

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022569.D
 Acq On : 08 Jun 2021 17:18
 Operator : JC/MD
 Sample : PB136878ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:01:09 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)

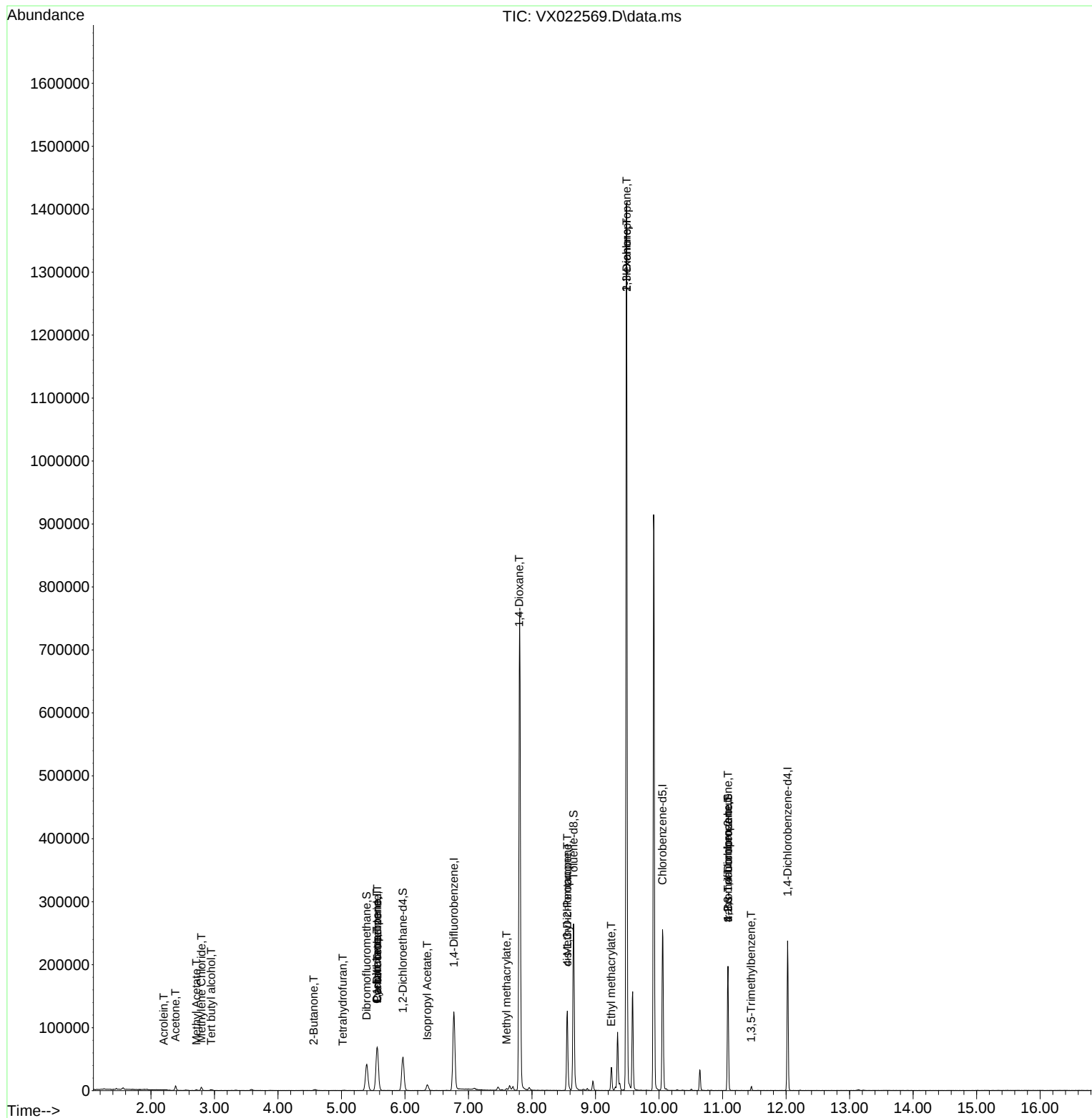
Internal Standards						
1) Pentafluorobenzene	5.562	168	59089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	120401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49011	46.657	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.320%
35) Dibromofluoromethane	5.397	113	35183	46.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	8.653	98	148670	49.462	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.085	95	52440	46.938	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	941	3.994	ug/l #	73
13) Acrolein	2.203	56	23	3.322	ug/l #	1
16) Acetone	2.386	43	7220	15.296	ug/l	94
18) Methyl Acetate	2.715	43	1565	1.202	ug/l #	79
20) Methylene Chloride	2.794	84	1994	2.023	ug/l #	84
25) 2-Butanone	4.562	43	811	1.040	ug/l #	65
29) Tetrahydrofuran	5.019	42	217	0.474	ug/l #	27
31) Cyclohexane	5.556	56	1842	1.482	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	5923	5.085	ug/l #	50
38) Carbon Tetrachloride	5.562	117	7086	8.356	ug/l #	14
43) Isopropyl Acetate	6.348	43	11958	4.934	ug/l	94
48) Methyl methacrylate	7.598	41	3599	3.191	ug/l #	10
49) 1,4-Dioxane	7.799	88	119	5.218	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	45580	30.190	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	20084	14.574	ug/l #	66
56) Ethyl methacrylate	9.244	69	117	2.769	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	11954	7.518	ug/l #	42
59) 2-Hexanone	9.488	43	166211	144.109	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	28554	25.346	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	2614	0.863	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	28554	62.642	ug/l #	12

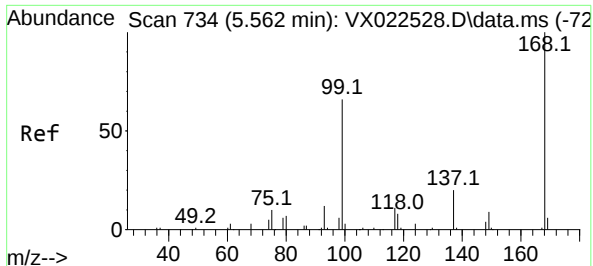
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

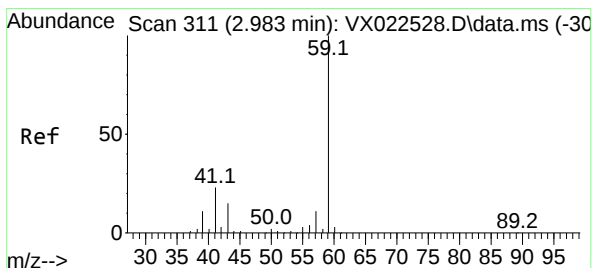
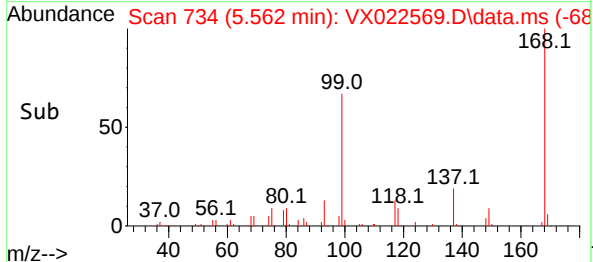
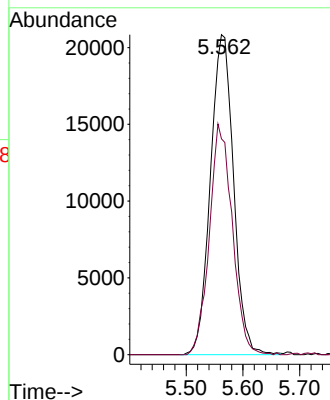
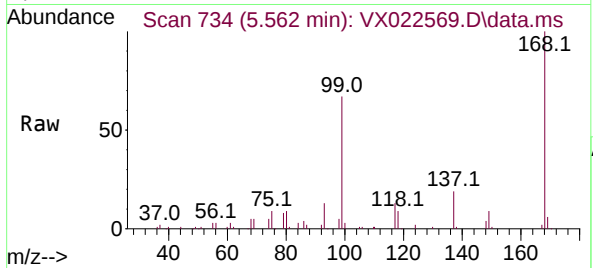




