

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022574.D
 Acq On : 08 Jun 2021 19:15
 Operator : JC/MD
 Sample : PB136902TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:01:49 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)

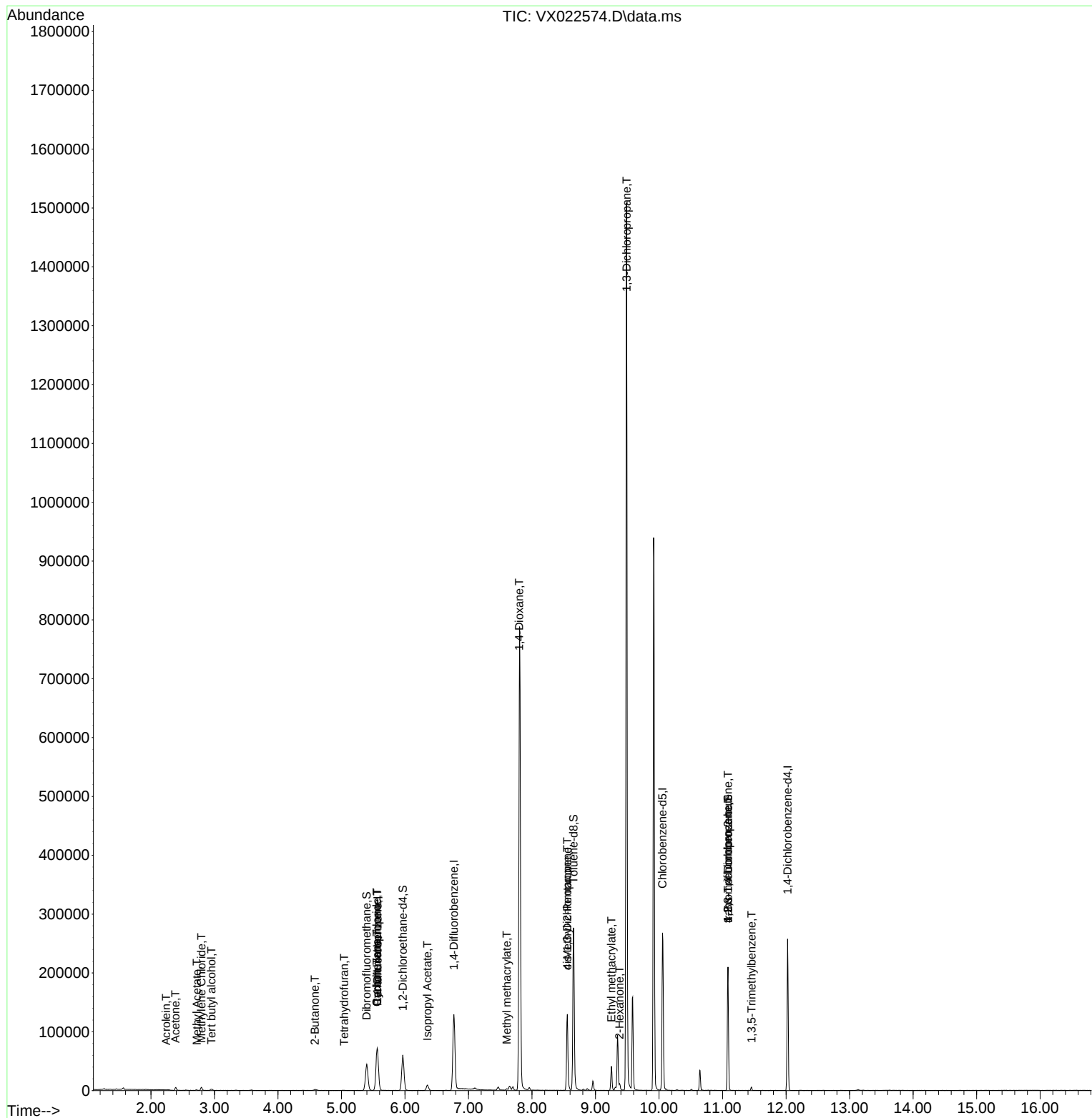
Internal Standards						
1) Pentafluorobenzene	5.568	168	60047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52998	49.648	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.300%		
35) Dibromofluoromethane	5.397	113	37030	47.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.520%		
50) Toluene-d8	8.653	98	157933	51.048	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.100%		
62) 4-Bromofluorobenzene	11.085	95	56500	49.132	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.260%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.952	59	1736	7.250	ug/l #	73
13) Acrolein	2.239	56	22	3.310	ug/l #	14
16) Acetone	2.385	43	5584	11.641	ug/l	100
18) Methyl Acetate	2.721	43	1530	1.157	ug/l #	79
20) Methylene Chloride	2.794	84	2065	2.062	ug/l #	83
25) 2-Butanone	4.580	43	1525	1.924	ug/l #	84
29) Tetrahydrofuran	5.043	42	483	1.038	ug/l #	34
31) Cyclohexane	5.556	56	1887	1.494	ug/l #	7
36) 1,1-Dichloropropene	5.562	75	6431	5.364	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7288	8.351	ug/l #	12
43) Isopropyl Acetate	6.354	43	12334	4.945	ug/l	95
48) Methyl methacrylate	7.604	41	3699	3.187	ug/l #	10
49) 1,4-Dioxane	7.799	88	56	2.386	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	44977	28.943	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	20509	14.479	ug/l #	67
56) Ethyl methacrylate	9.250	69	60	2.735	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	12211	7.461	ug/l #	42
59) 2-Hexanone	9.378	43	5597	4.715	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	29267	24.551	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2613	0.815	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	29267	60.860	ug/l #	12

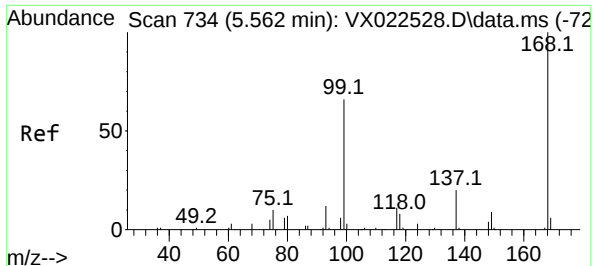
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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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

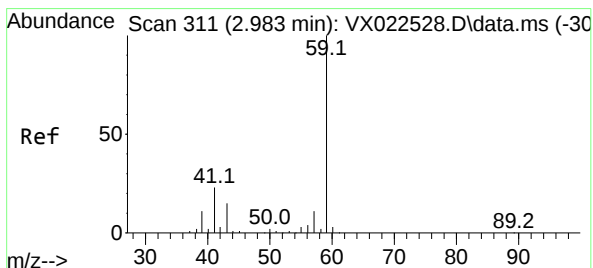
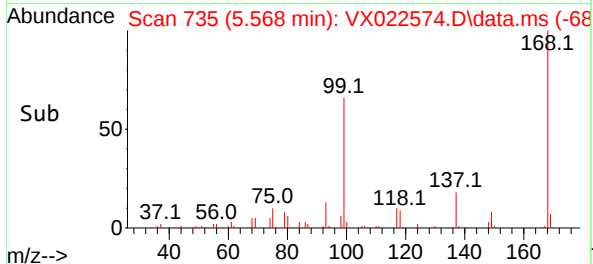
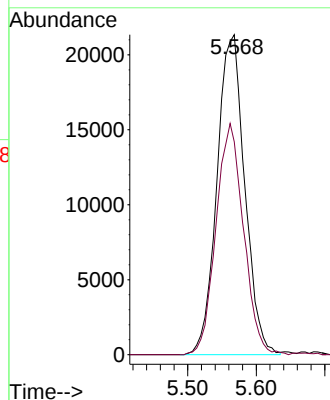
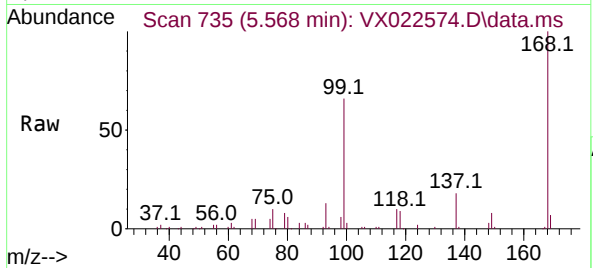




