

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022369.D
 Acq On : 03 Jun 2021 16:23
 Operator : JC/MD
 Sample : M2577-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Quant Time: Jun 04 03:52:16 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	58339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	112346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44147	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51455	57.18	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.36%
35) Dibromofluoromethane	5.397	113	37425	47.12	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.24%
50) Toluene-d8	8.652	98	152693	49.91	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.82%
62) 4-Bromofluorobenzene	11.085	95	54975	48.61	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.22%

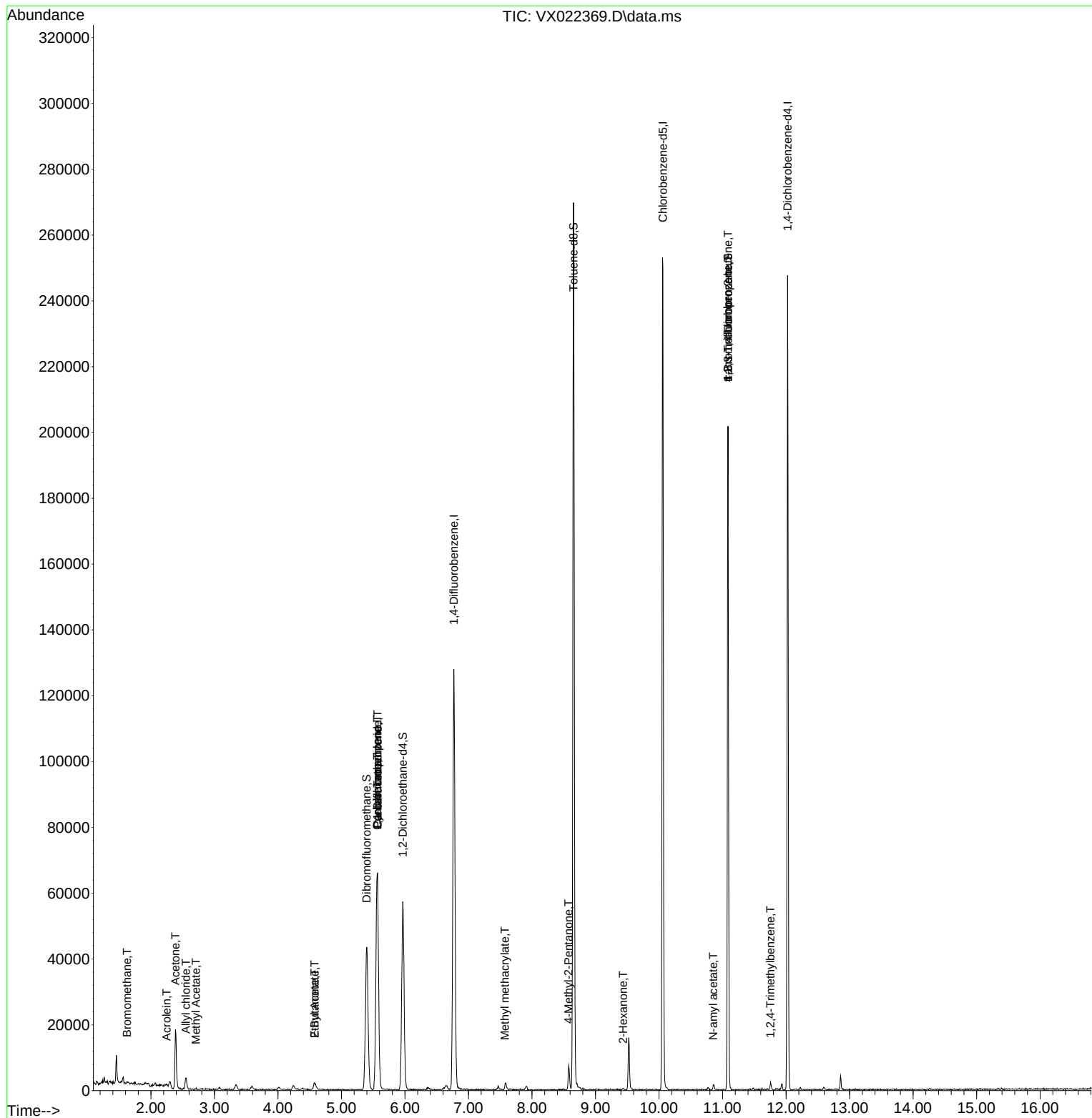
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.623	94	242	0.51	ug/l #	2
13) Acrolein	2.245	56	321	2.35	ug/l #	37
14) Allyl chloride	2.550	41	402	0.33	ug/l #	7
16) Acetone	2.385	43	18346	46.82	ug/l	98
18) Methyl Acetate	2.708	43	216	0.21	ug/l #	47
25) 2-Butanone	4.574	43	3971	6.26	ug/l #	87
31) Cyclohexane	5.562	56	1662	1.47	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	5628	4.86	ug/l #	47
37) Ethyl Acetate	4.574	43	3971	2.80	ug/l #	64
38) Carbon Tetrachloride	5.568	117	6823	6.02	ug/l #	16
48) Methyl methacrylate	7.573	41	667	0.62	ug/l #	35
51) 4-Methyl-2-Pentanone	8.573	43	4720	3.39	ug/l	87
59) 2-Hexanone	9.433	43	360	0.34	ug/l #	51
74) N-amyl acetate	10.853	43	454	0.26	ug/l #	59
76) 1,2,3-Trichloropropane	11.085	75	28858	26.50	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28858	62.78	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	654	0.21	ug/l #	31

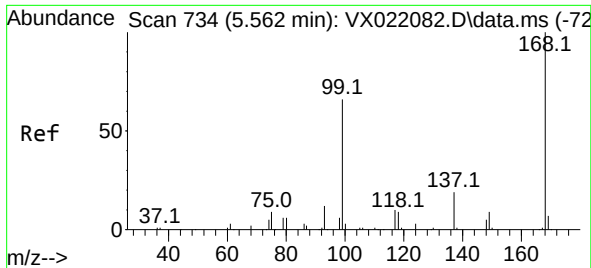
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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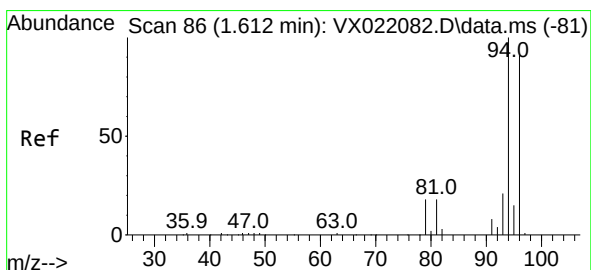
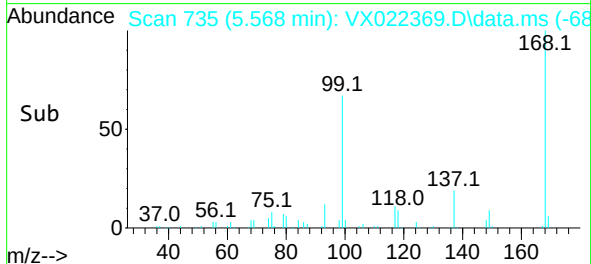
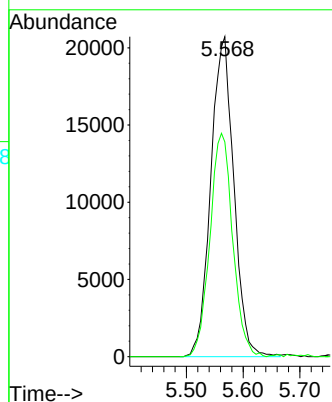
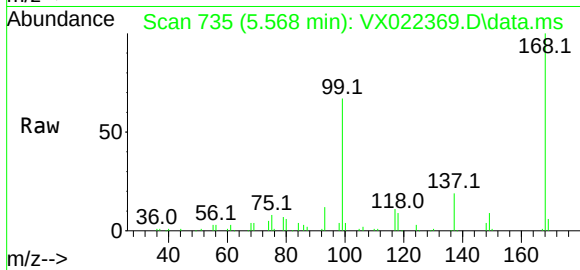