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

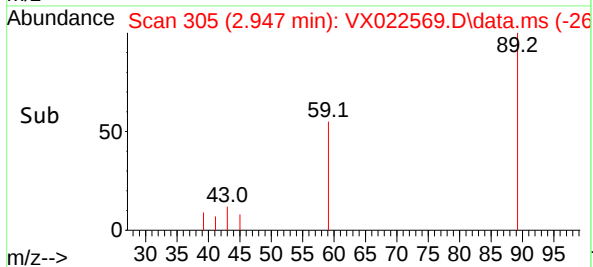
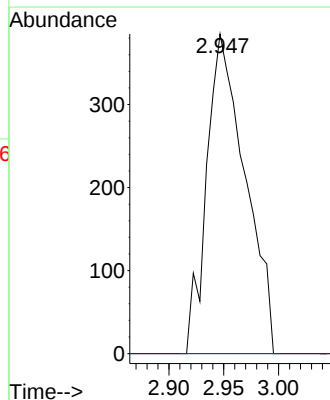
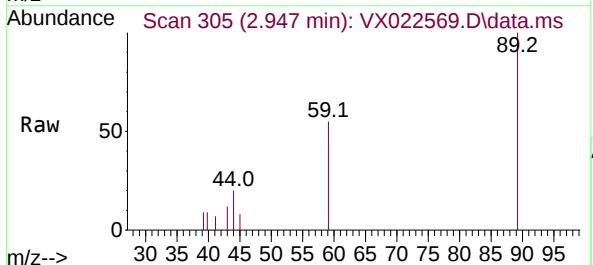
Instrument :
MSVOA_X
ClientSampleId :

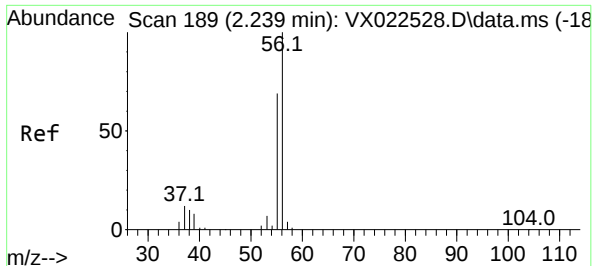
Tgt Ion:168 Resp: 59089
Ion Ratio Lower Upper
168 100
99 67.4 45.8 68.6



#11
Tert butyl alcohol
Concen: 3.994 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion: 59 Resp: 941
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

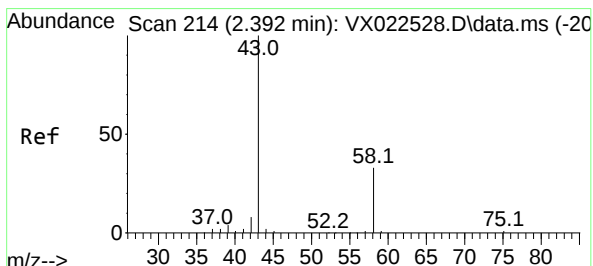
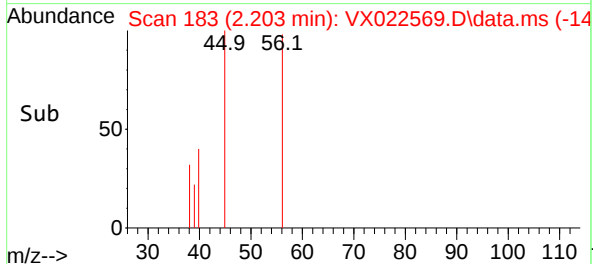
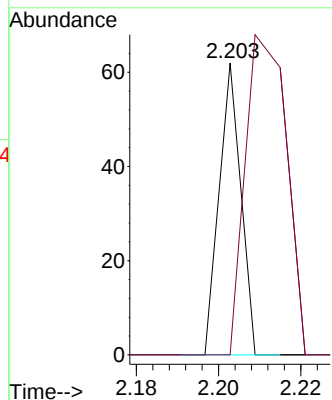
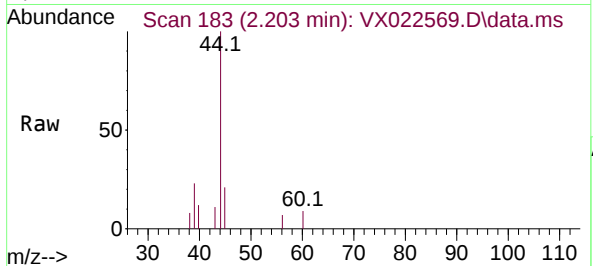




#13
Acrolein
Concen: 3.322 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.036 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

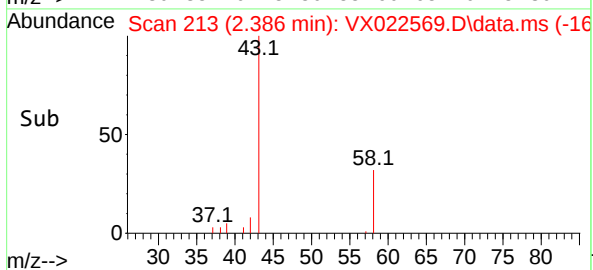
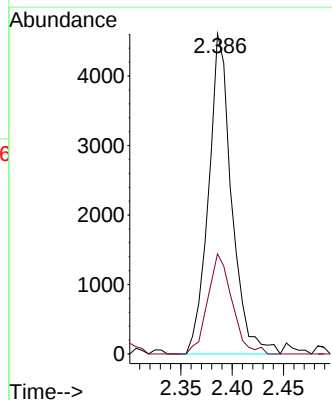
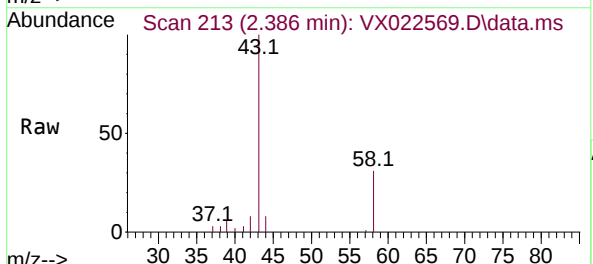
Instrument :
MSVOA_X
ClientSampled :

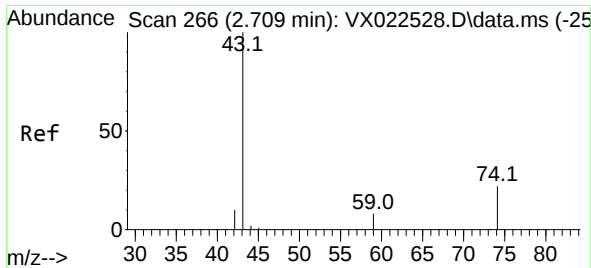
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 204.3 56.4 84.6#



#16
Acetone
Concen: 15.296 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion: 43 Resp: 7220
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8

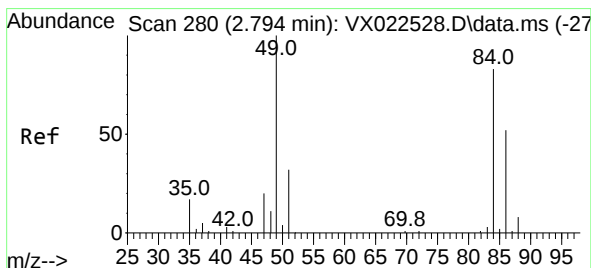
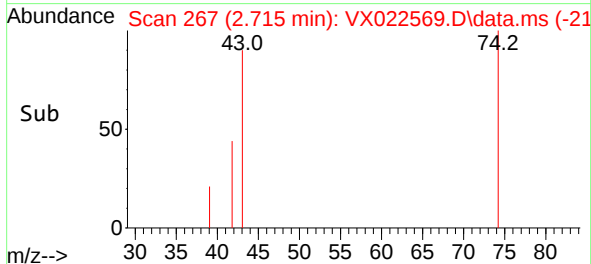
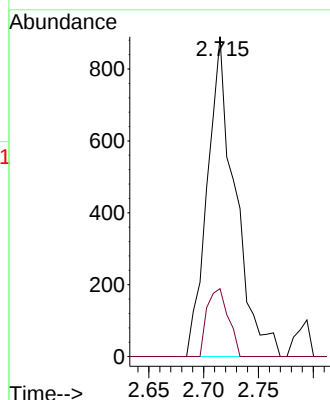
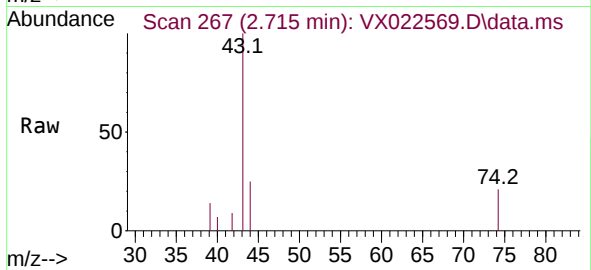




#18
Methyl Acetate
Concen: 1.202 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