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

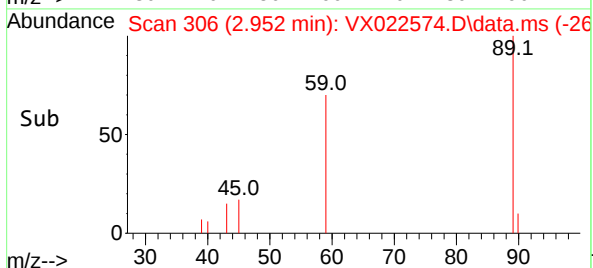
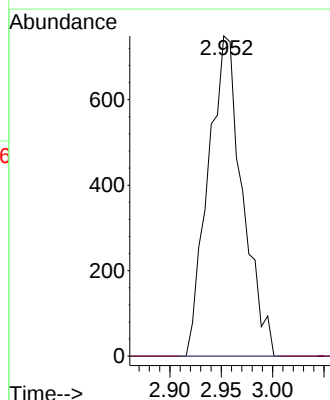
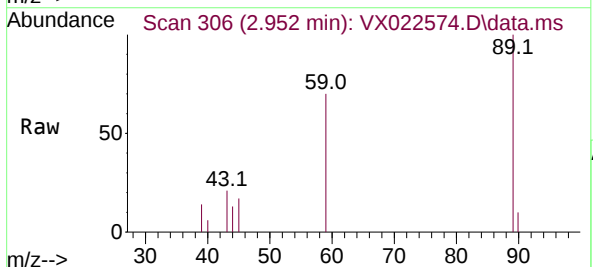
Instrument :
MSVOA_X
ClientSampled :

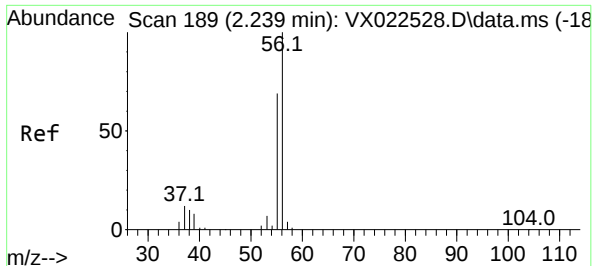
Tgt Ion:168 Resp: 60047
Ion Ratio Lower Upper
168 100
99 66.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 7.250 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion: 59 Resp: 1736
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

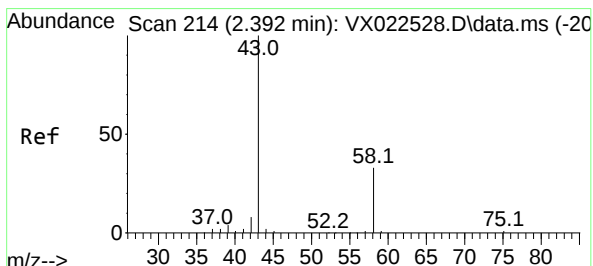
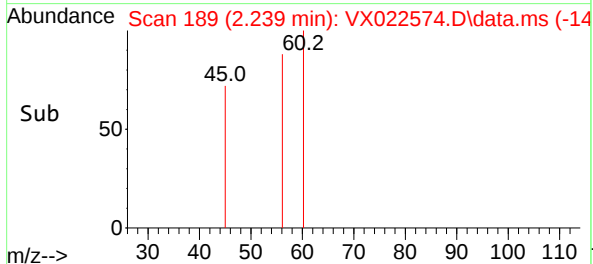
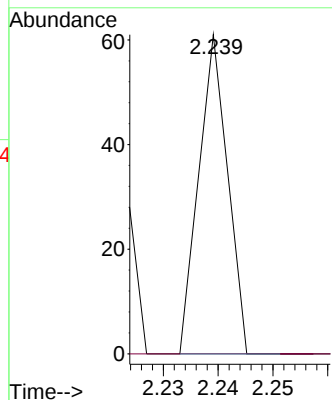
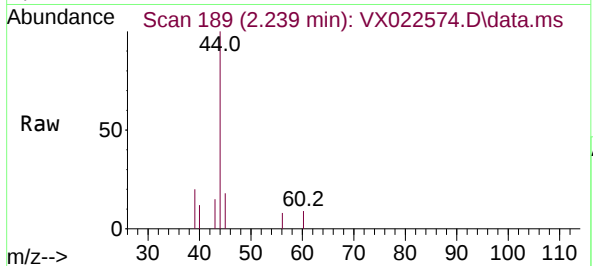




#13
Acrolein
Concen: 3.310 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

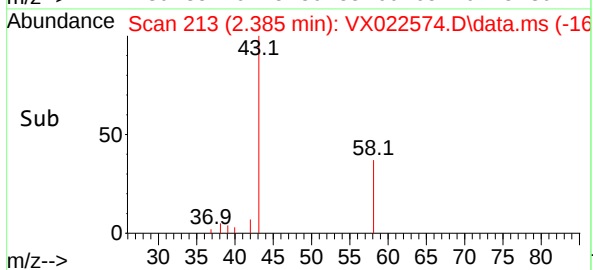
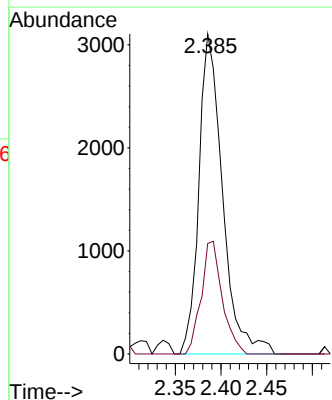
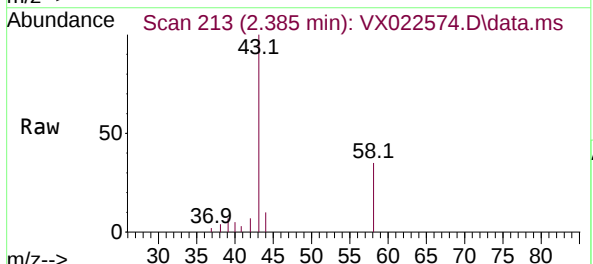
Instrument :
MSVOA_X
ClientSampled :

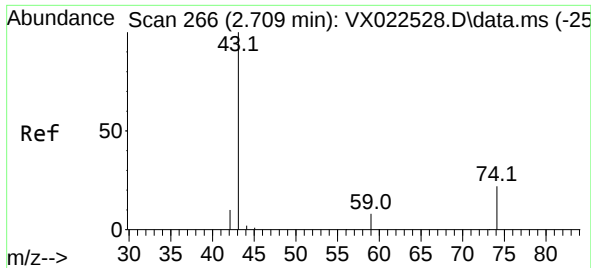
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 11.641 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion: 43 Resp: 5584
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8

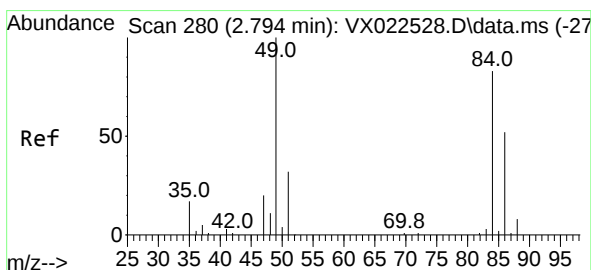
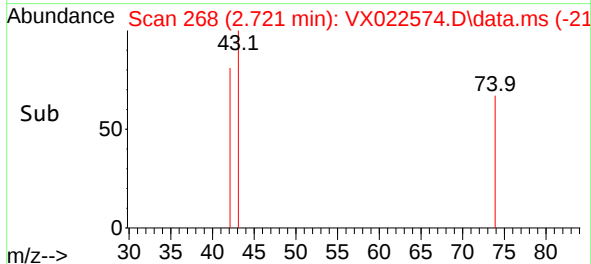
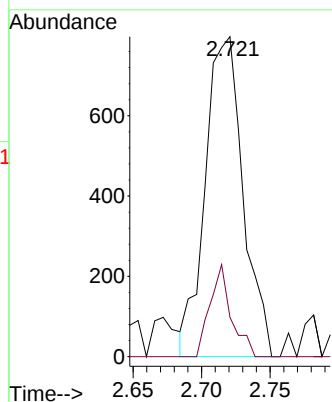
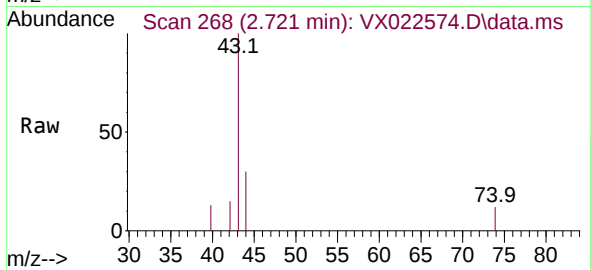




#18
Methyl Acetate
Concen: 1.157 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

