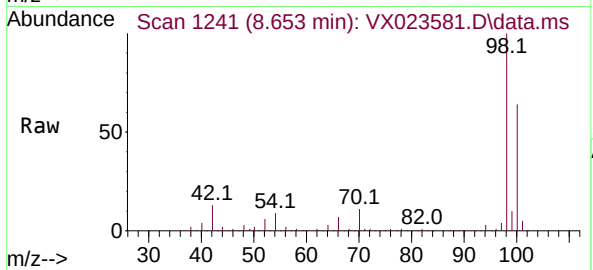
Acq: 05 Aug 2021 18:35

Tgt Ion: 98 Resp: 311334

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.572 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX023581.D

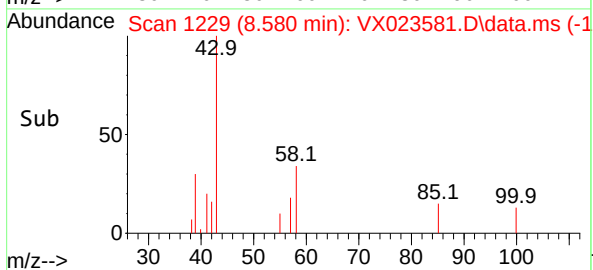
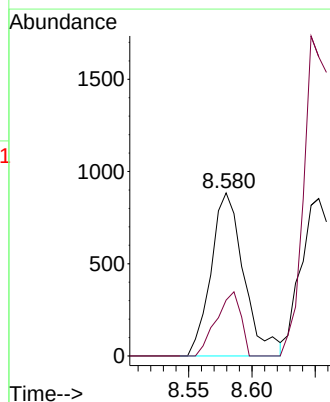
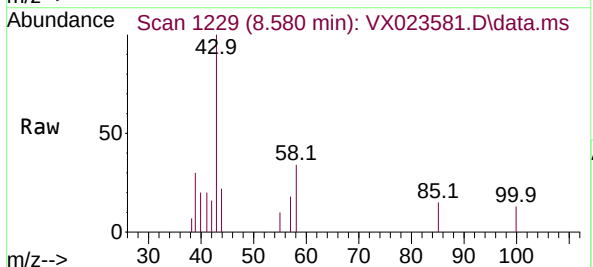
Acq: 05 Aug 2021 18:35

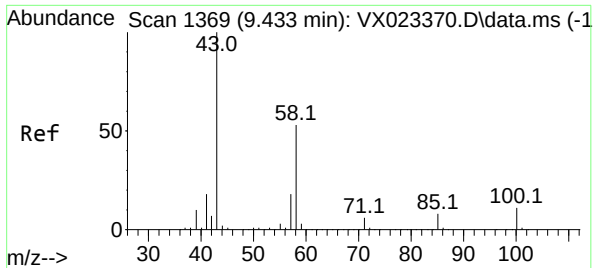
Tgt Ion: 43 Resp: 1598

Ion Ratio Lower Upper

43 100

58 29.3 35.4 53.0#

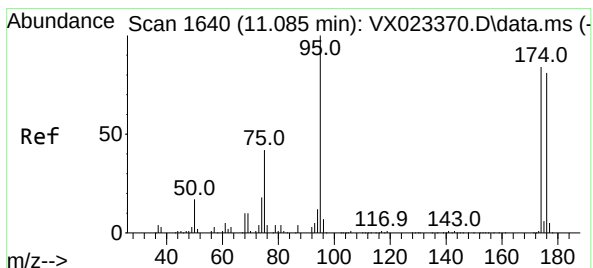
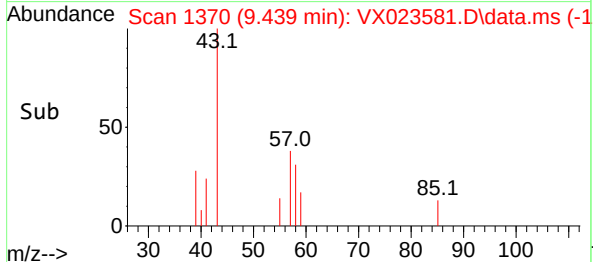
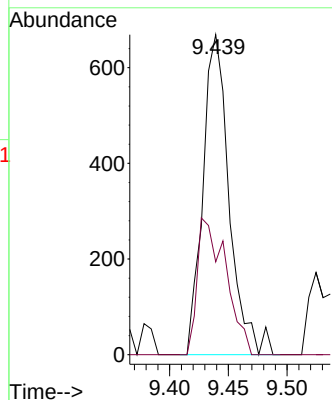
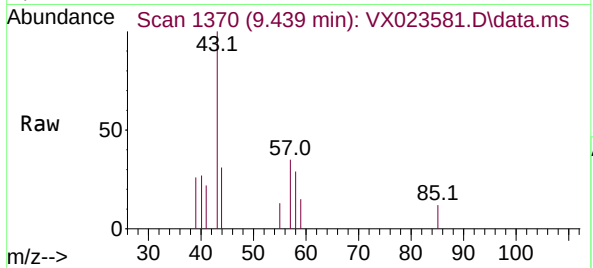