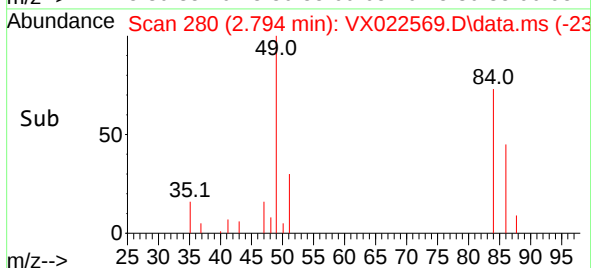
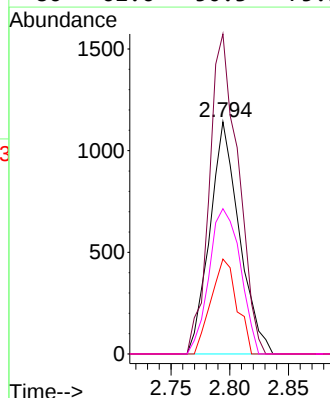
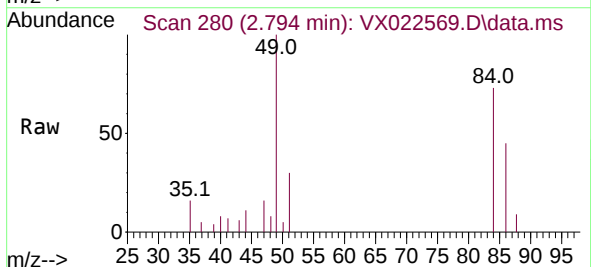
Instrument :
MSVOA_X
ClientSampleId :

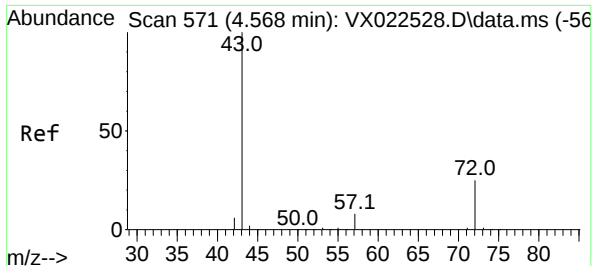
Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
74 16.3 21.9 32.9#



#20
Methylene Chloride
Concen: 2.023 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion: 84 Resp: 1994
Ion Ratio Lower Upper
84 100
49 137.8 88.6 132.8#
51 40.9 27.0 40.6#
86 62.6 50.3 75.5





#25

2-Butanone

Concen: 1.040 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX022569.D

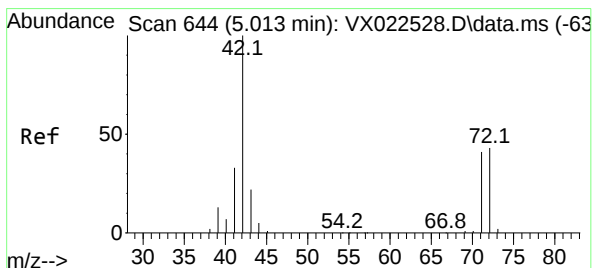
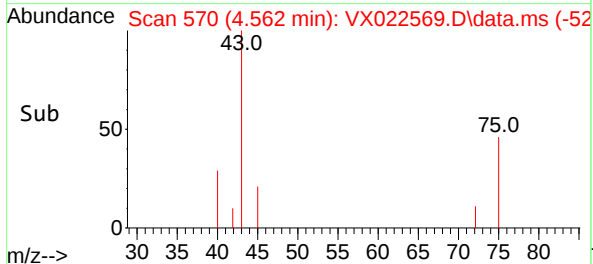
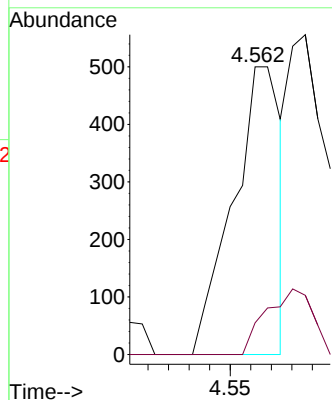
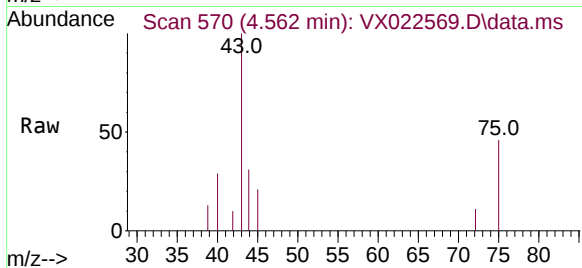
Acq: 08 Jun 2021 17:18

Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

72 11.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.474 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX022569.D

Acq: 08 Jun 2021 17:18

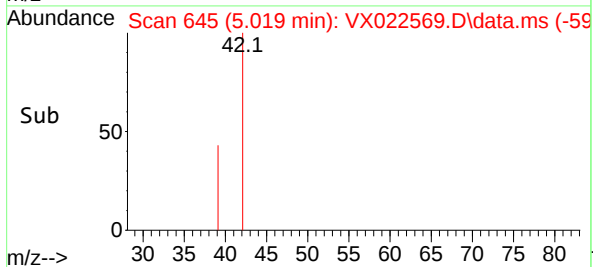
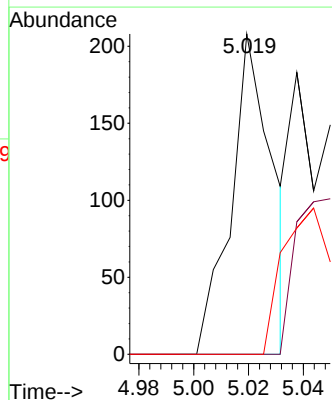
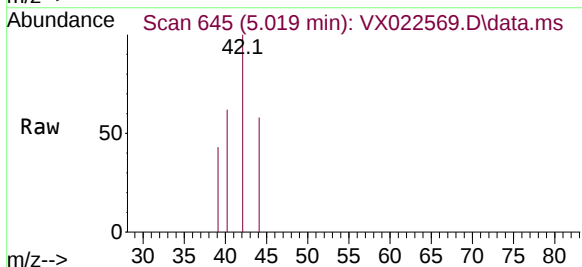
Tgt Ion: 42 Resp: 217

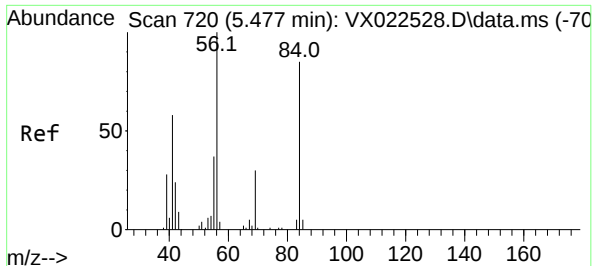
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 0.0 38.4 57.6#

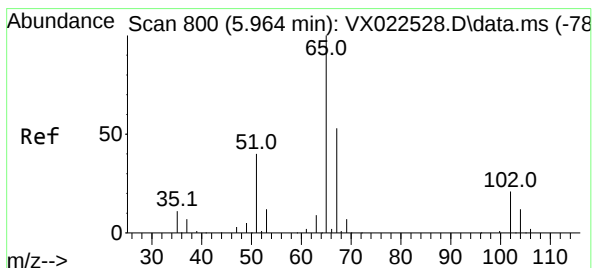
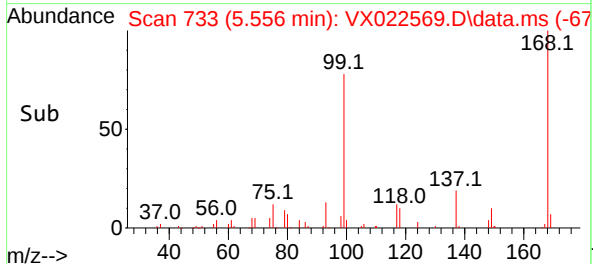
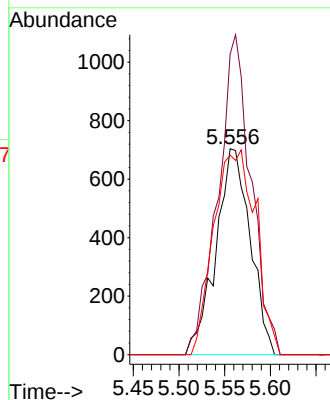
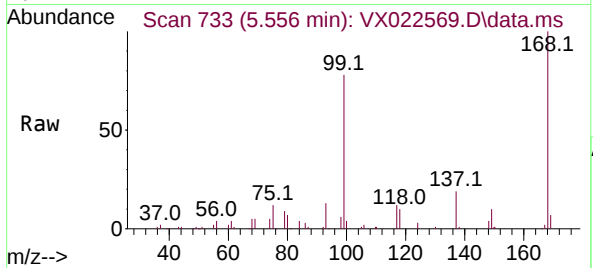