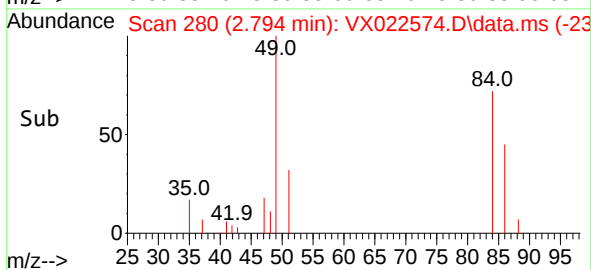
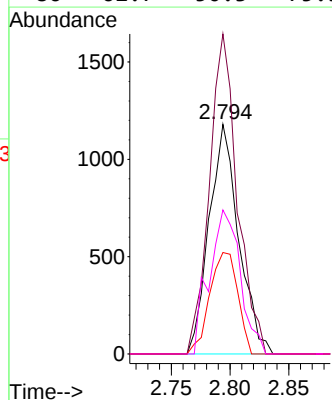
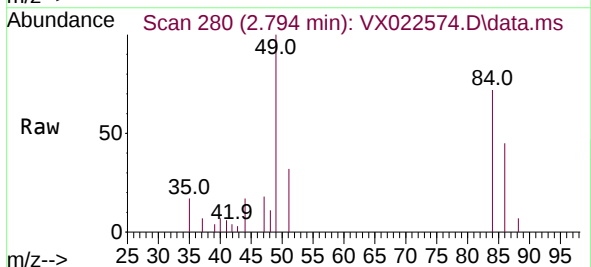
Instrument :
MSVOA_X
ClientSampled :

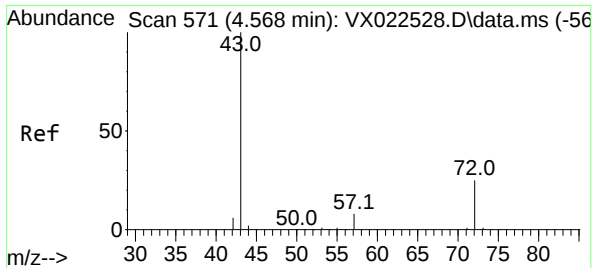
Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
74 16.3 21.9 32.9#



#20
Methylene Chloride
Concen: 2.062 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion: 84 Resp: 2065
Ion Ratio Lower Upper
84 100
49 139.3 88.6 132.8#
51 44.2 27.0 40.6#
86 62.7 50.3 75.5

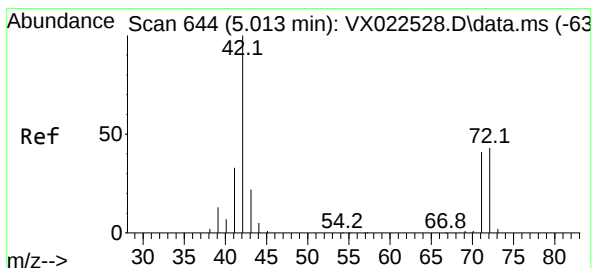
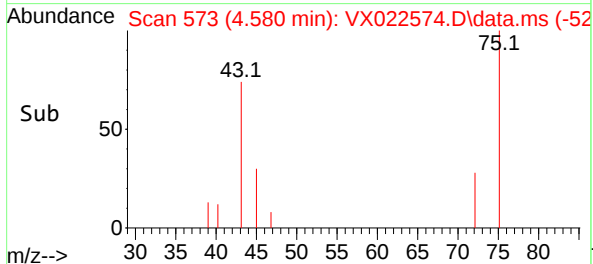
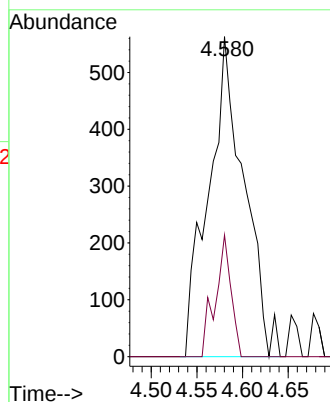
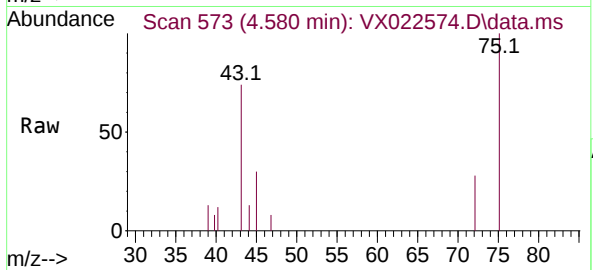




#25
2-Butanone
Concen: 1.924 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

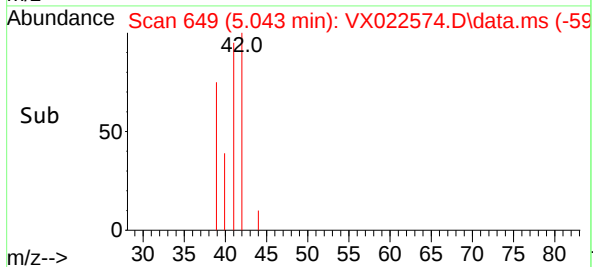
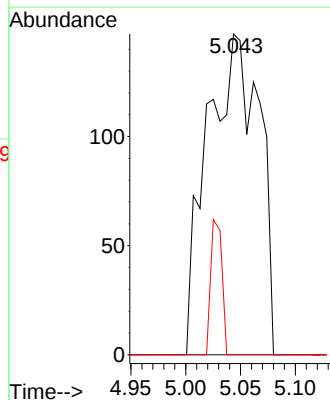
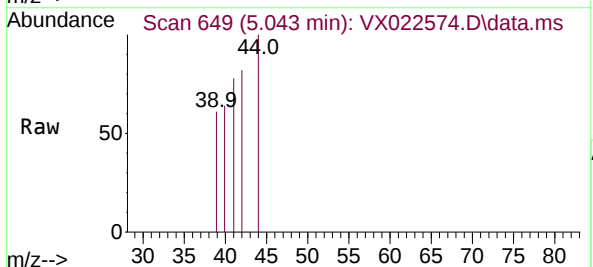
Instrument :
MSVOA_X
ClientSampled :

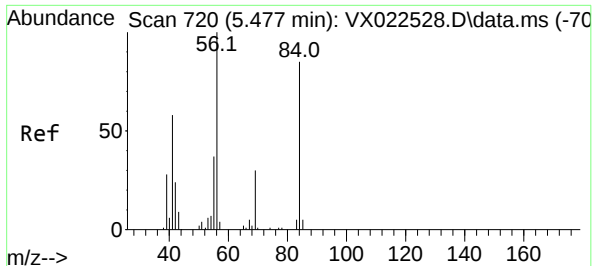
Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
72 38.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.038 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.030 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

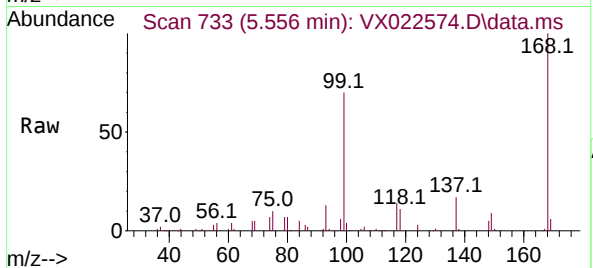
Tgt Ion: 42 Resp: 483
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 9.1 38.4 57.6#



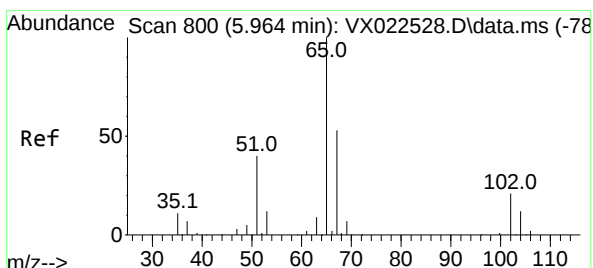
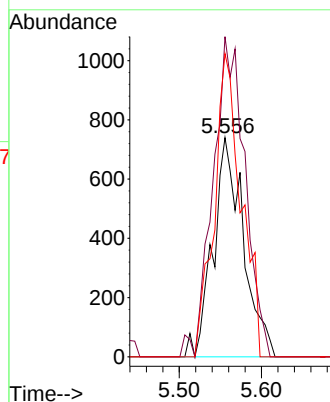
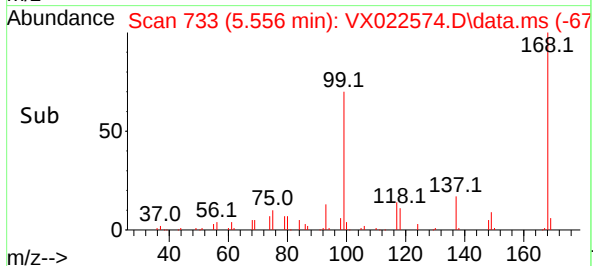


#31
Cyclohexane
Concen: 1.494 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