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

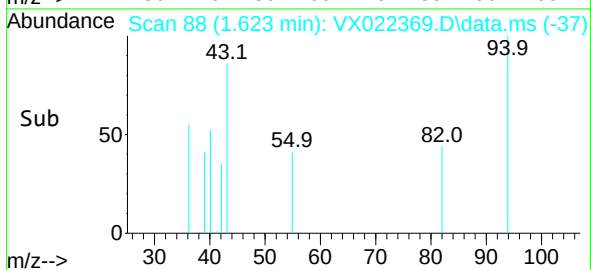
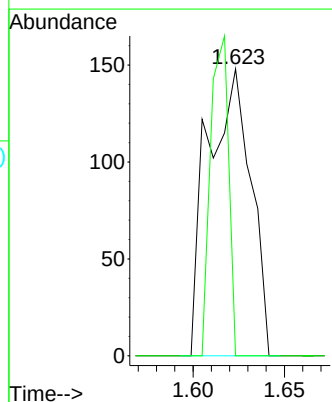
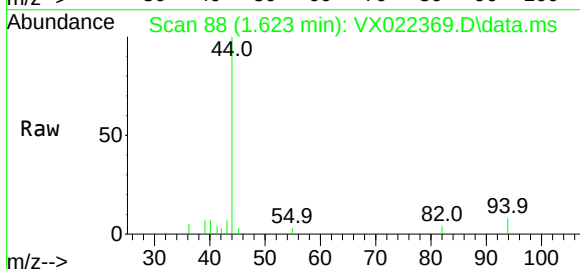
Instrument :
MSVOA_X
ClientSampled :
OF-1

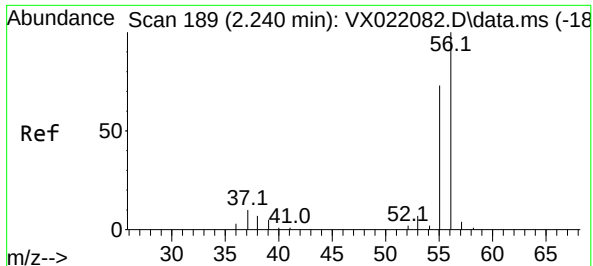
Tgt Ion:168 Resp: 58339
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6



#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.011 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

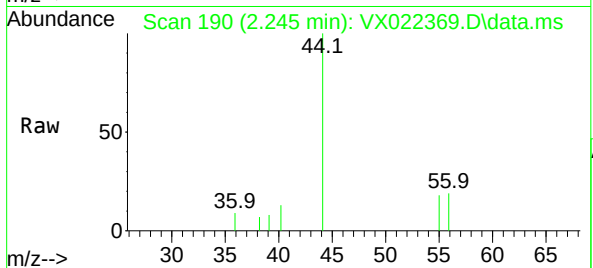
Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



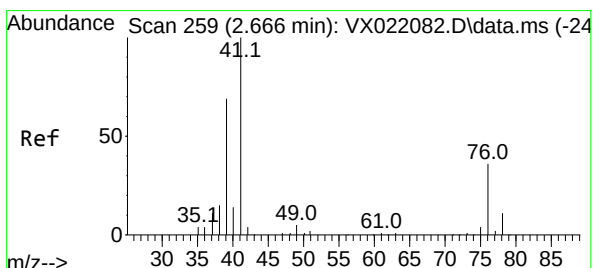
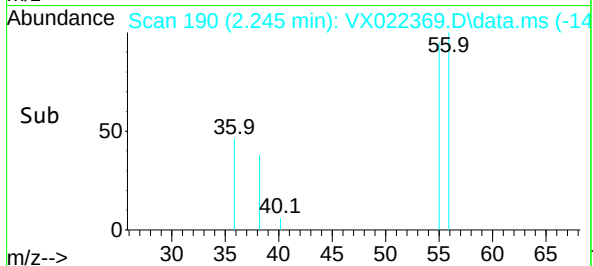
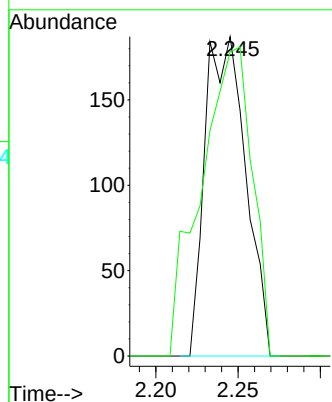


#13
Acrolein
Concen: 2.35 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Instrument :
MSVOA_X
ClientSampled :
OF-1

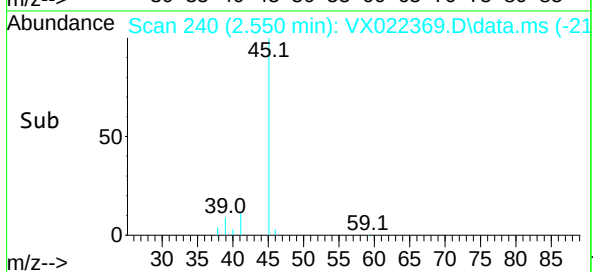
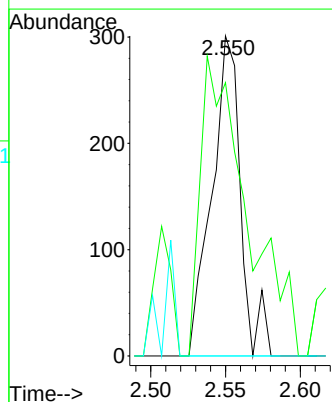
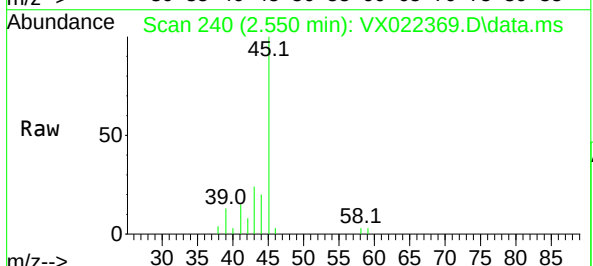


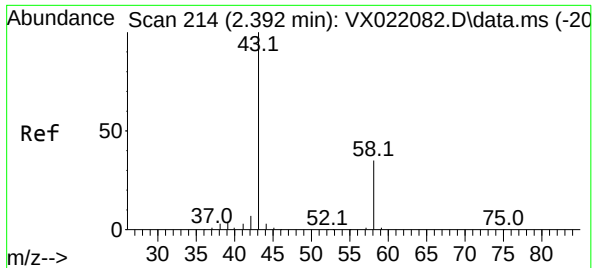
Tgt Ion: 56 Resp: 321
Ion Ratio Lower Upper
56 100
55 122.1 56.4 84.6#



#14
Allyl chloride
Concen: 0.33 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 41 Resp: 402
Ion Ratio Lower Upper
41 100
39 152.0 51.6 77.4#
76 0.0 30.5 45.7#