#31
Cyclohexane
Concen: 1.482 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

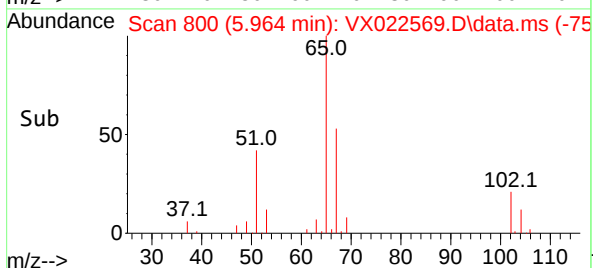
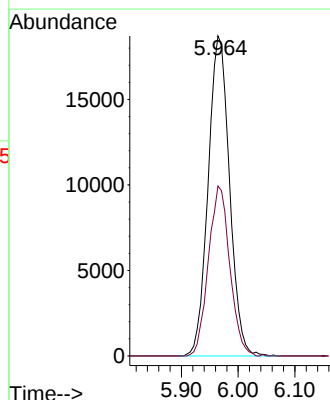
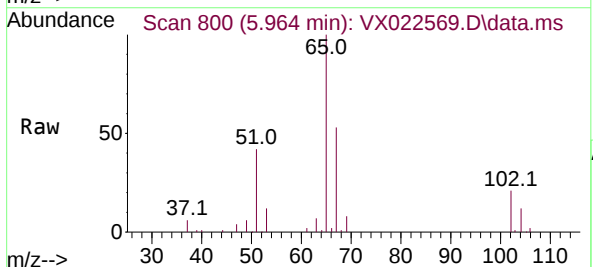
Instrument :
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ClientSampleId :

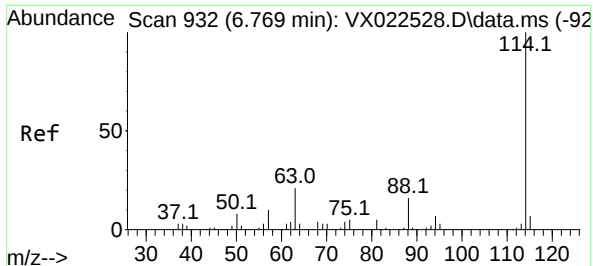
Tgt Ion: 56 Resp: 1842
Ion Ratio Lower Upper
56 100
69 145.9 25.3 37.9#
84 96.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 46.657 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion: 65 Resp: 49011
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

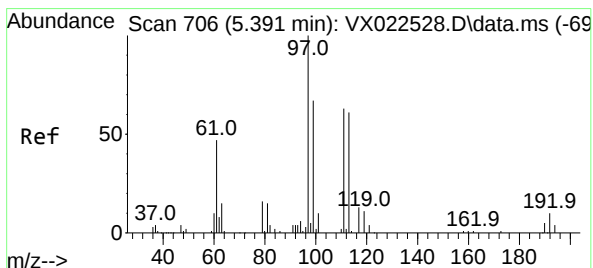
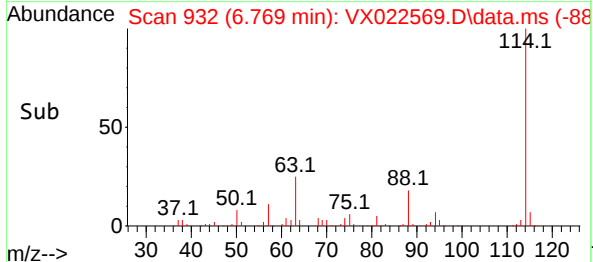
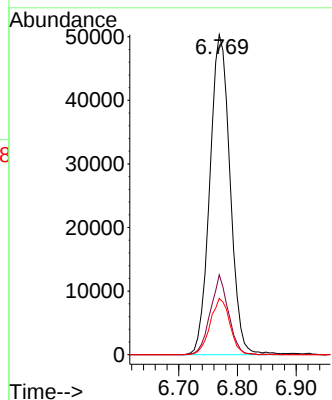
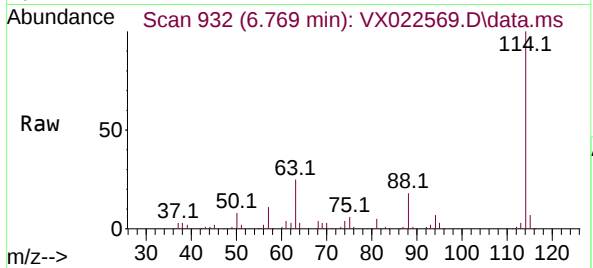




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

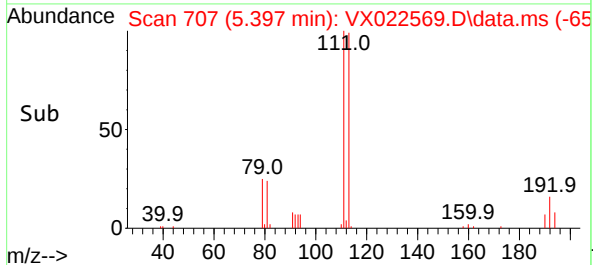
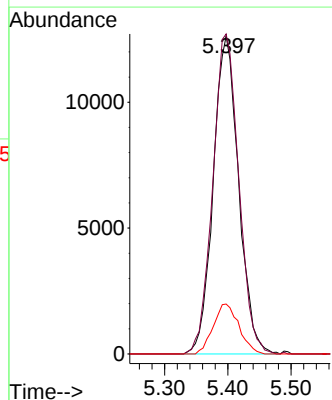
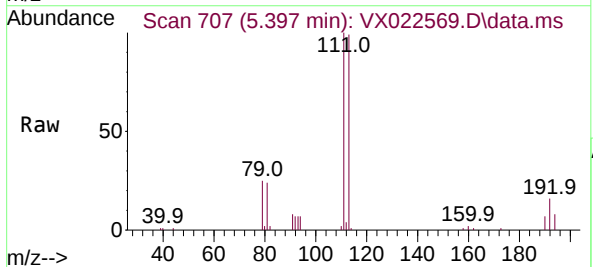
Instrument :
MSVOA_X
ClientSampled :

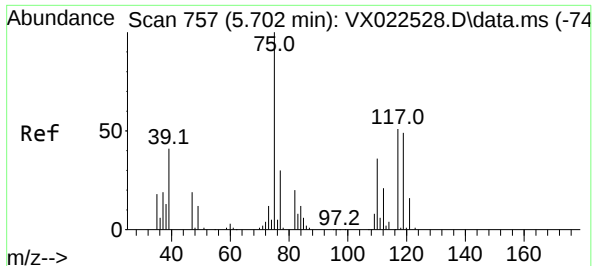
Tgt Ion:114 Resp: 120401
Ion Ratio Lower Upper
114 100
63 24.9 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.705 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion:113 Resp: 35183
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 15.9 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.085 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022569.D

Acq: 08 Jun 2021 17:18

Tgt Ion: 75 Resp: 5923

Ion Ratio Lower Upper

75 100

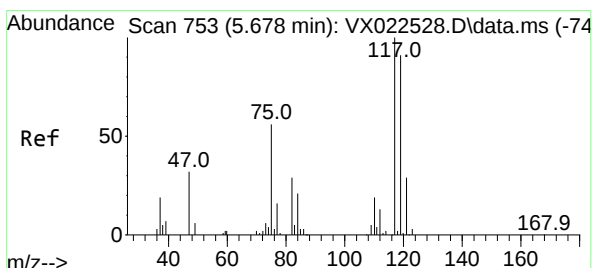
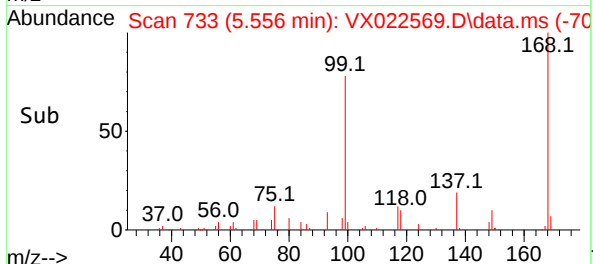
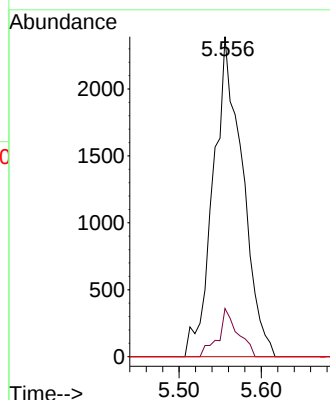
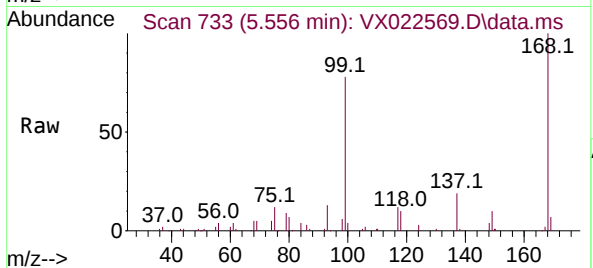
110 10.0 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 8.356 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022569.D