#59
2-Hexanone
Concen: 0.490 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

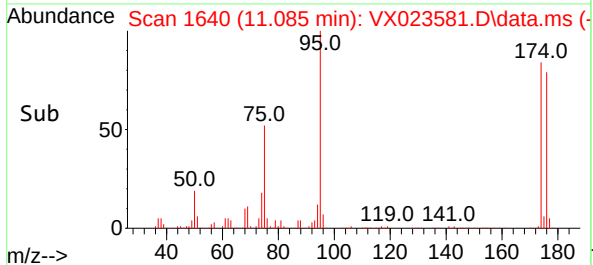
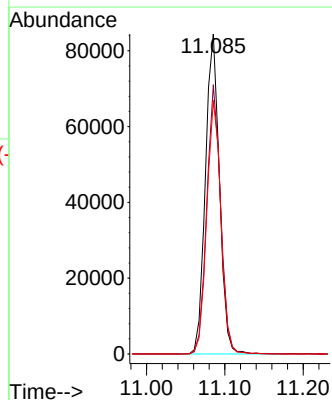
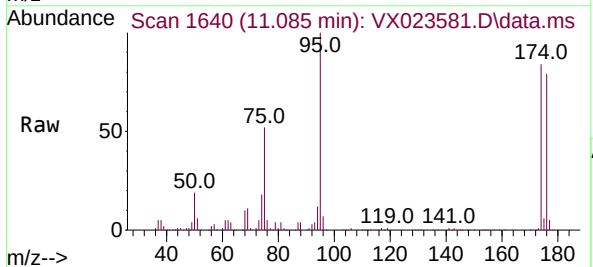
Instrument :
MSVOA_X
ClientSampled :
1928-1930

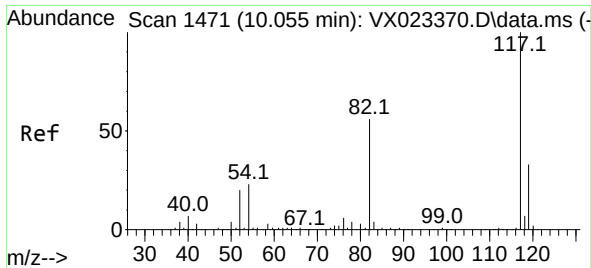
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 46.5 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 51.874 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Tgt Ion: 95 Resp: 104763
Ion Ratio Lower Upper
95 100
174 83.3 0.0 154.6
176 79.8 0.0 155.8