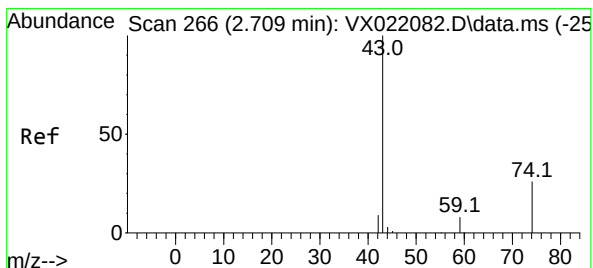
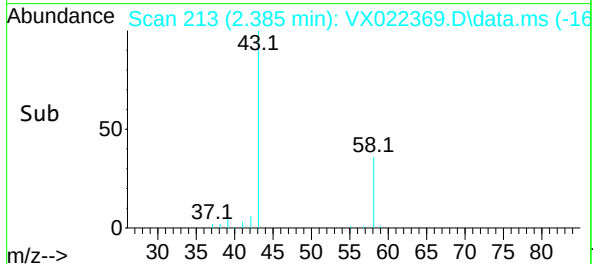
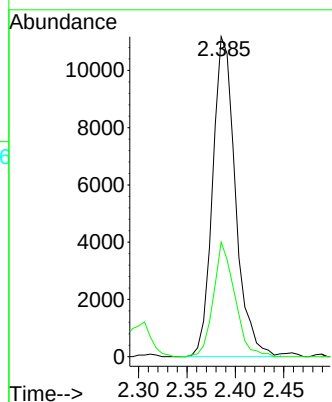
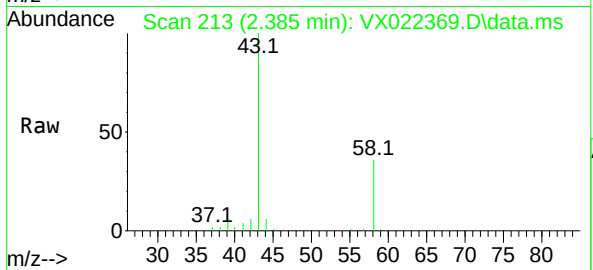




#16
Acetone
Concen: 46.82 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

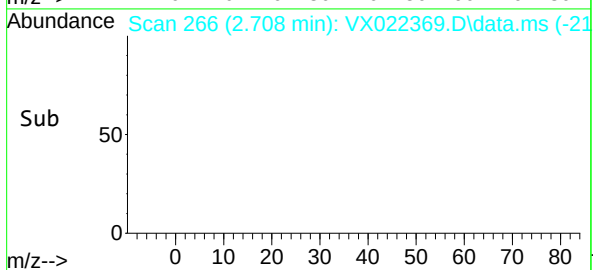
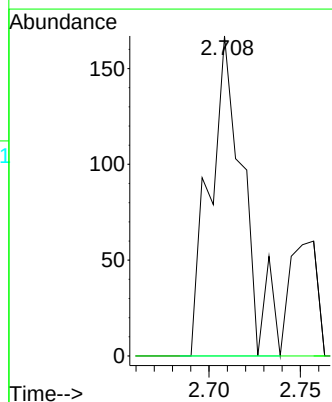
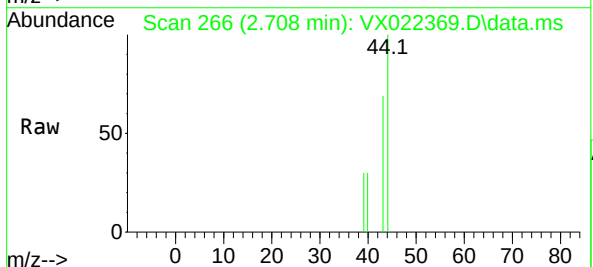
Instrument :
MSVOA_X
ClientSampled :
OF-1

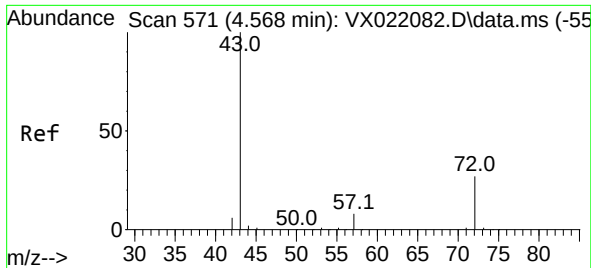
Tgt Ion: 43 Resp: 18346
Ion Ratio Lower Upper
43 100
58 35.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.001 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

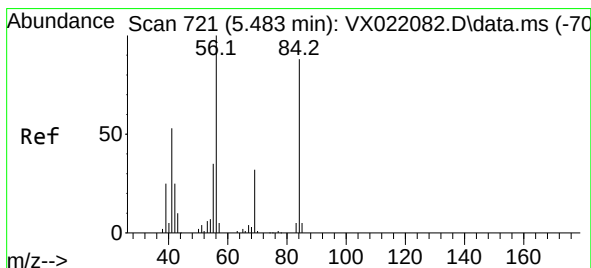
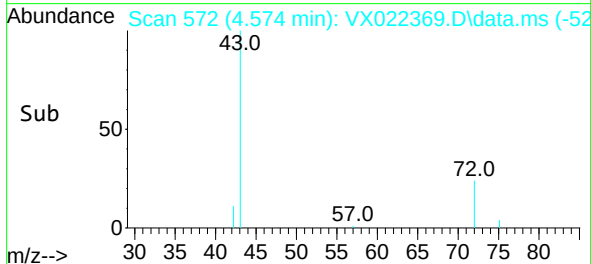
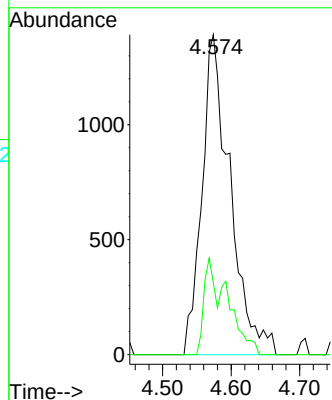
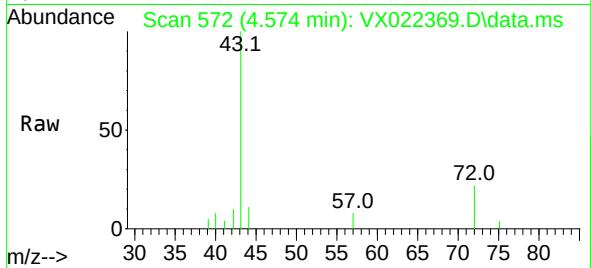




#25
2-Butanone
Concen: 6.26 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

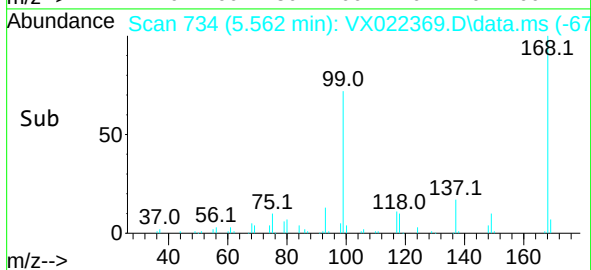
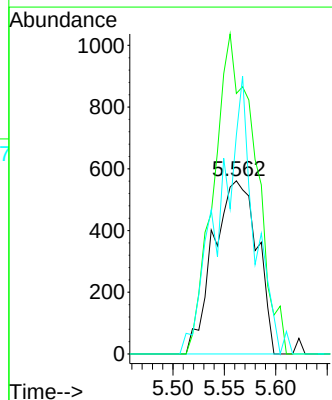
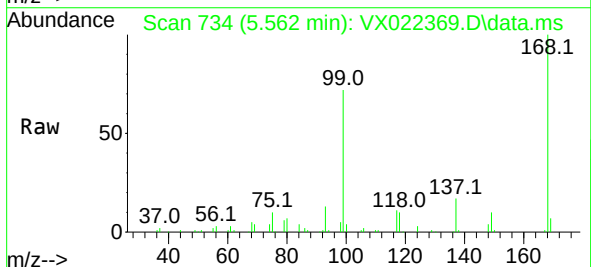
Instrument :
MSVOA_X
ClientSampled :
OF-1