Acq: 08 Jun 2021 17:18

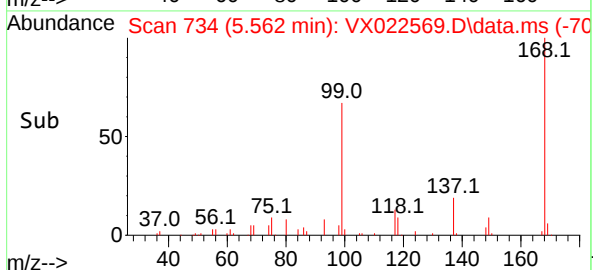
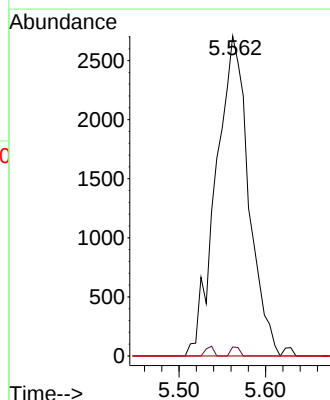
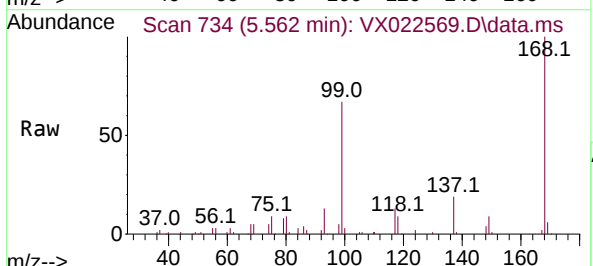
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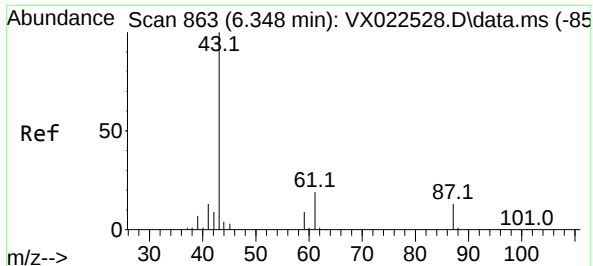
Ion Ratio Lower Upper

117 100

119 2.8 76.2 114.2#

121 0.0 24.8 37.2#

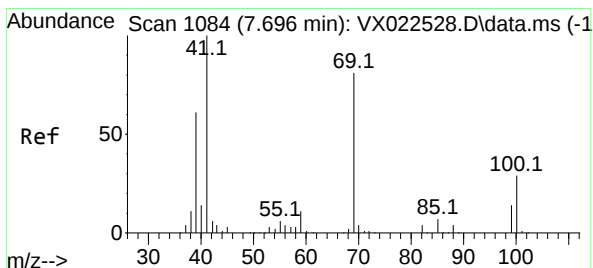
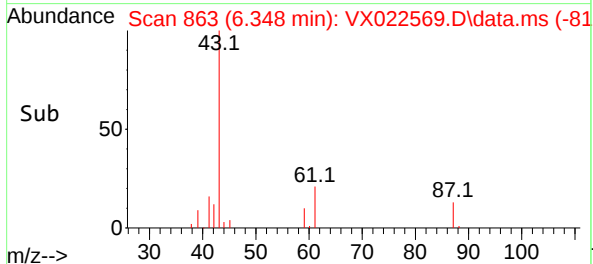
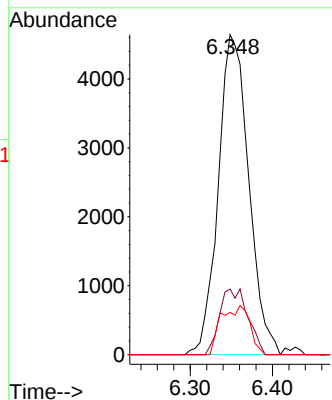
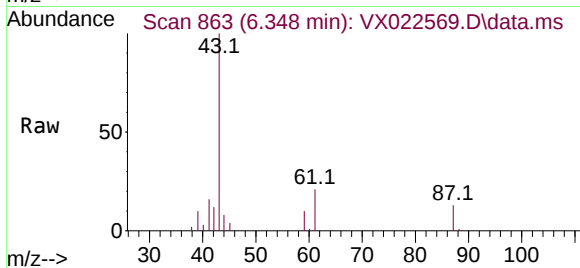




#43
Isopropyl Acetate
Concen: 4.934 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

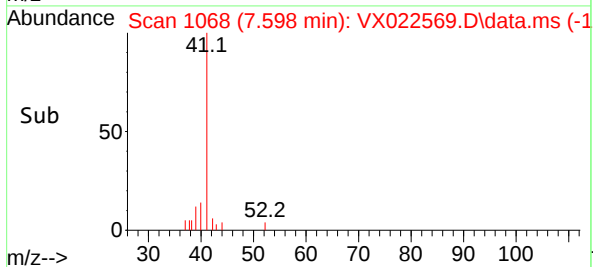
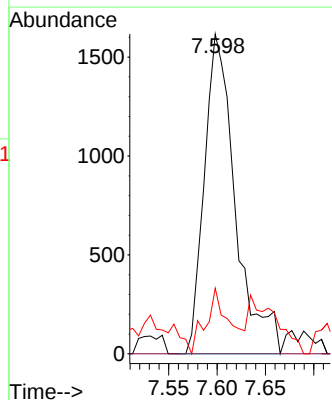
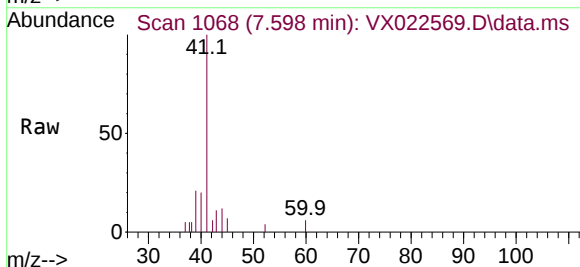
Instrument :
MSVOA_X
ClientSampleId :

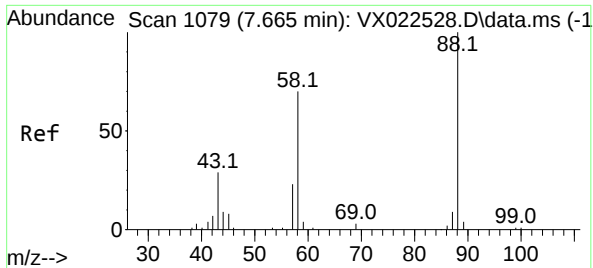
Tgt Ion:	43	Resp:	11958
Ion	Ratio	Lower	Upper
43	100		
61	19.1	18.2	27.4
87	14.4	12.5	18.7



#48
Methyl methacrylate
Concen: 3.191 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion:	41	Resp:	3599
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: 5.218 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX022569.D

Acq: 08 Jun 2021 17:18

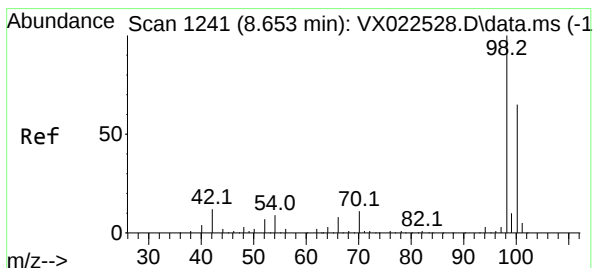
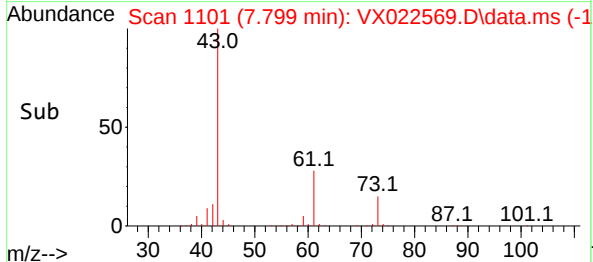
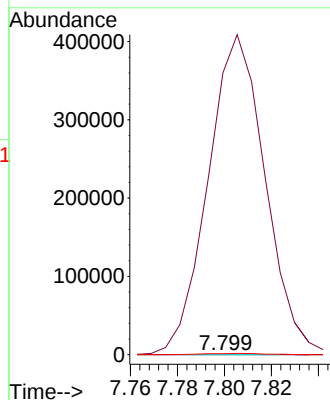
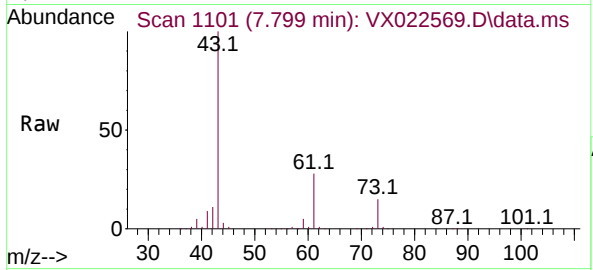
Tgt Ion: 88 Resp: 119