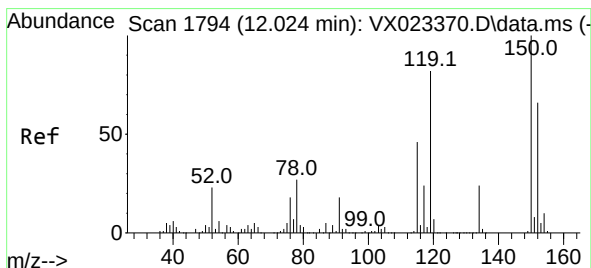
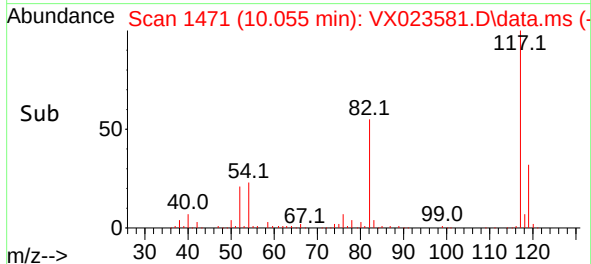
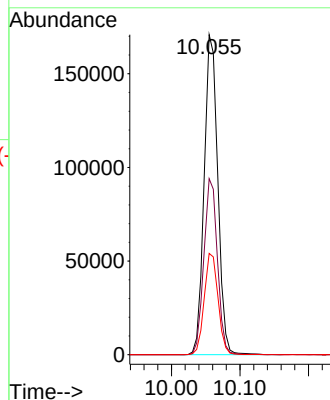
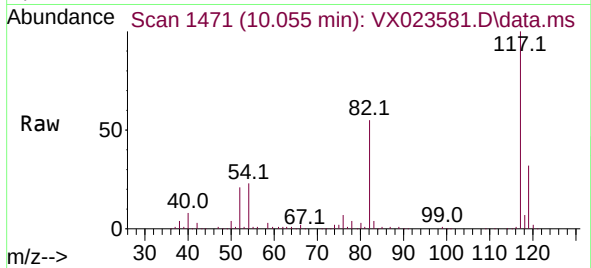




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

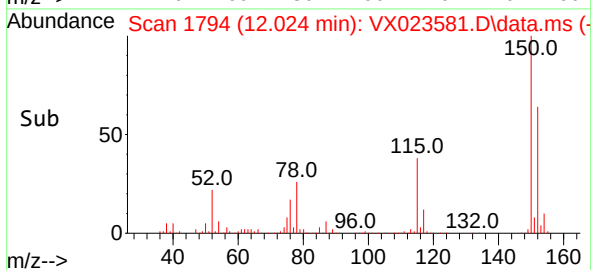
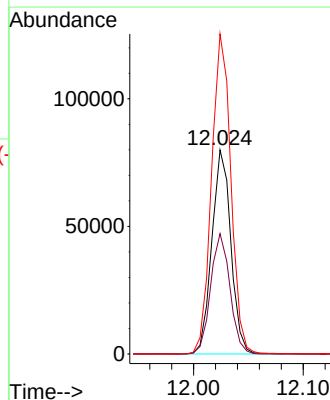
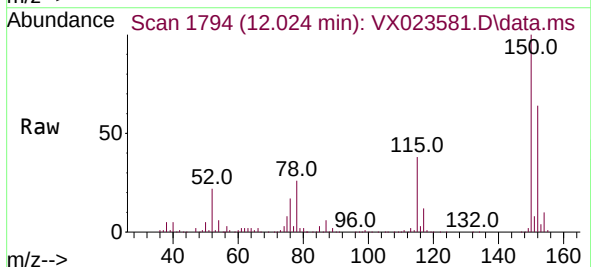
Instrument :
MSVOA_X
ClientSampled :
1928-1930

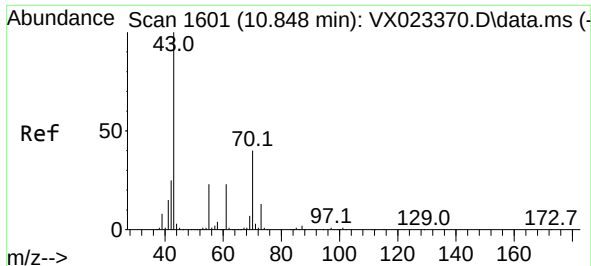
Tgt Ion:117 Resp: 236890
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Tgt Ion:152 Resp: 96317
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 159.7 0.0 349.0