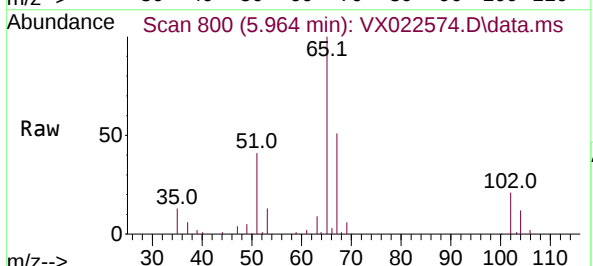
Instrument :
MSVOA_X
ClientSampleId :



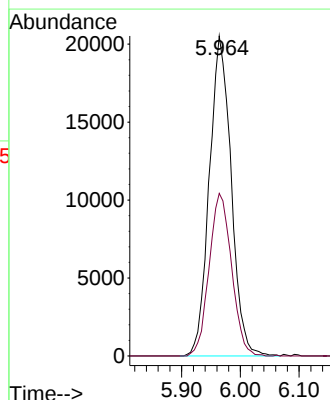
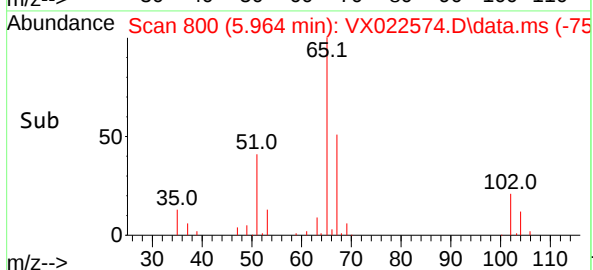
Tgt Ion: 56 Resp: 1887
Ion Ratio Lower Upper
56 100
69 146.1 25.3 37.9#
84 138.4 71.4 107.0#

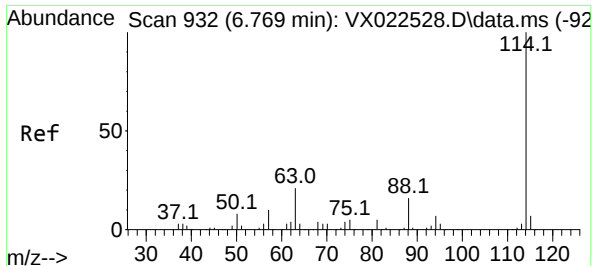


#33
1,2-Dichloroethane-d4
Concen: 49.648 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15



Tgt Ion: 65 Resp: 52998
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

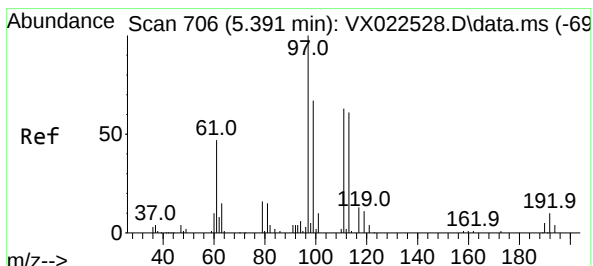
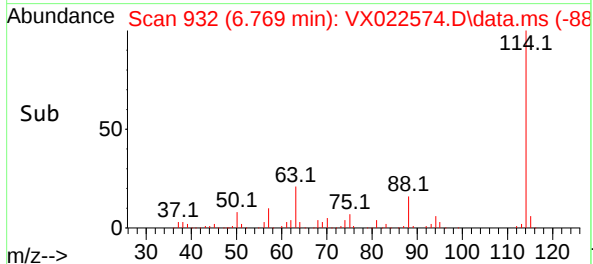
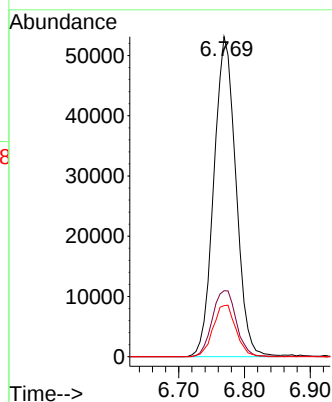
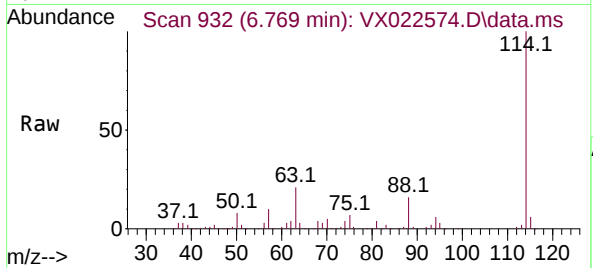




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

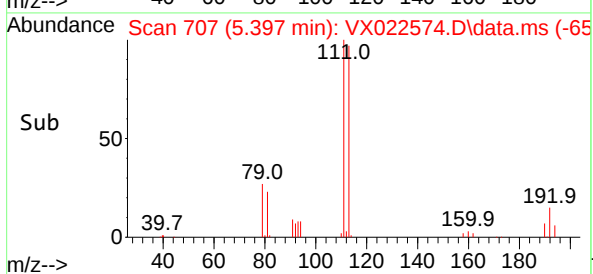
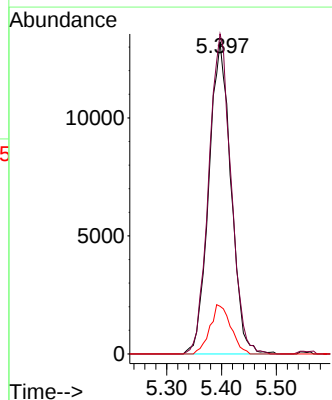
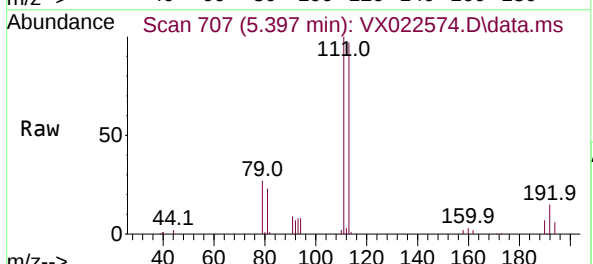
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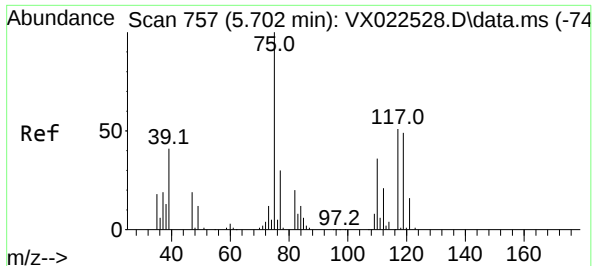
Tgt Ion:114 Resp: 123929
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.757 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion:113 Resp: 37030
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 14.8 16.7 25.1#

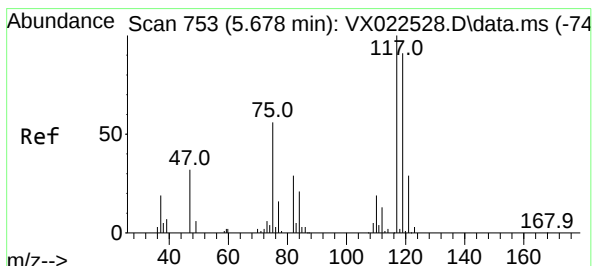
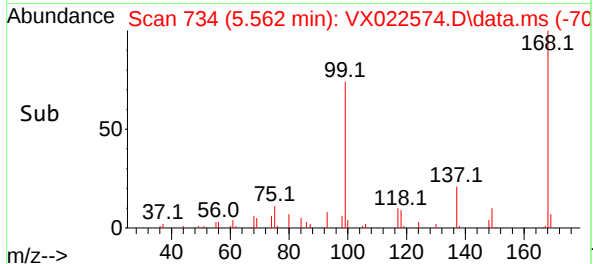
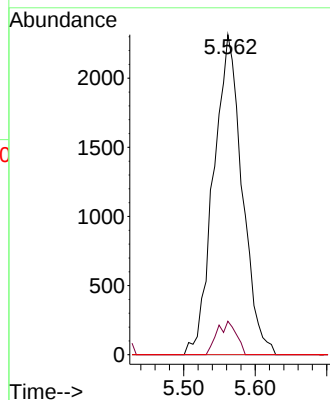
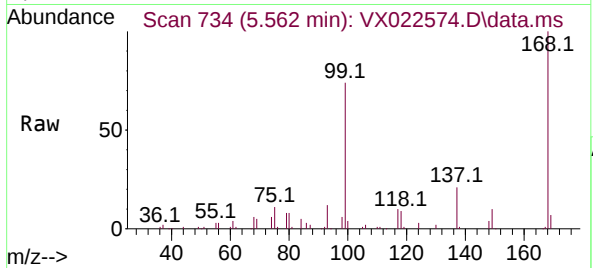




