

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022573.D
 Acq On : 08 Jun 2021 18:52
 Operator : JC/MD
 Sample : PB136878ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:01:41 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

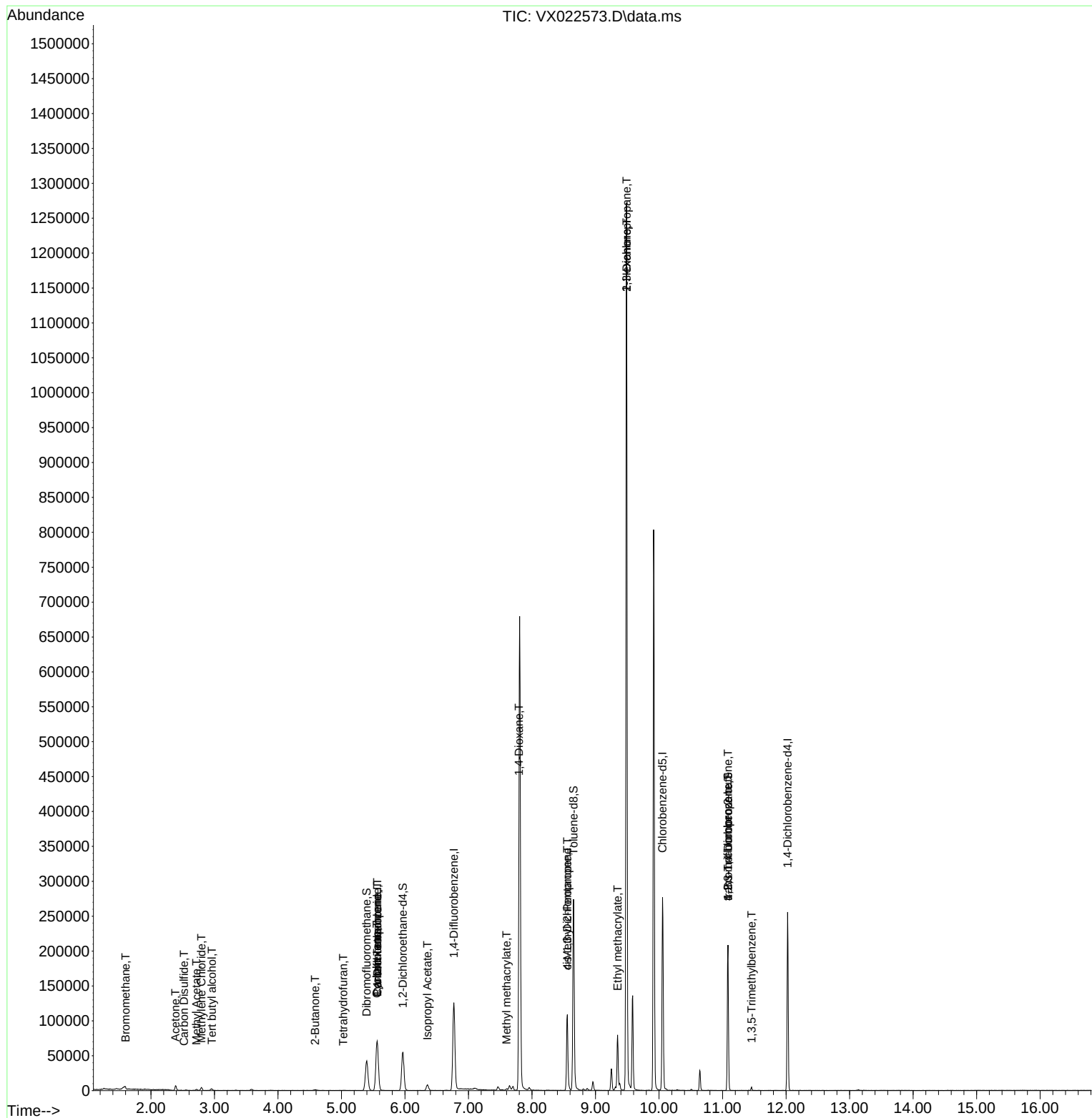
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	60523	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	122120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50722	47.142	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.280%
35) Dibromofluoromethane	5.397	113	36053	47.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.653	98	154780	50.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.085	95	55583	49.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.100%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	187	0.428	ug/l	# 59
11) Tert butyl alcohol	2.959	59	1231	5.101	ug/l	# 73
16) Acetone	2.386	43	7182	14.855	ug/l	96
17) Carbon Disulfide	2.520	76	22	3.395	ug/l	# 75
18) Methyl Acetate	2.715	43	2121	1.591	ug/l	# 86
20) Methylene Chloride	2.794	84	1855	1.838	ug/l	93
25) 2-Butanone	4.587	43	1601	2.004	ug/l	# 80
29) Tetrahydrofuran	5.025	42	120	0.256	ug/l	# 27
31) Cyclohexane	5.556	56	1684	1.323	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	5991	5.071	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	6935	8.140	ug/l	# 15
43) Isopropyl Acetate	6.354	43	11306	4.600	ug/l	# 91
48) Methyl methacrylate	7.598	41	3157	2.760	ug/l	# 10
49) 1,4-Dioxane	7.793	88	23	0.994	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	38642	25.235	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	17292	12.763	ug/l	# 69
56) Ethyl methacrylate	9.348	69	377	2.916	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10602	6.574	ug/l	# 42
59) 2-Hexanone	9.488	43	148305	126.774	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	30160	25.786	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2003	0.637	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	30160	63.628	ug/l	# 12