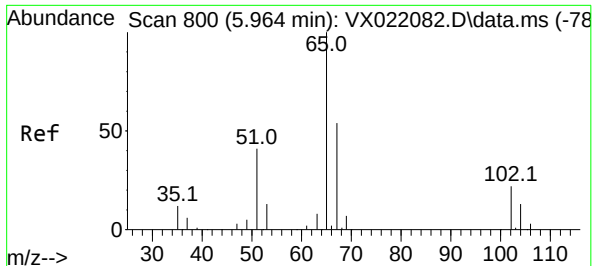
Tgt Ion: 43 Resp: 3971
Ion Ratio Lower Upper
43 100
72 22.4 23.7 35.5#



#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 56 Resp: 1662
Ion Ratio Lower Upper
56 100
69 150.4 25.3 37.9#
84 126.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 57.18 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX022369.D

Acq: 03 Jun 2021 16:23

Tgt Ion: 65 Resp: 51455

Ion Ratio Lower Upper

65 100

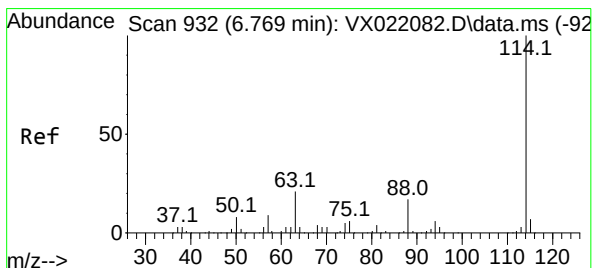
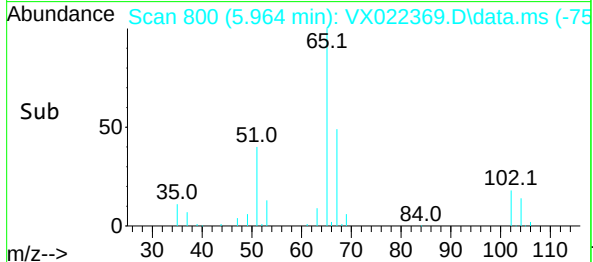
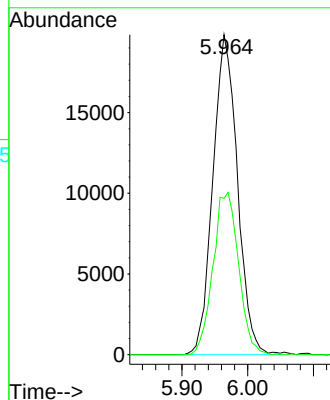
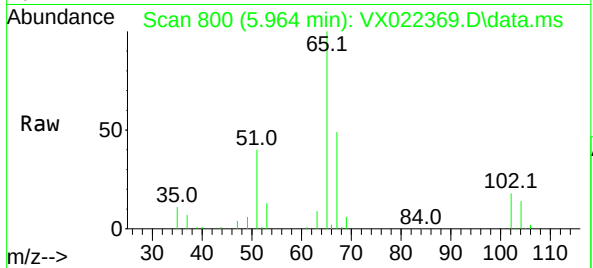
67 52.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :

OF-1



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022369.D

Acq: 03 Jun 2021 16:23

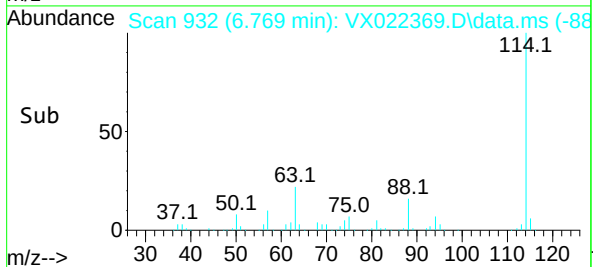
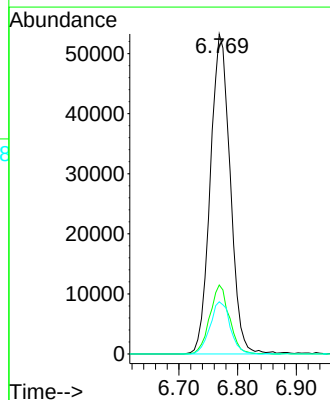
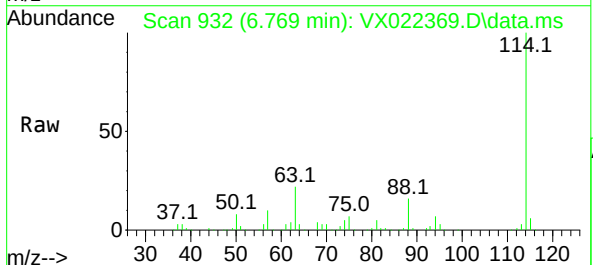
Tgt Ion: 114 Resp: 125246

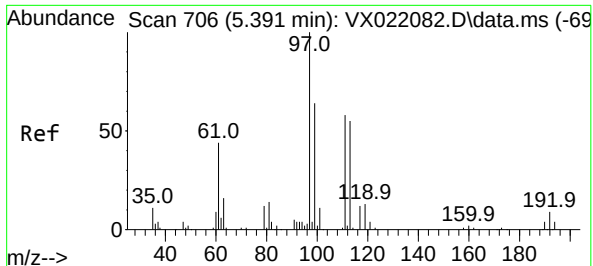
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.12 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022369.D

Acq: 03 Jun 2021 16:23

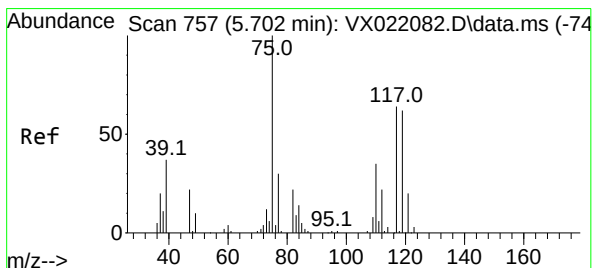
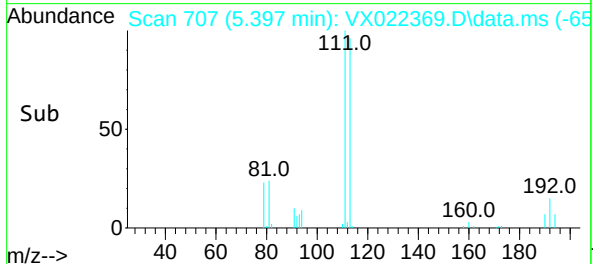
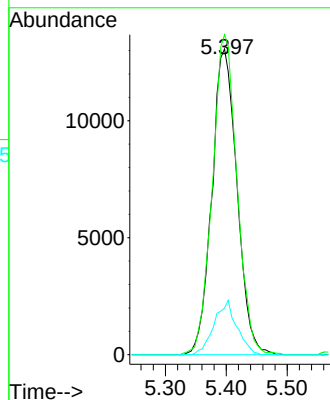
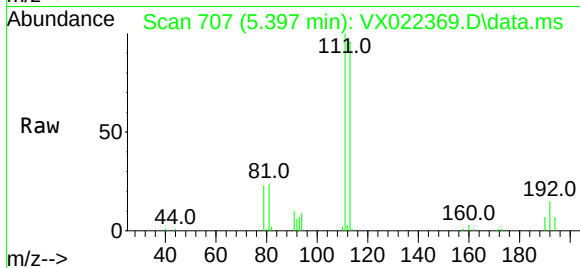
Tgt Ion:113 Resp: 37425