#36
1,1-Dichloropropene
Concen: 5.364 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

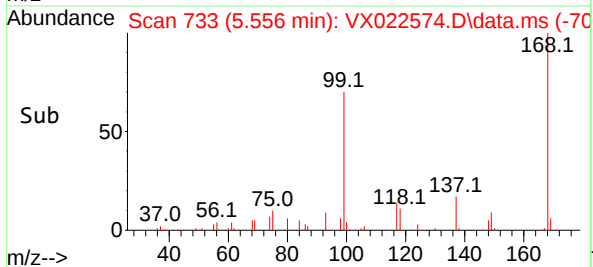
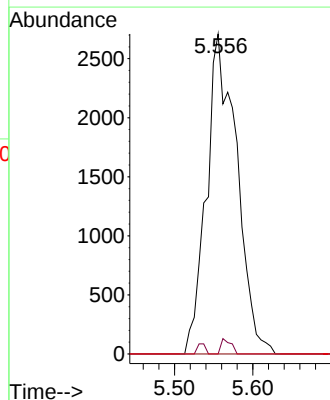
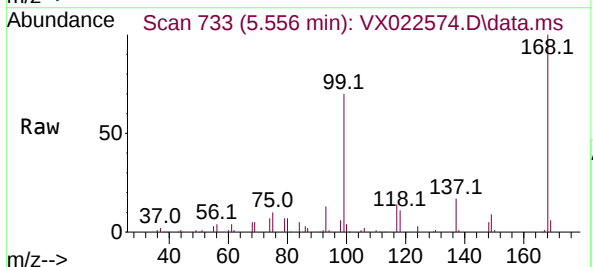
Instrument :
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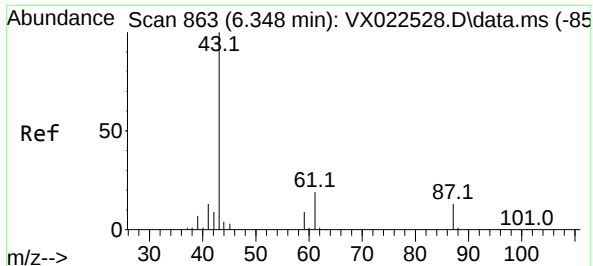
Tgt Ion: 75 Resp: 6431
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.351 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion: 117 Resp: 7288
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#

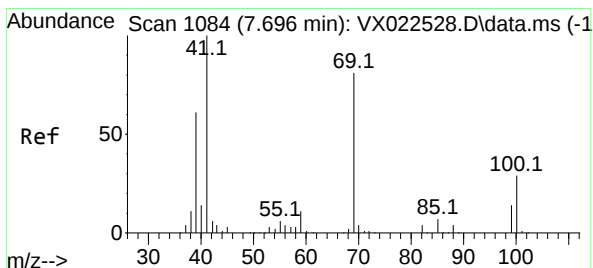
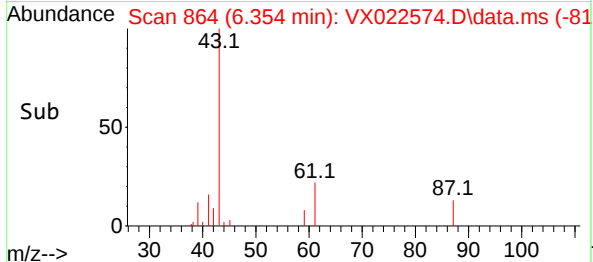
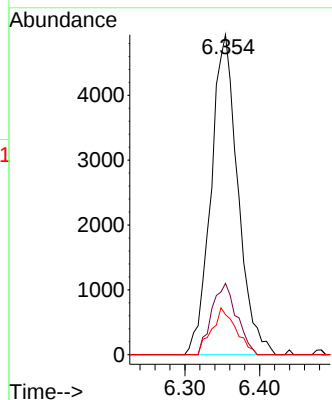
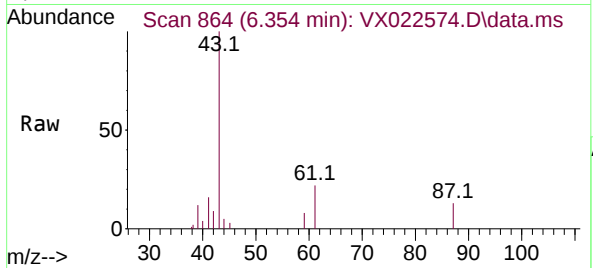




#43
Isopropyl Acetate
Concen: 4.945 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

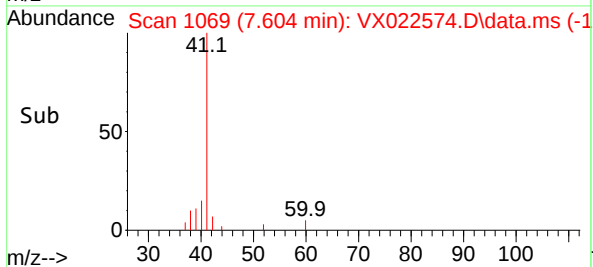
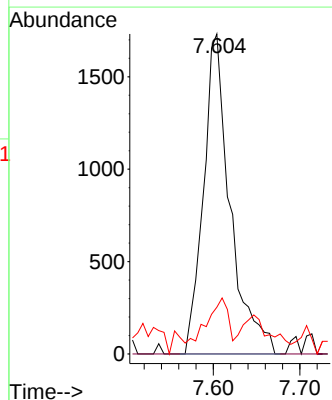
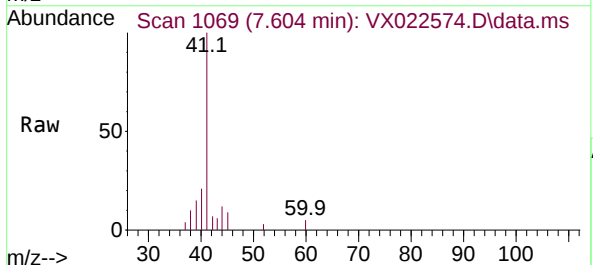
Instrument :
MSVOA_X
ClientSampleId :

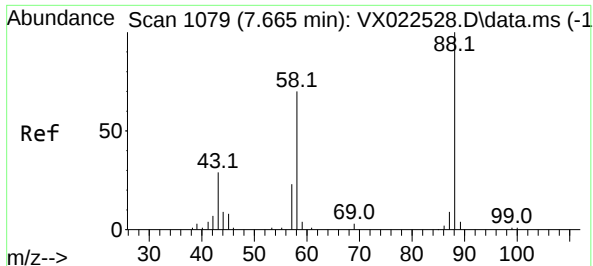
Tgt Ion: 43 Resp: 12334
Ion Ratio Lower Upper
43 100
61 20.7 18.2 27.4
87 13.1 12.5 18.7



#48
Methyl methacrylate
Concen: 3.187 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion: 41 Resp: 3699
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: 2.386 ug/l

RT: 7.799 min Scan# 1101

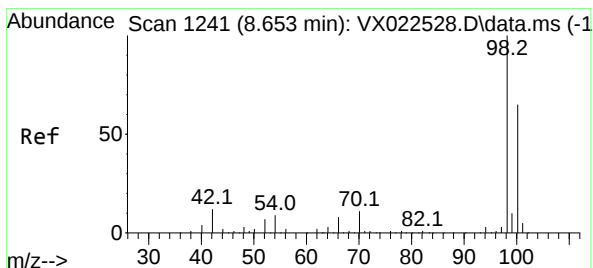
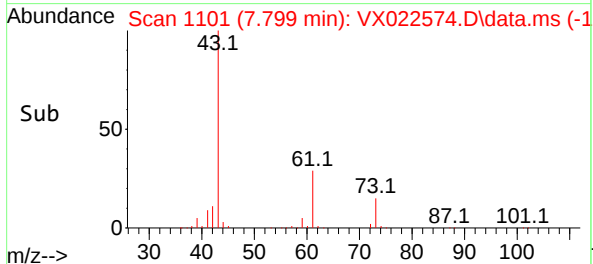
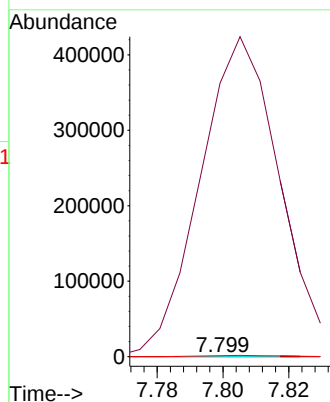
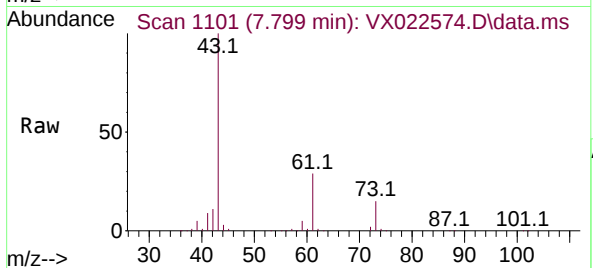
Delta R.T. 0.134 min