Ion Ratio Lower Upper

88 100

43 588797.5 23.2 34.8#

58 2381.5 55.0 82.4#



#50

Toluene-d8

Concen: 49.462 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022569.D

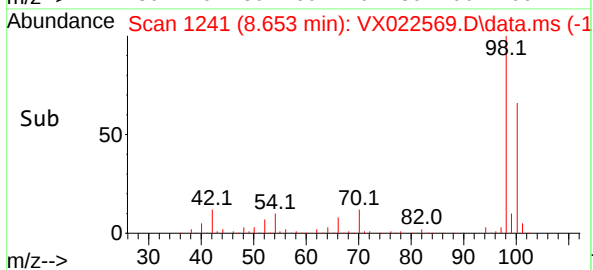
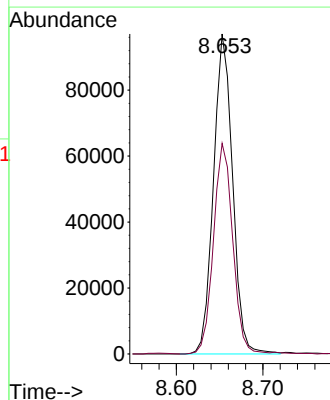
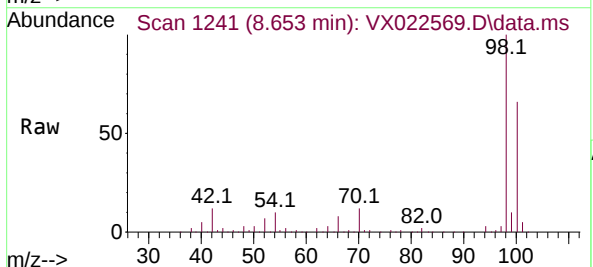
Acq: 08 Jun 2021 17:18

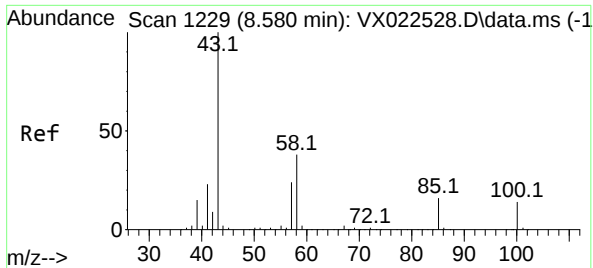
Tgt Ion: 98 Resp: 148670

Ion Ratio Lower Upper

98 100

100 66.7 51.9 77.9

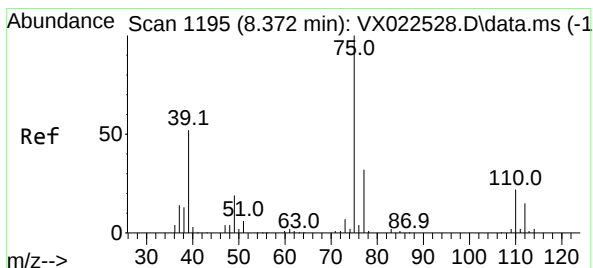
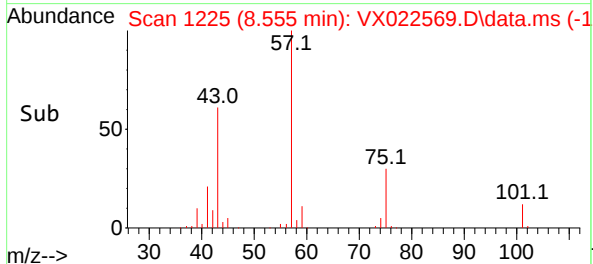
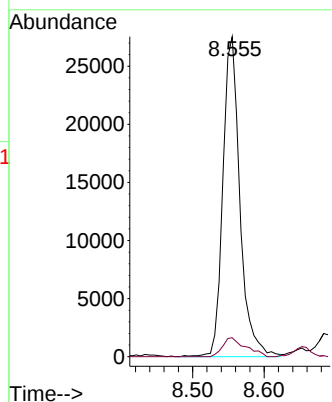
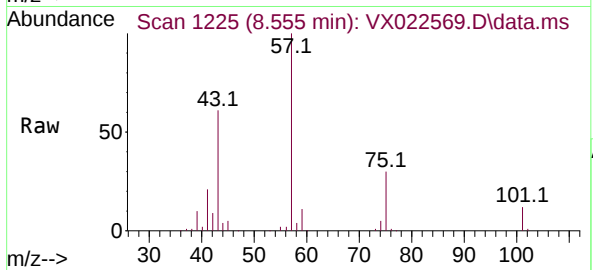




#51
4-Methyl-2-Pentanone
Concen: 30.190 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

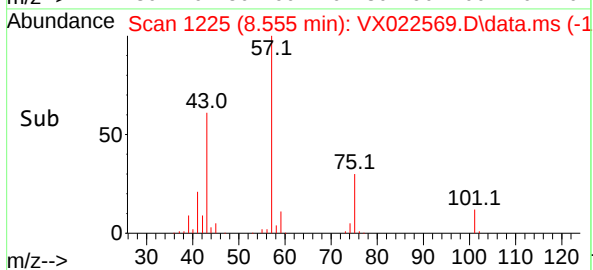
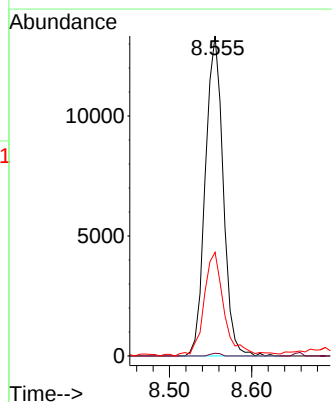
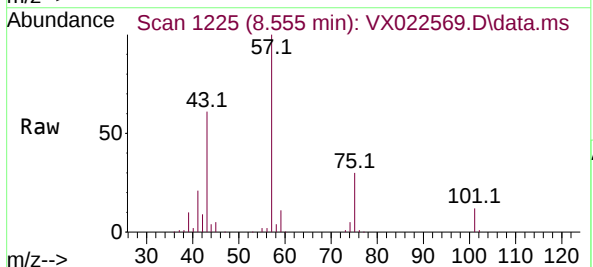
Instrument :
MSVOA_X
ClientSampled :

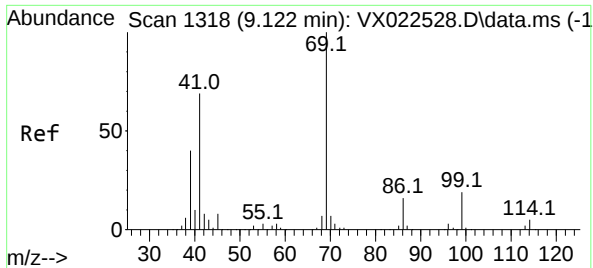
Tgt Ion: 43 Resp: 45580
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.574 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion: 75 Resp: 20084
Ion Ratio Lower Upper
75 100
77 0.9 25.7 38.5#
39 31.8 35.1 52.7#