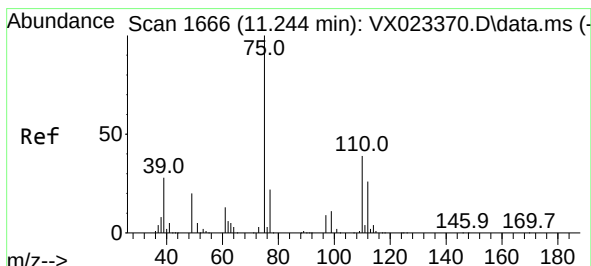
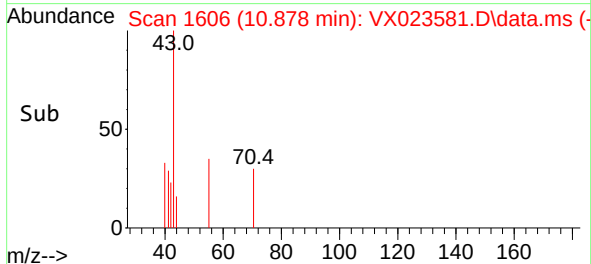
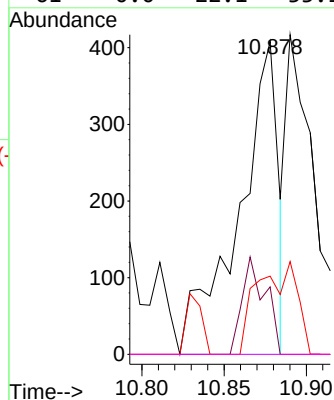
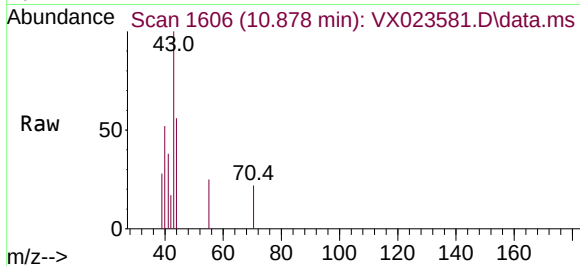




#74
N-amy1 acetate
Concen: 0.204 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.030 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

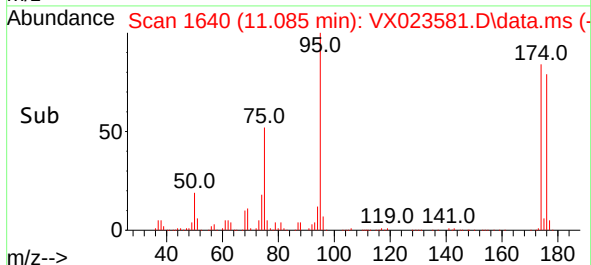
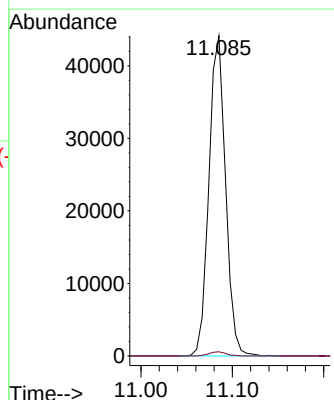
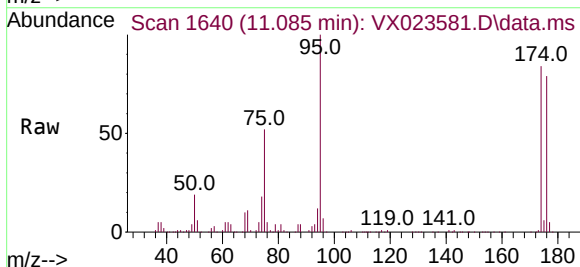
Instrument :
MSVOA_X
ClientSampled :
1928-1930

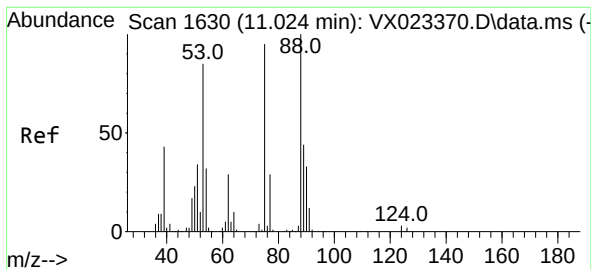
Tgt Ion:	43	Resp:	676
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	29.9	21.5	32.3
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 26.264 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023581.D
Acq: 05 Aug 2021 18:35

Tgt Ion:	75	Resp:	55667
Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.620 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023581.D
 Acq: 05 Aug 2021 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 1928-1930

Tgt Ion: 75 Resp: 55667
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