Lab File: VX022574.D

Acq: 08 Jun 2021 19:15

Tgt Ion: 88 Resp: 56
 Ion Ratio Lower Upper
 88 100
 43 1292248.2 23.2 34.8#
 58 5173.2 55.0 82.4#

Instrument :
 MSVOA_X
 ClientSampleId :



#50

Toluene-d8

Concen: 51.048 ug/l

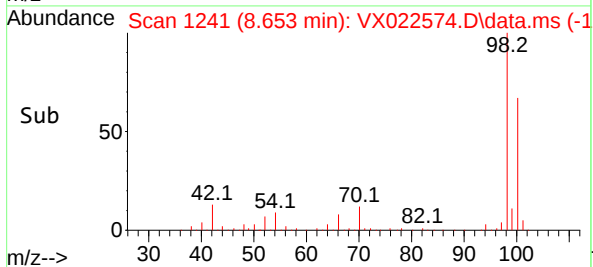
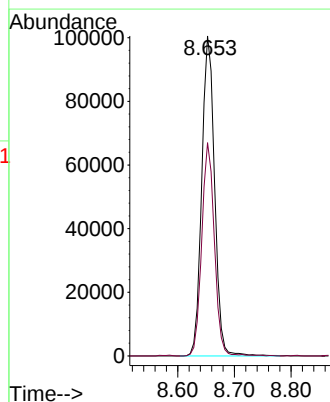
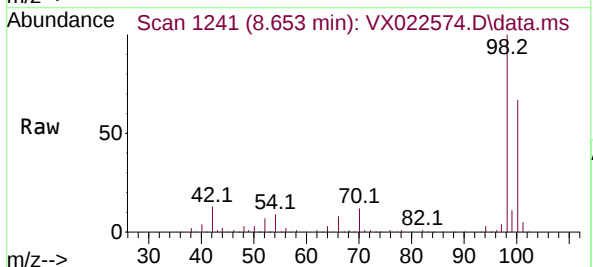
RT: 8.653 min Scan# 1241

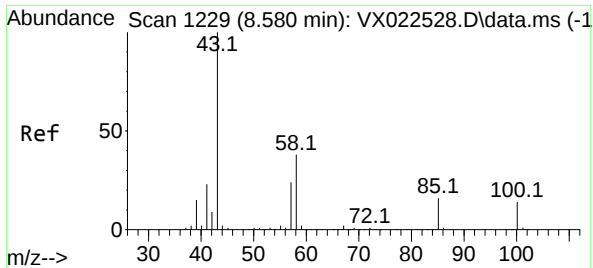
Delta R.T. -0.000 min

Lab File: VX022574.D

Acq: 08 Jun 2021 19:15

Tgt Ion: 98 Resp: 157933
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.9 77.9

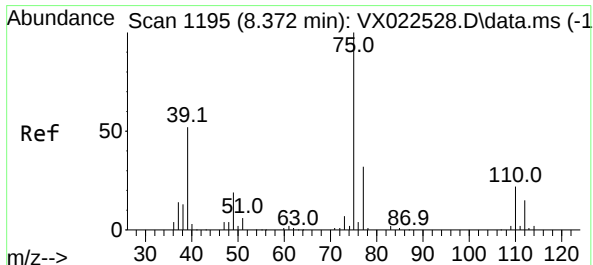
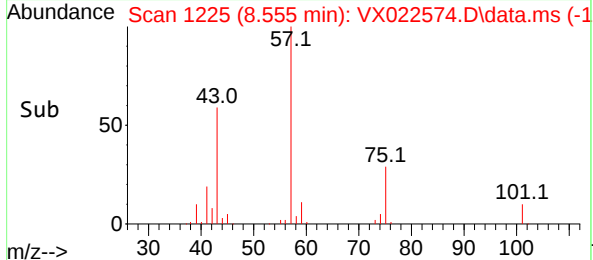
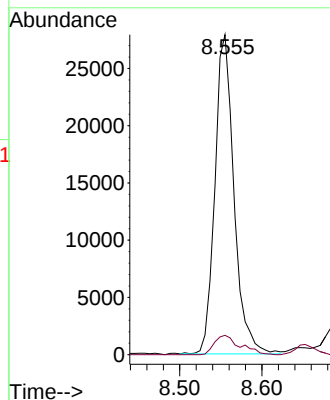
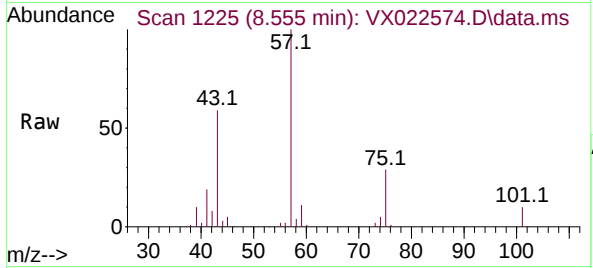




#51
4-Methyl-2-Pentanone
Concen: 28.943 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

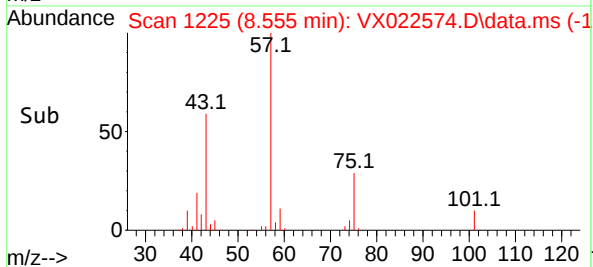
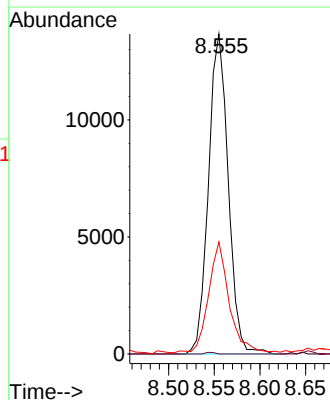
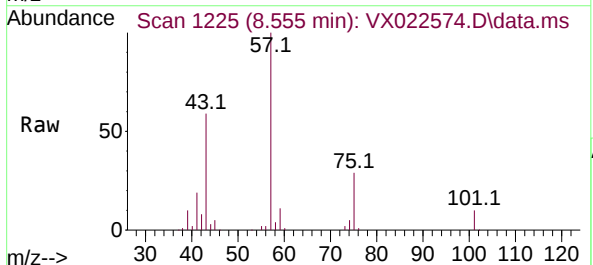
Instrument :
MSVOA_X
ClientSampleId :

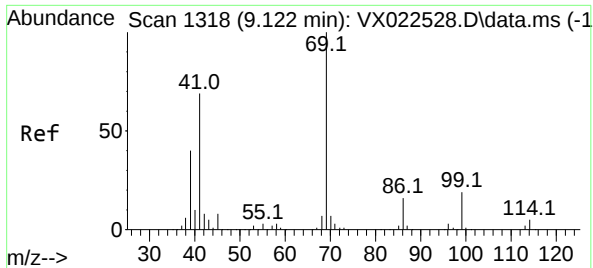
Tgt Ion: 43 Resp: 44977
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.479 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion: 75 Resp: 20509
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 34.5 35.1 52.7#

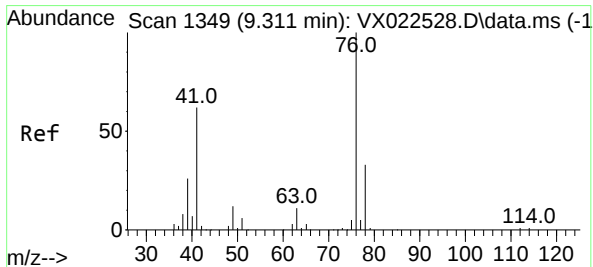
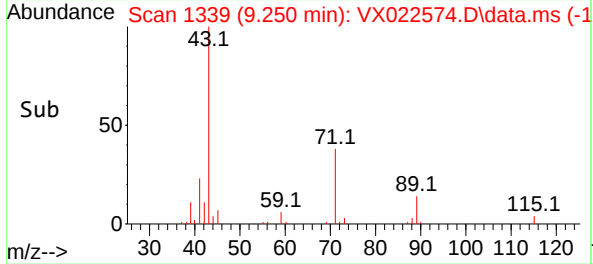
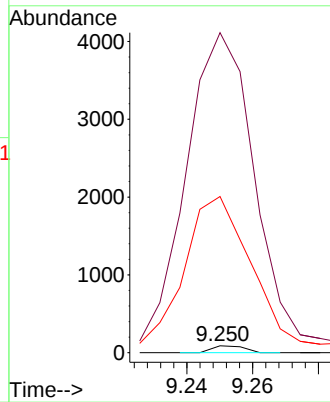
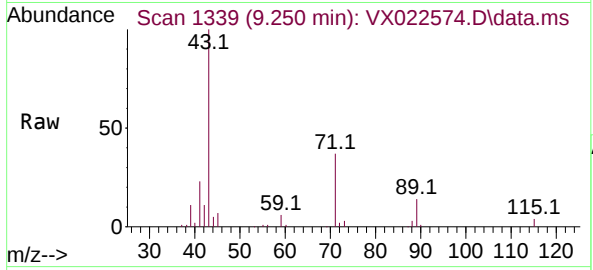