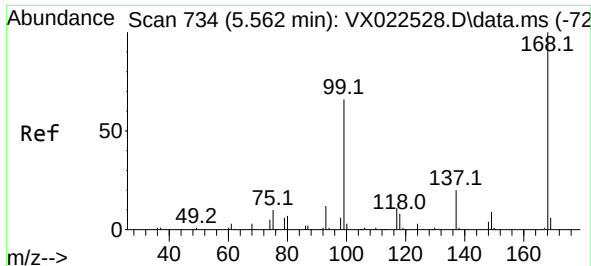
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

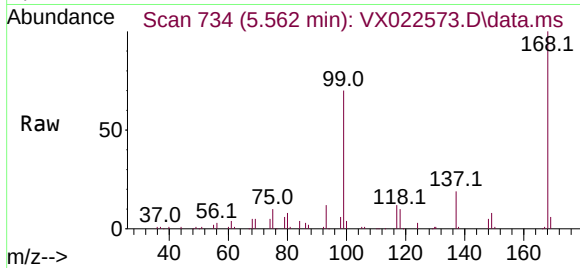
Quant Time: Jun 09 04:01:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



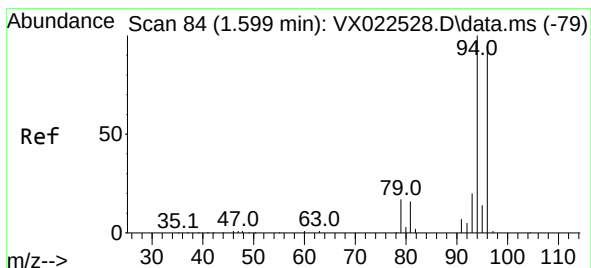
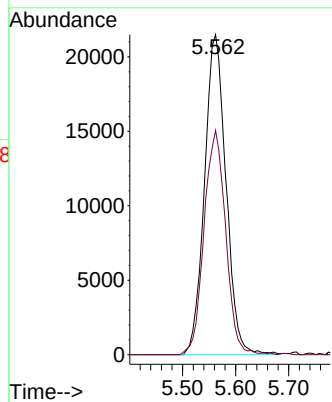
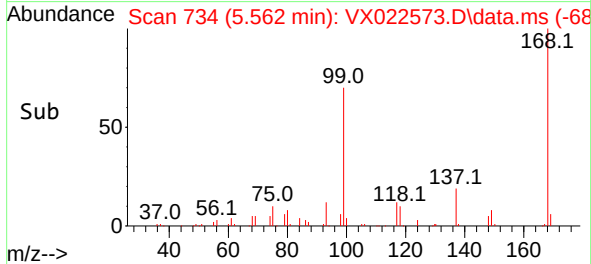


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

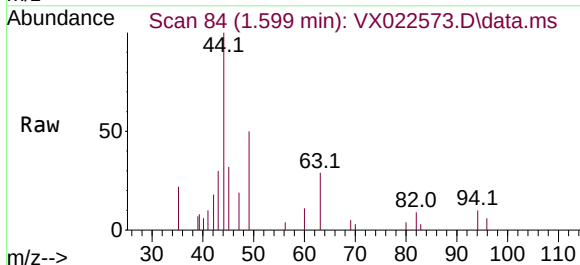
Instrument :
MSVOA_X
ClientSampled :



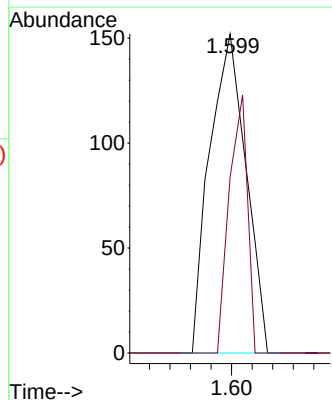
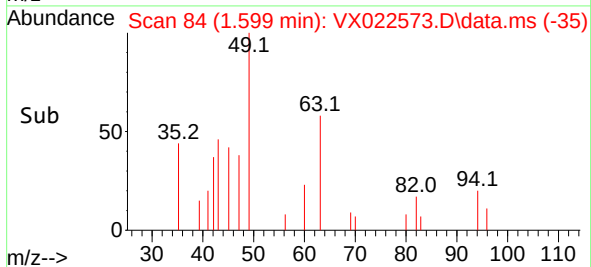
Tgt Ion:168 Resp: 60523
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#