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 16.1 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.86 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022369.D

Acq: 03 Jun 2021 16:23

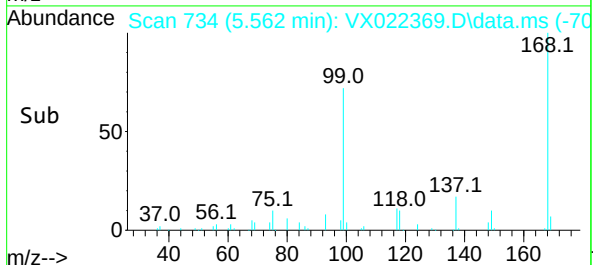
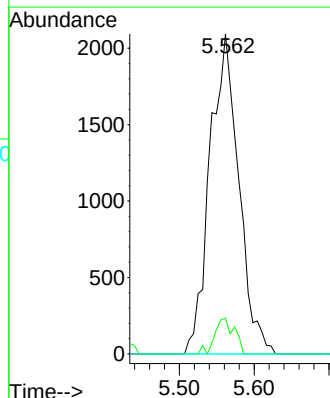
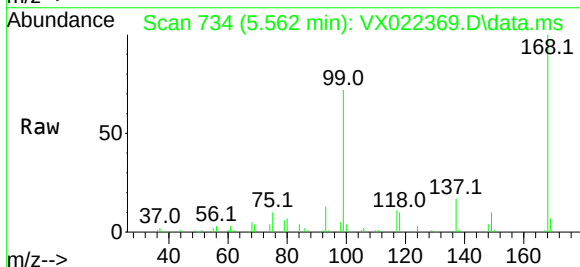
Tgt Ion: 75 Resp: 5628

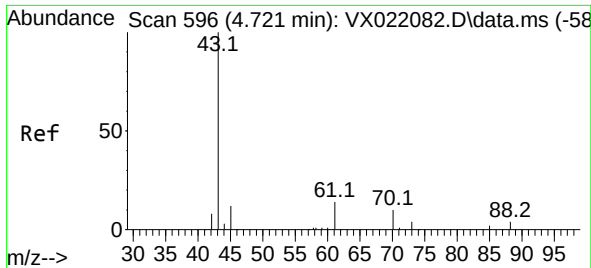
Ion Ratio Lower Upper

75 100

110 7.6 18.1 54.4#

77 0.0 25.3 37.9#

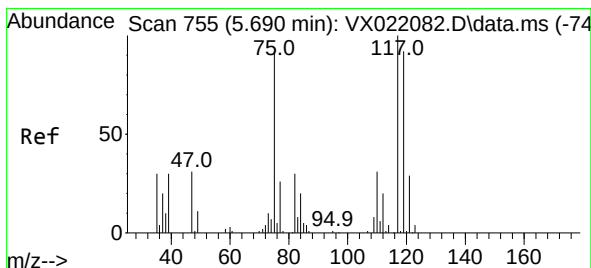
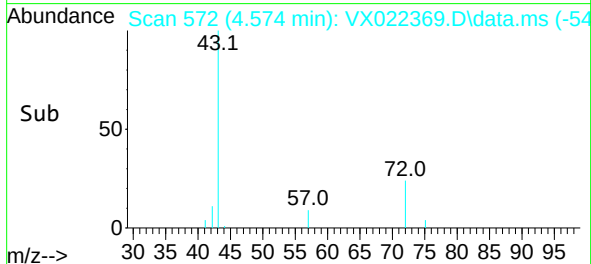
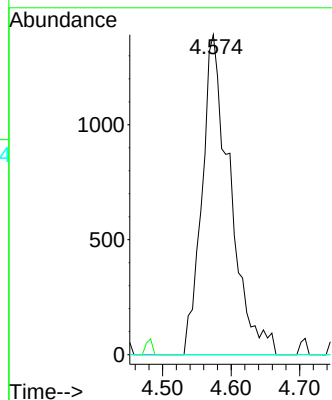
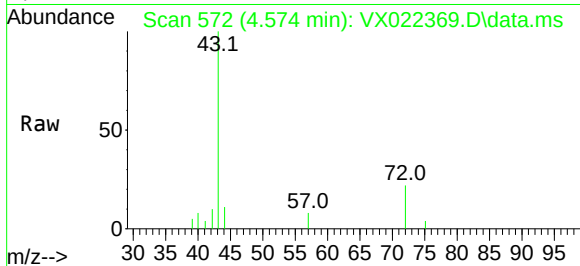




#37
Ethyl Acetate
Concen: 2.80 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.147 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

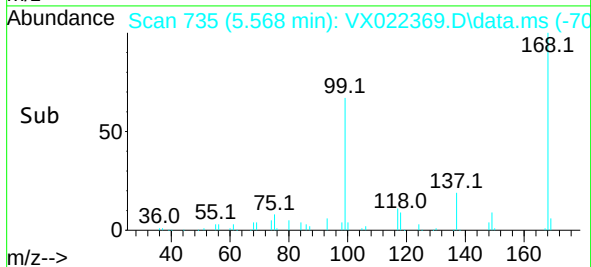
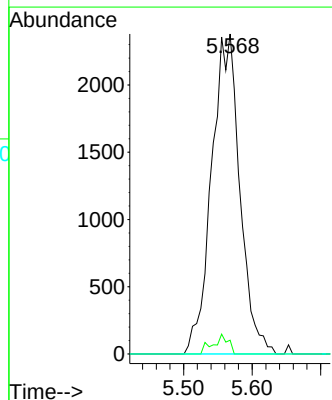
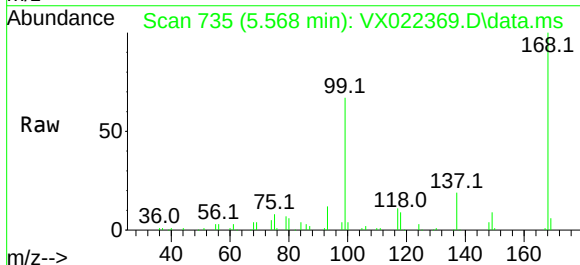
Instrument :
MSVOA_X
ClientSampled :
OF-1

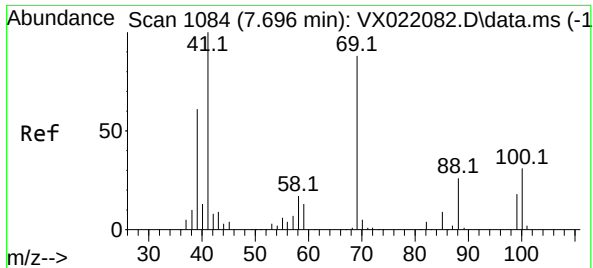
Tgt Ion: 43 Resp: 3971
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 117 Resp: 6823
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