#56
Ethyl methacrylate
Concen: 2.735 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

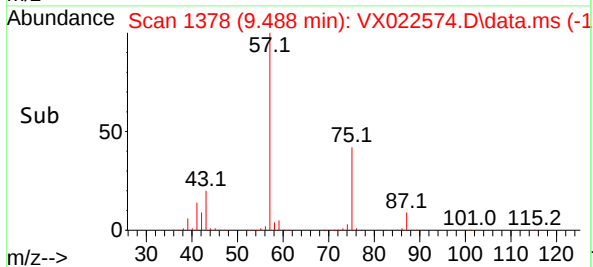
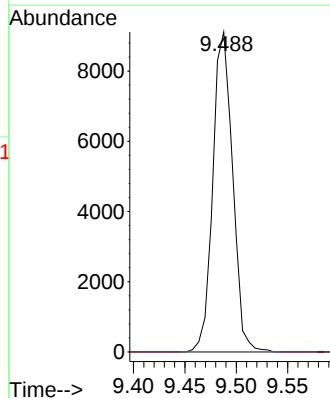
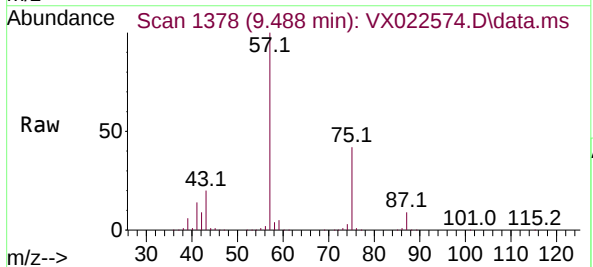
Instrument :
MSVOA_X
ClientSampled :

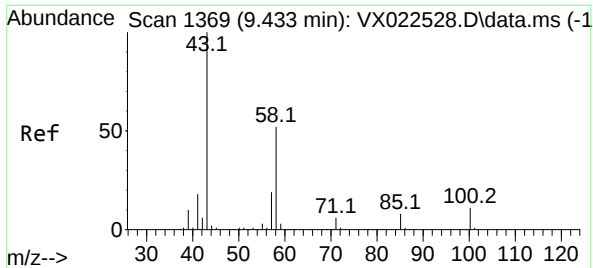
Tgt Ion: 69 Resp: 60
Ion Ratio Lower Upper
69 100
41 10240.0 46.8 70.2#
39 5126.7 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.461 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion: 76 Resp: 12211
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

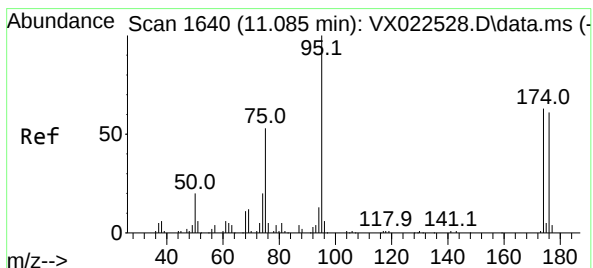
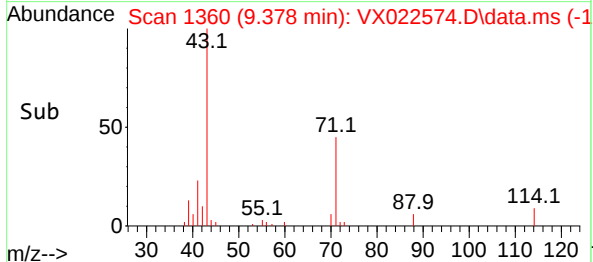
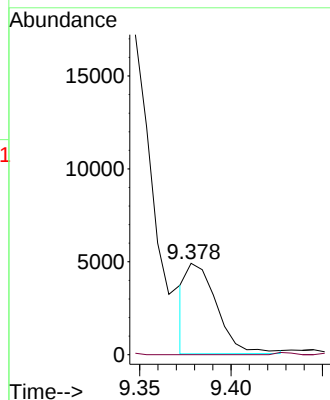
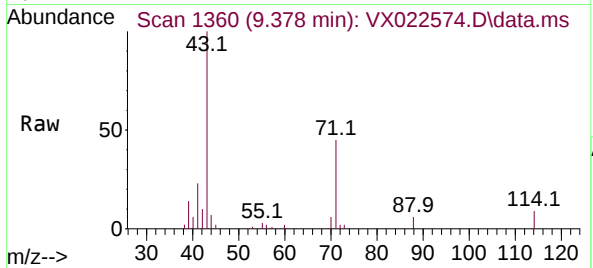




#59
2-Hexanone
Concen: 4.715 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

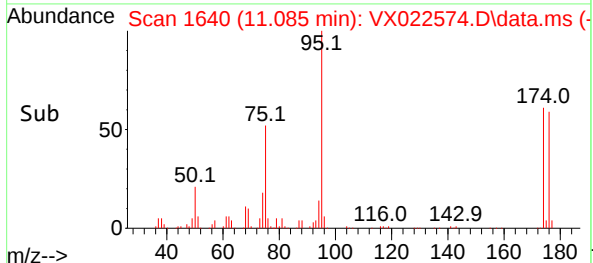
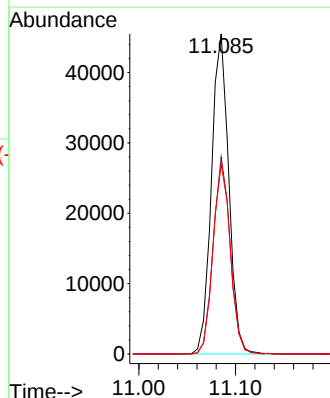
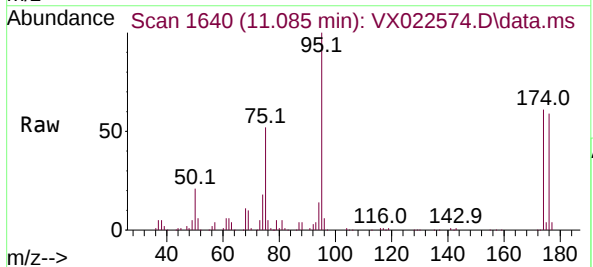
Instrument :
MSVOA_X
ClientSampled :

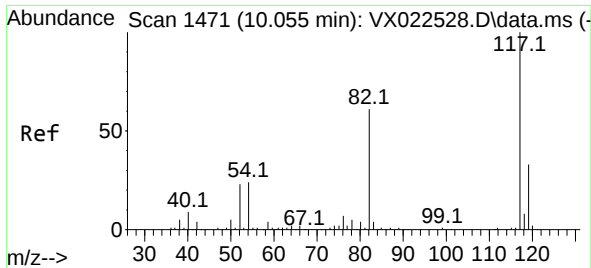
Tgt Ion: 43 Resp: 5597
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.132 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion: 95 Resp: 56500
Ion Ratio Lower Upper
95 100
174 60.5 0.0 154.6
176 59.3 0.0 155.8