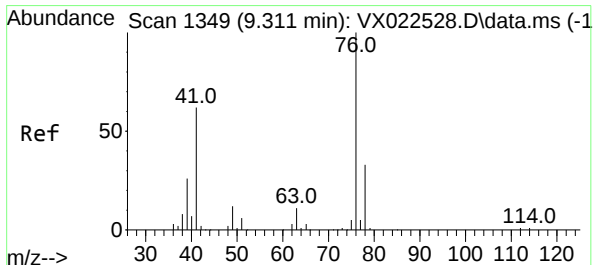
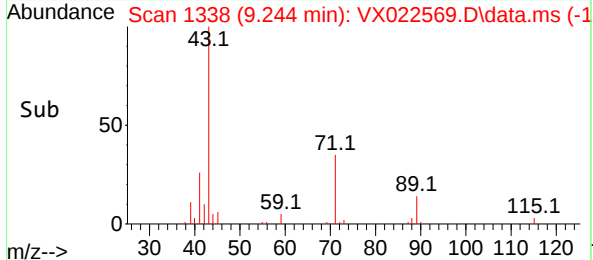
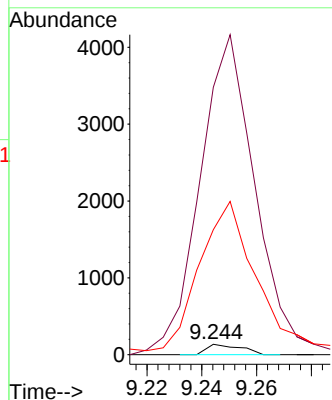
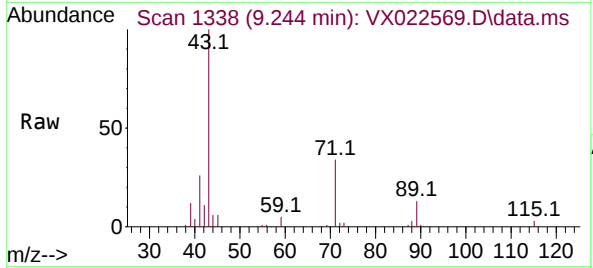




#56
Ethyl methacrylate
Concen: 2.769 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.122 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

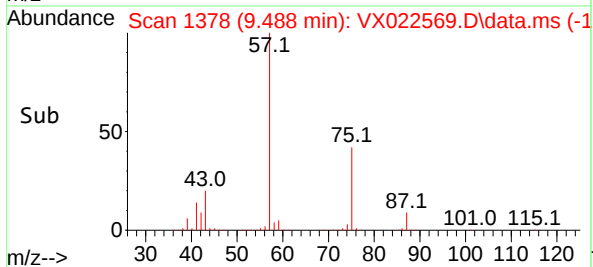
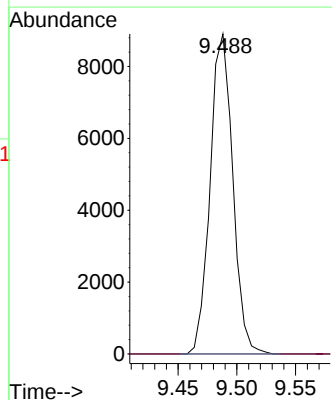
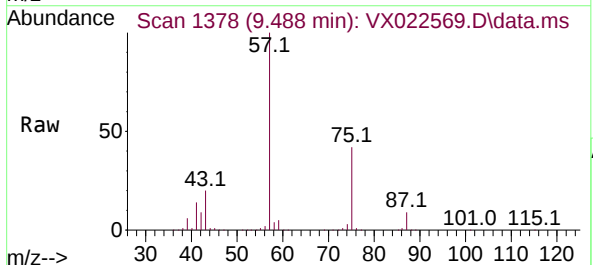
Instrument :
MSVOA_X
ClientSampled :

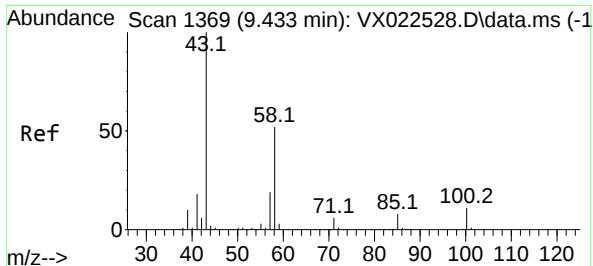
Tgt Ion: 69 Resp: 117
Ion Ratio Lower Upper
69 100
41 5006.8 46.8 70.2#
39 2358.1 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.518 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion: 76 Resp: 11954
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

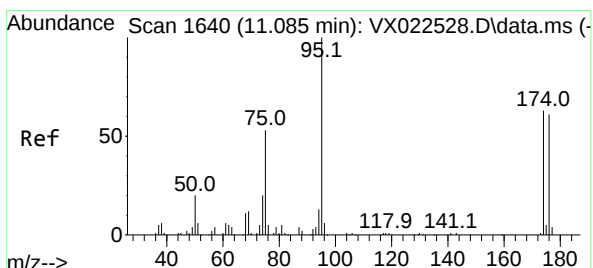
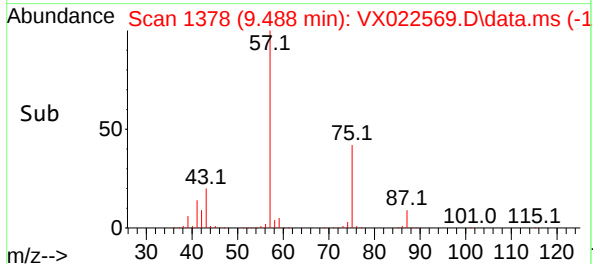
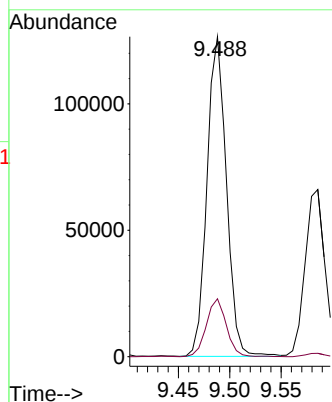
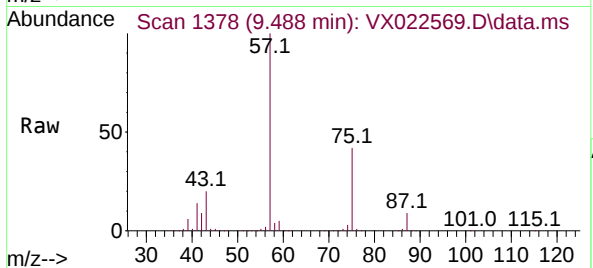




#59
2-Hexanone
Concen: 144.109 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

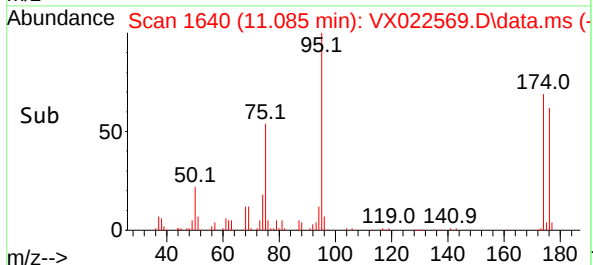
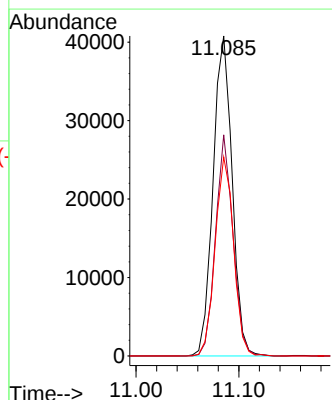
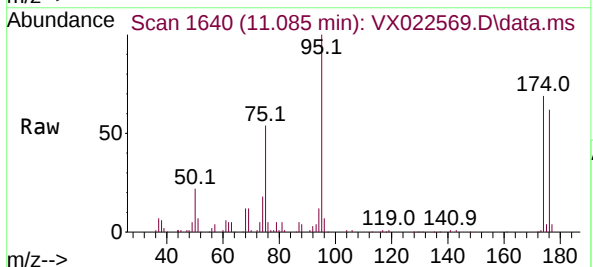
Instrument :
MSVOA_X
ClientSampled :

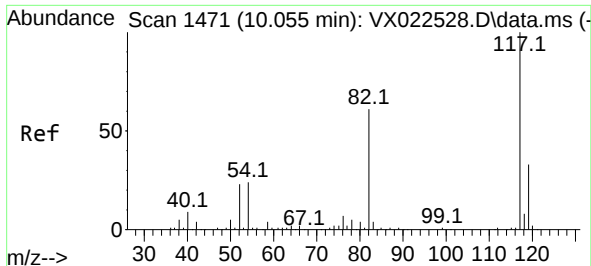
Tgt Ion: 43 Resp: 166211
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.938 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion: 95 Resp: 52440
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 60.3 0.0 155.8