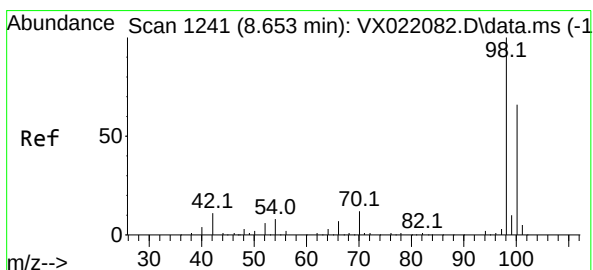
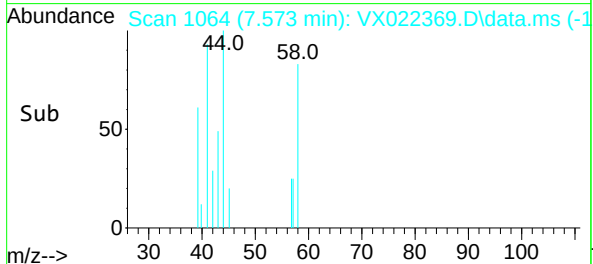
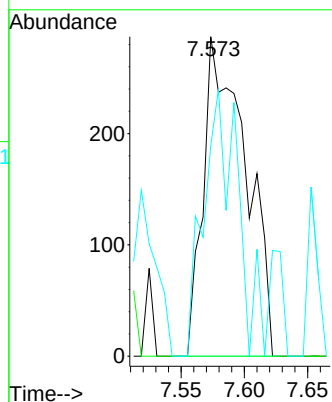
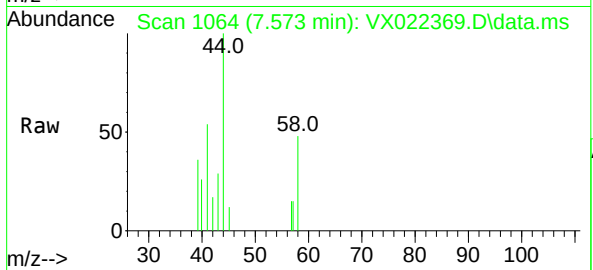




#48
Methyl methacrylate
Concen: 0.62 ug/l
RT: 7.573 min Scan# 1064
Delta R.T. -0.123 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

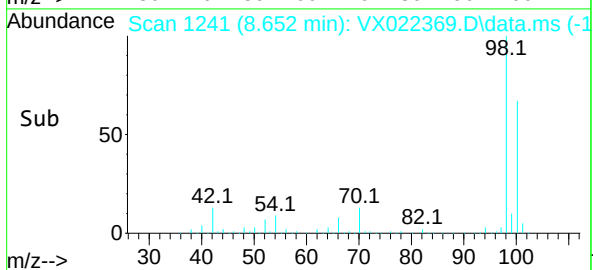
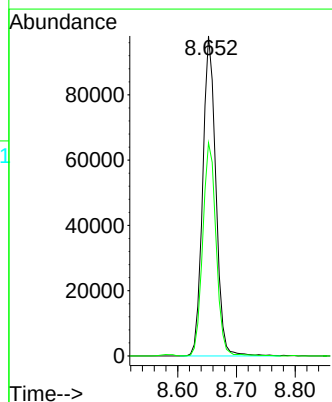
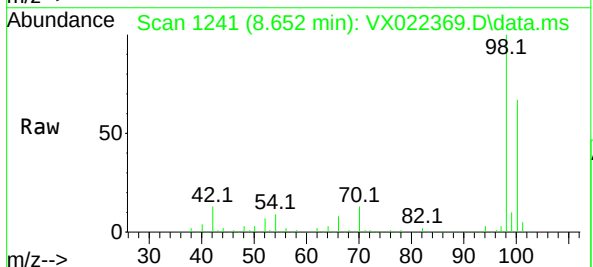
Instrument :
MSVOA_X
ClientSampled :
OF-1

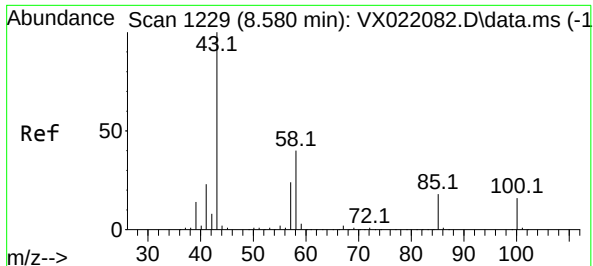
Tgt Ion: 41 Resp: 667
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 62.5 44.6 67.0



#50
Toluene-d8
Concen: 49.91 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 98 Resp: 152693
Ion Ratio Lower Upper
98 100
100 67.9 51.9 77.9

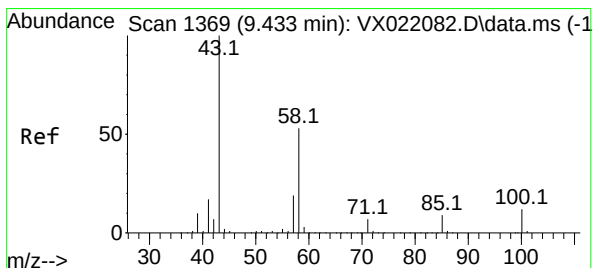
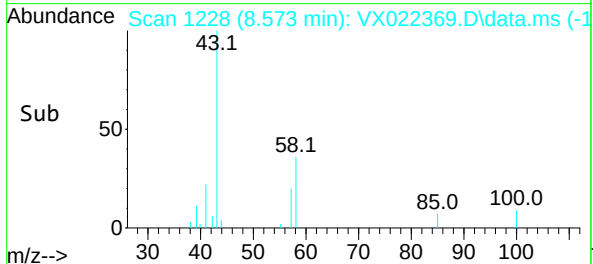
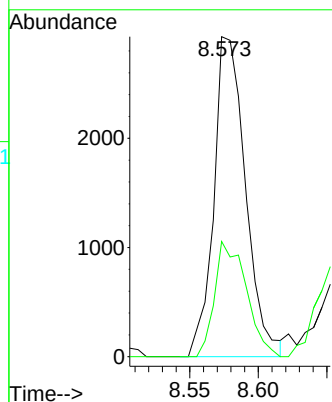
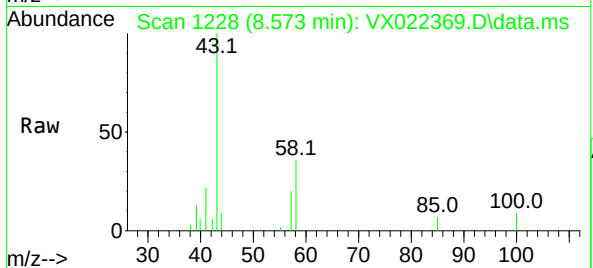




#51
4-Methyl-2-Pentanone
Concen: 3.39 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.007 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

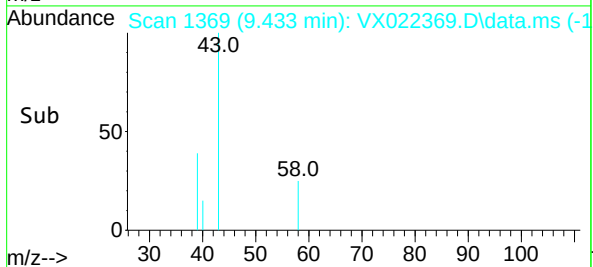
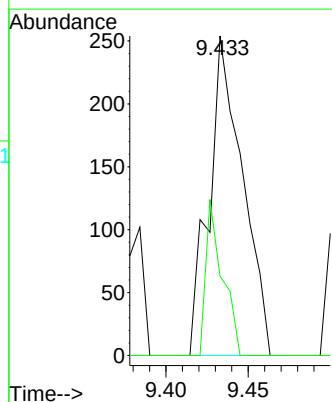
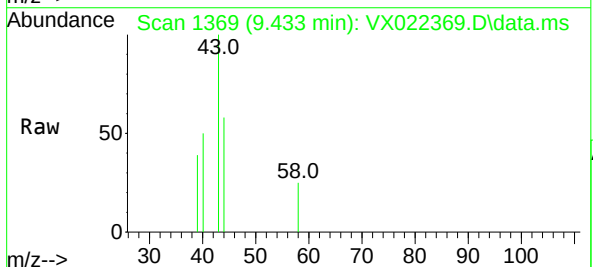
Instrument :
MSVOA_X
ClientSampled :
OF-1