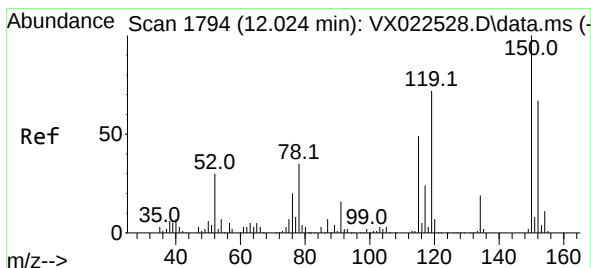
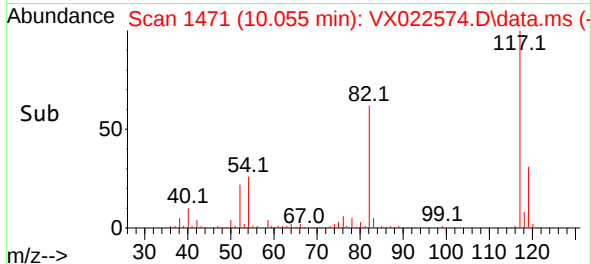
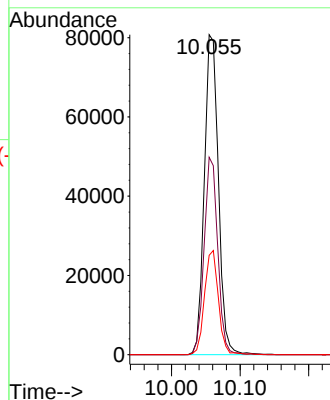
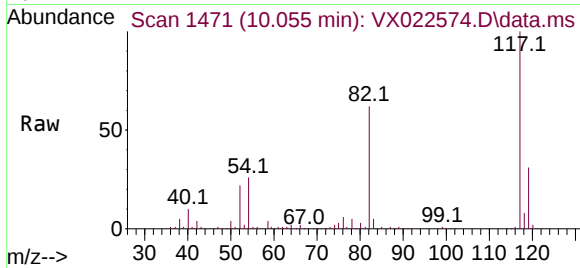




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

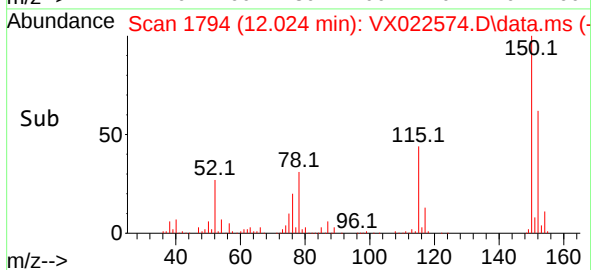
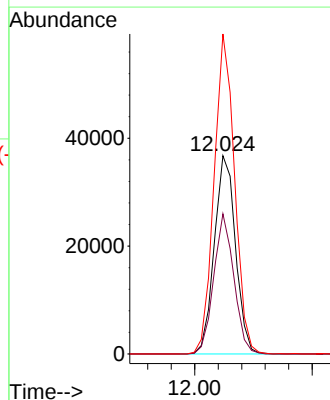
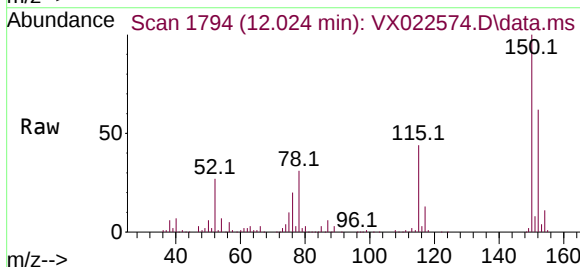
Instrument :
MSVOA_X
ClientSampleId :

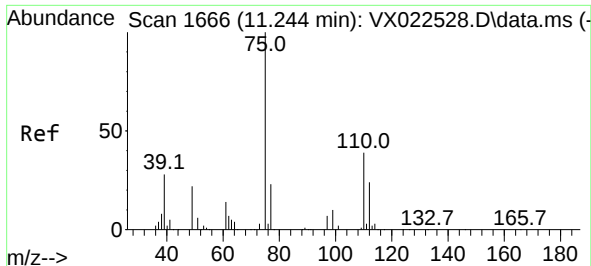
Tgt Ion:117 Resp: 115625
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

Tgt Ion:152 Resp: 46015
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 155.9 0.0 349.0

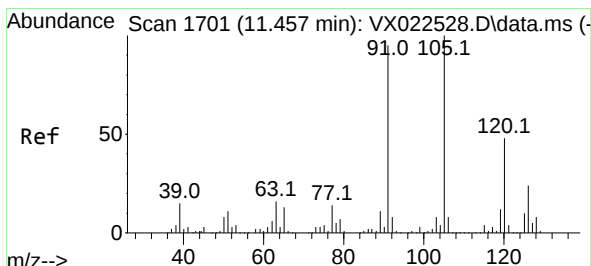
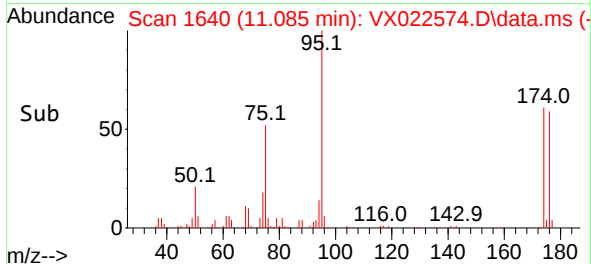
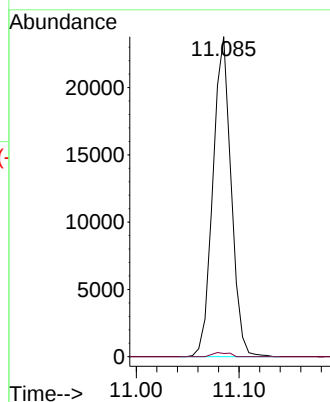
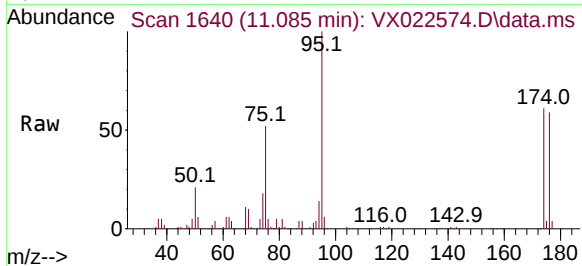




#76
1,2,3-Trichloropropane
Concen: 24.551 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

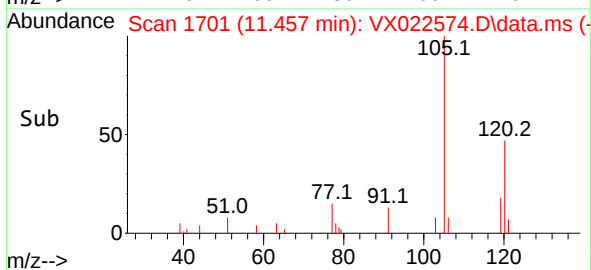
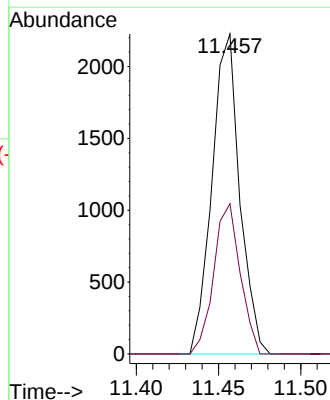
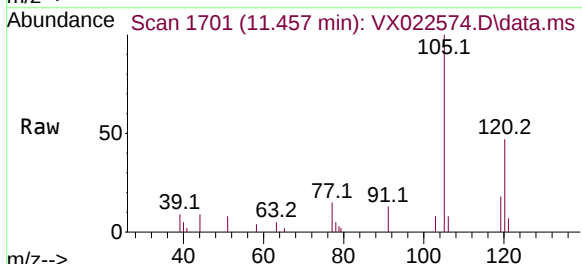
Instrument :
MSVOA_X
ClientSampled :

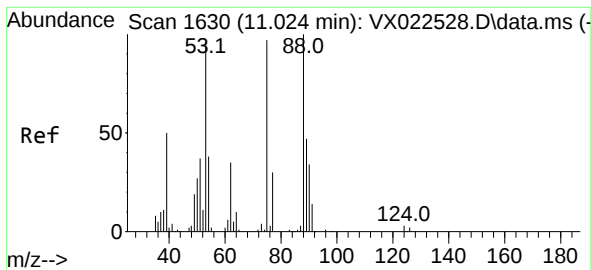
Tgt Ion: 75 Resp: 29267
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.815 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX022574.D
Acq: 08 Jun 2021 19:15

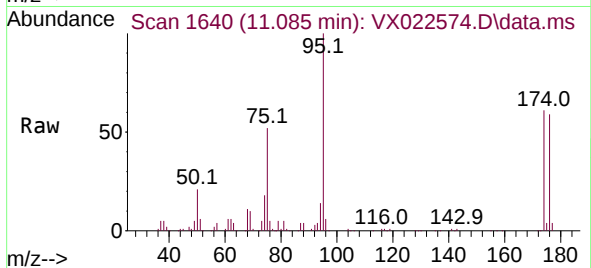
Tgt Ion: 105 Resp: 2613
Ion Ratio Lower Upper
105 100
120 44.7 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.860 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022574.D
 Acq: 08 Jun 2021 19:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 29267
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