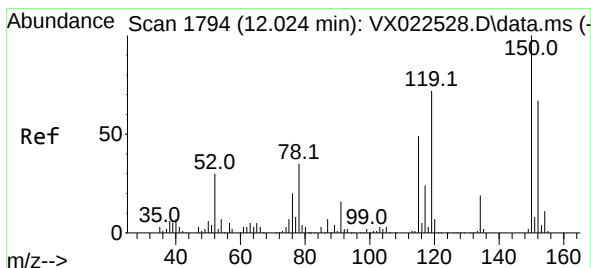
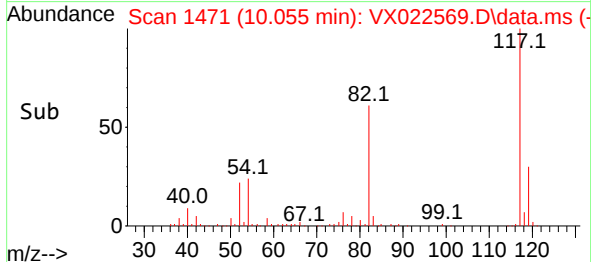
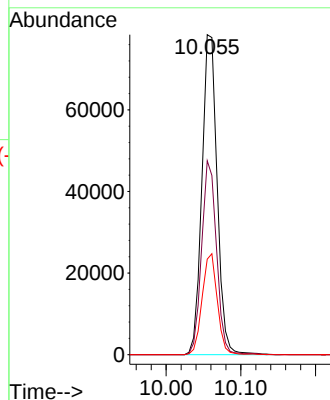
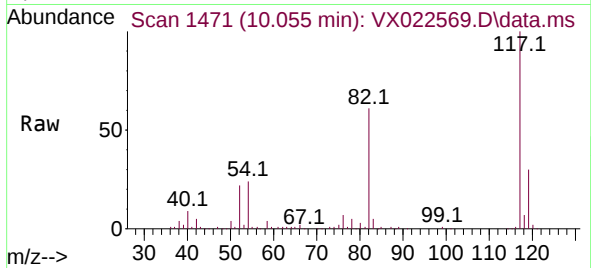




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

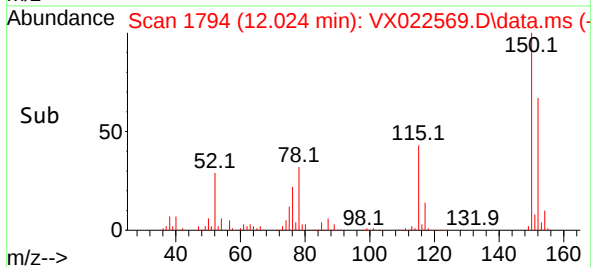
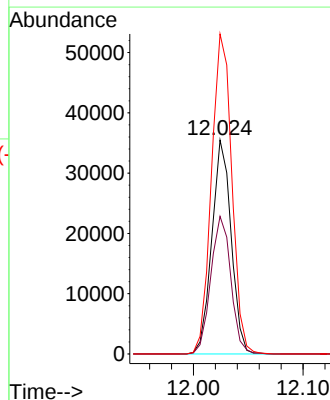
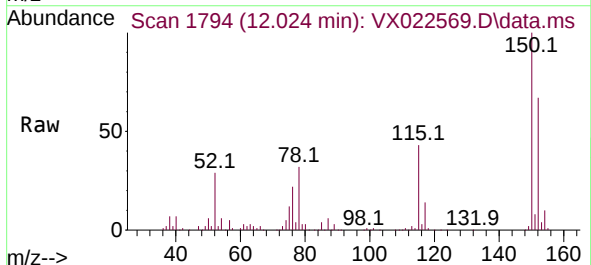
Instrument :
MSVOA_X
ClientSampled :

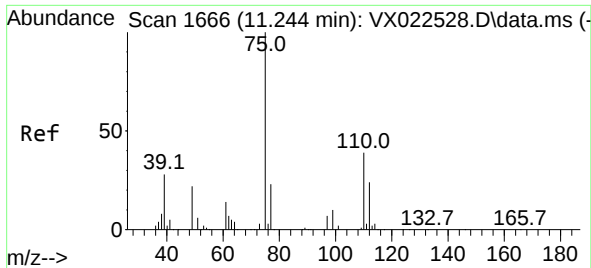
Tgt Ion:117 Resp: 111081
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 29.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion:152 Resp: 43486
Ion Ratio Lower Upper
152 100
115 66.5 41.1 123.3
150 157.2 0.0 349.0

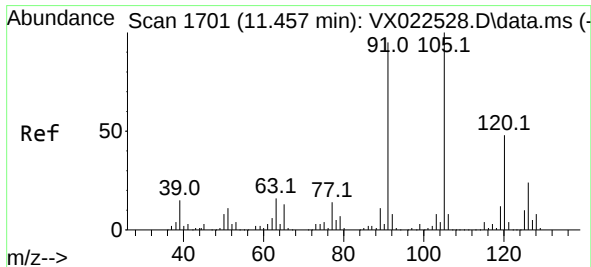
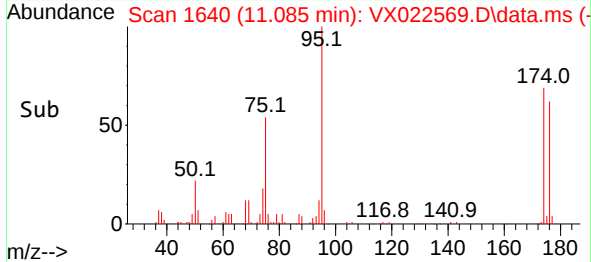
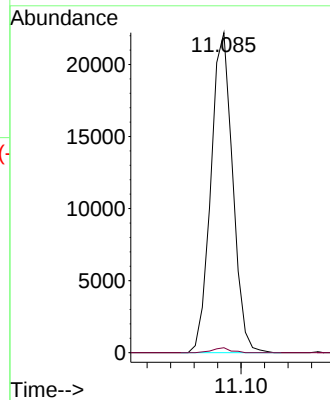
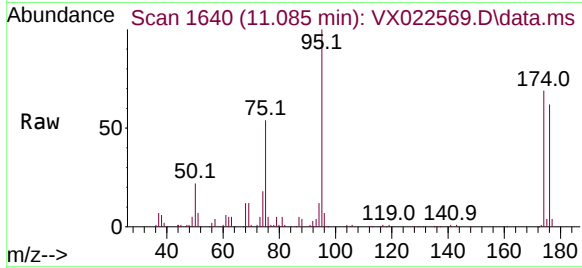




#76
1,2,3-Trichloropropane
Concen: 25.346 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

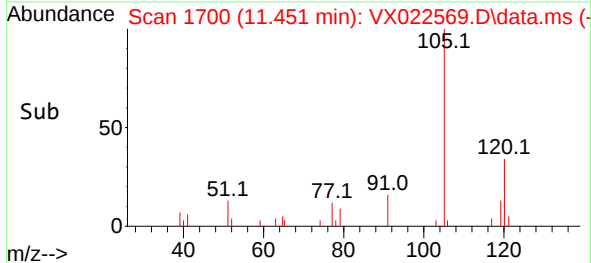
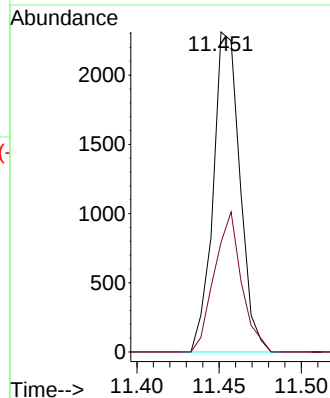
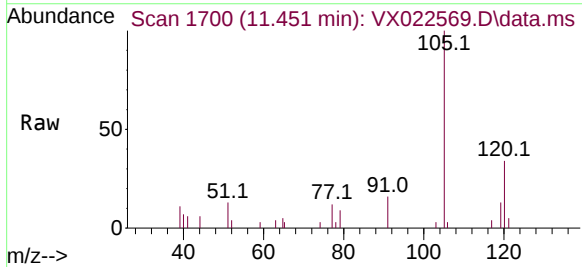
Instrument :
MSVOA_X
ClientSampled :

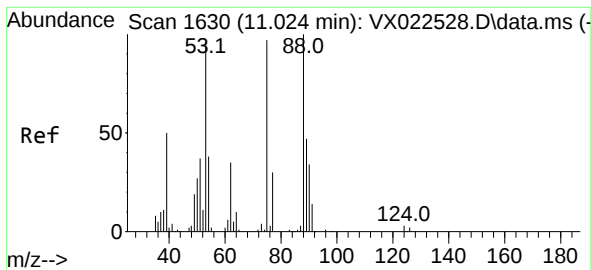
Tgt Ion: 75 Resp: 28554
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.863 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022569.D
Acq: 08 Jun 2021 17:18

Tgt Ion:105 Resp: 2614
Ion Ratio Lower Upper
105 100
120 44.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 62.642 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022569.D

Acq: 08 Jun 2021 17:18

Tgt Ion: 75 Resp: 28554

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