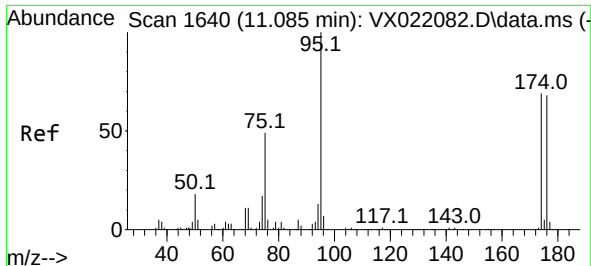
Tgt Ion: 43 Resp: 4720
Ion Ratio Lower Upper
43 100
58 35.8 35.4 53.0



#59
2-Hexanone
Concen: 0.34 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 24.2 30.9 92.8#

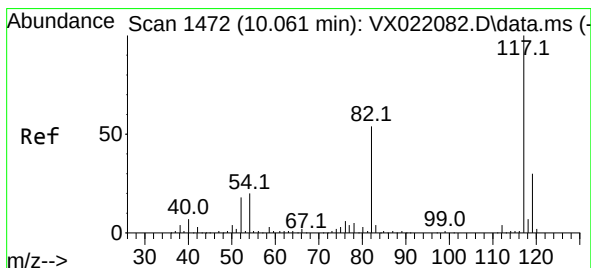
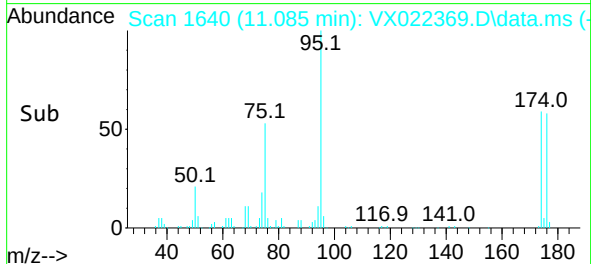
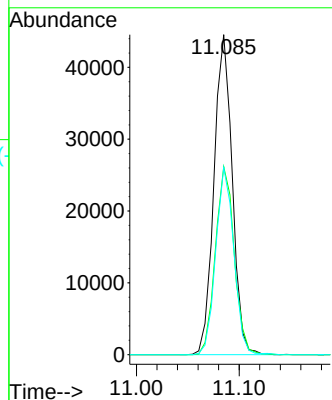
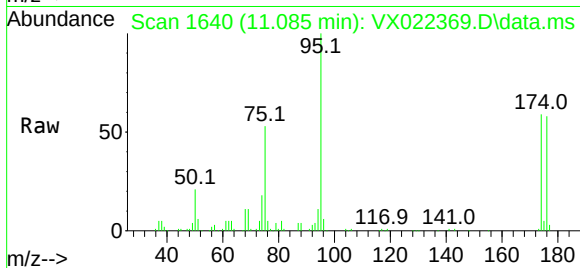




#62
4-Bromofluorobenzene
Concen: 48.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

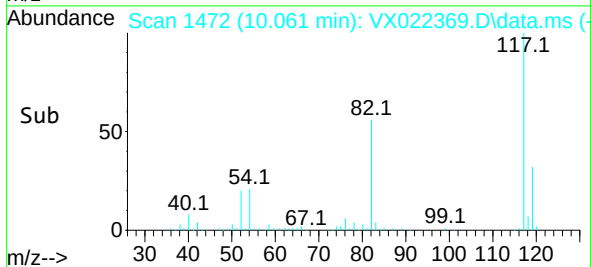
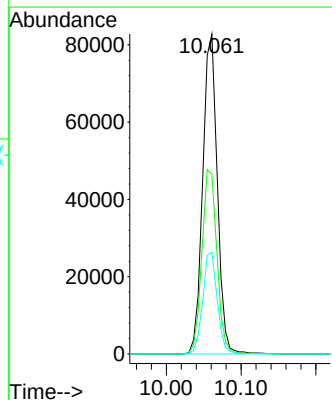
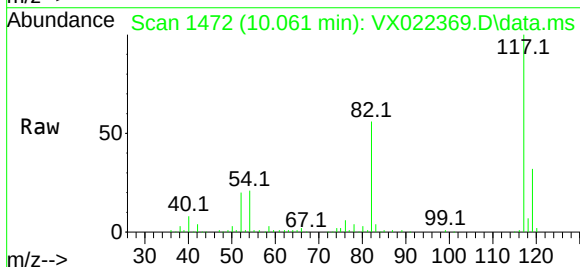
Instrument :
MSVOA_X
ClientSampleId :
OF-1

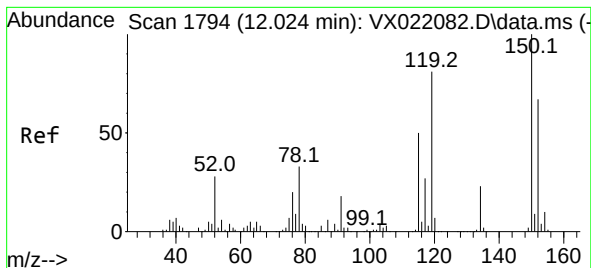
Tgt Ion: 95 Resp: 54975
Ion Ratio Lower Upper
95 100
174 60.6 0.0 154.6
176 58.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 117 Resp: 112346
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.8 26.6 39.8

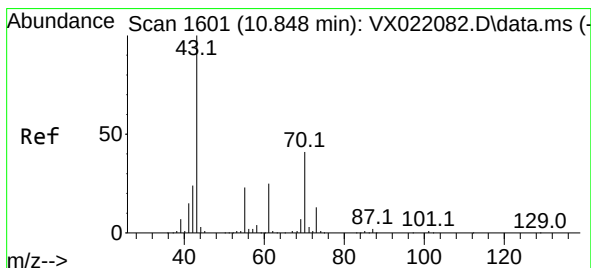
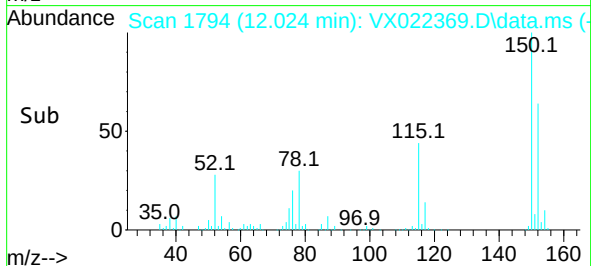
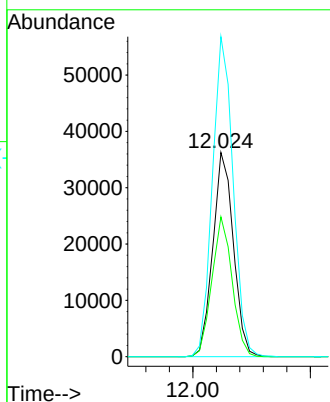
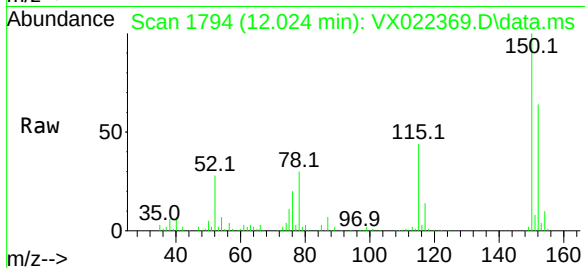




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

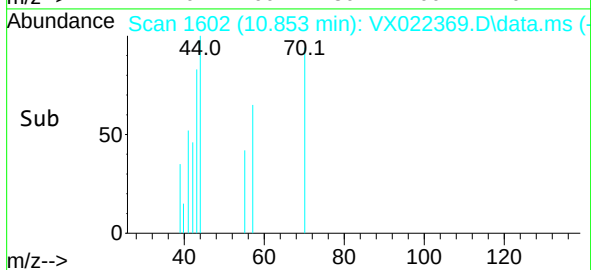
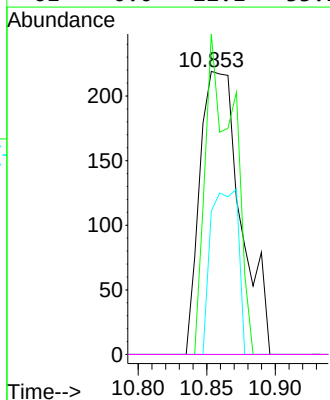
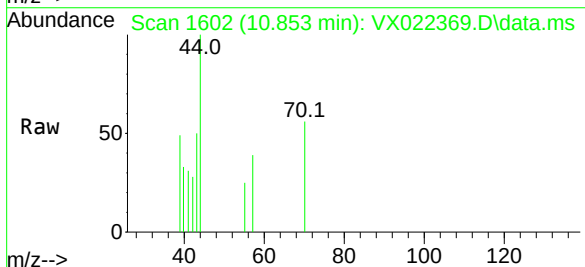
Instrument :
MSVOA_X
ClientSampled :
OF-1

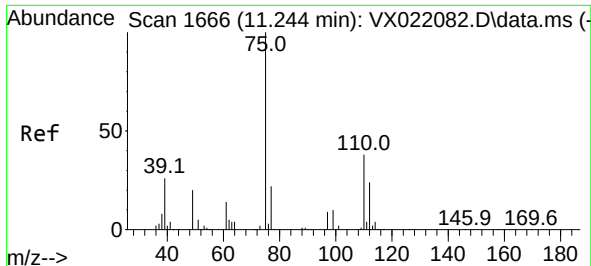
Tgt Ion:152 Resp: 44147
Ion Ratio Lower Upper
152 100
115 67.1 41.1 123.3
150 157.5 0.0 349.0



#74
N-ethyl acetate
Concen: 0.26 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.005 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
43 100
70 78.4 39.0 58.6#
55 39.2 21.5 32.3#
61 0.0 22.1 33.1#

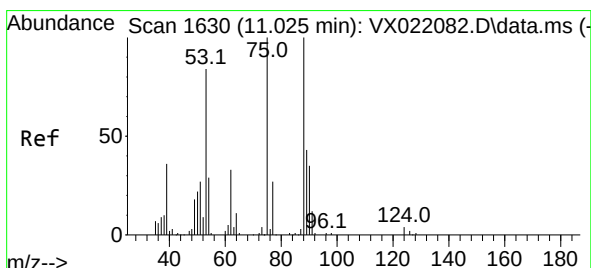
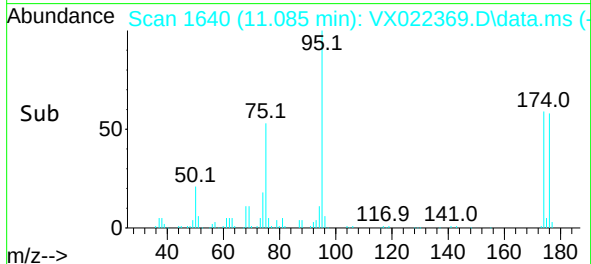
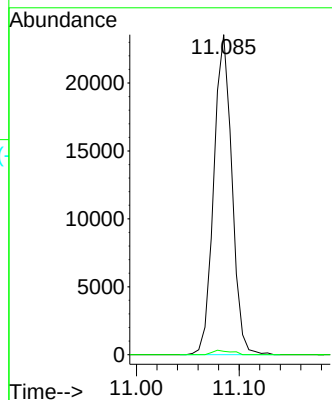
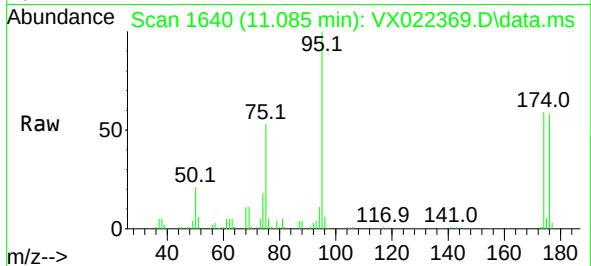




#76
1,2,3-Trichloropropane
Concen: 26.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

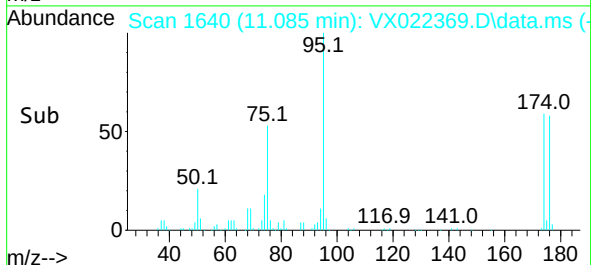
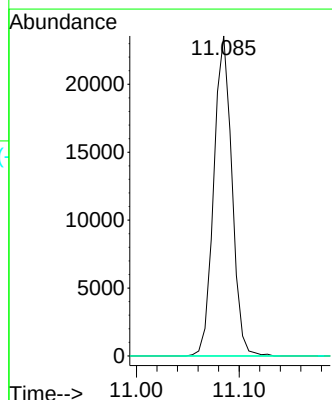
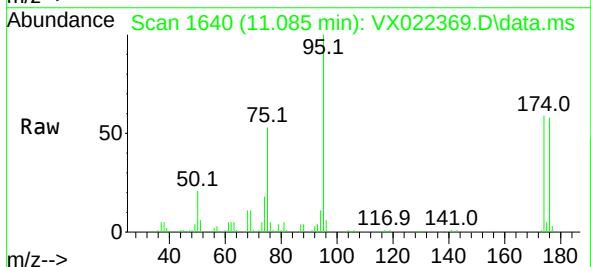
Instrument :
MSVOA_X
ClientSampled :
OF-1

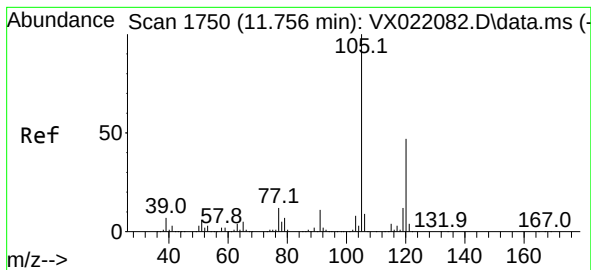
Tgt Ion: 75 Resp: 28858
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022369.D
Acq: 03 Jun 2021 16:23

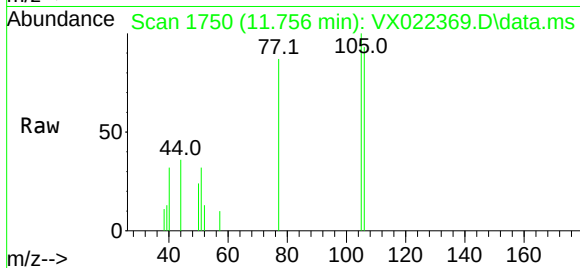
Tgt Ion: 75 Resp: 28858
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.21 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX022369.D
 Acq: 03 Jun 2021 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1



Tgt Ion:105 Resp: 654
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.4 67.3#