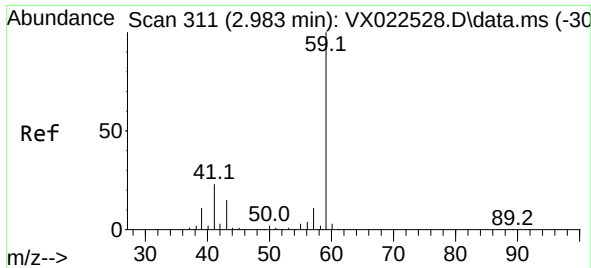


#5
Bromomethane
Concen: 0.428 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52



Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 55.3 76.4 114.6#



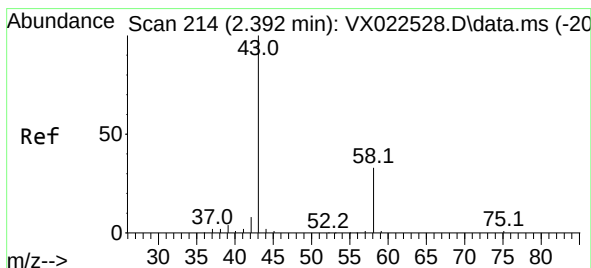
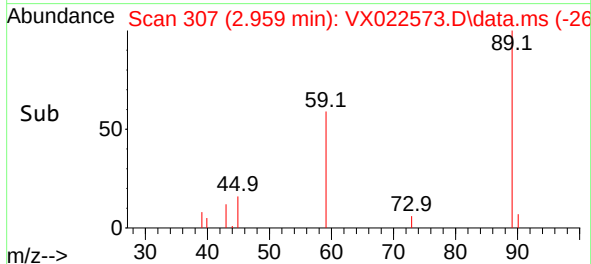
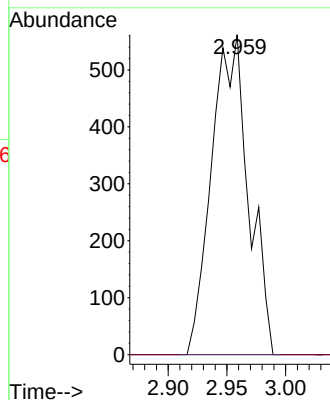
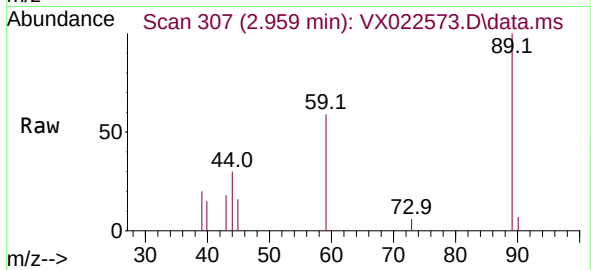


#11

Tert butyl alcohol
Concen: 5.101 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Instrument :
MSVOA_X
ClientSampled :

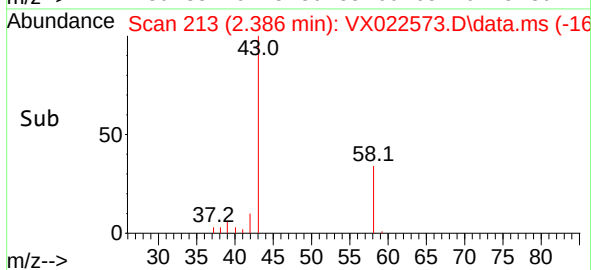
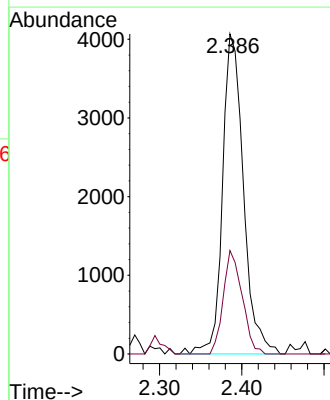
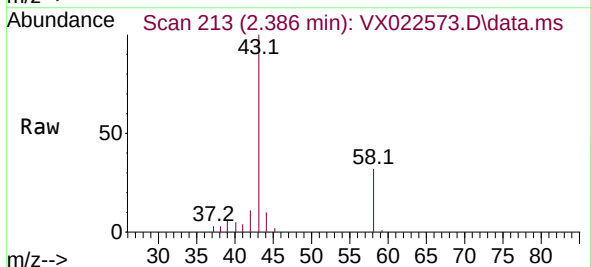
Tgt Ion: 59 Resp: 1231
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

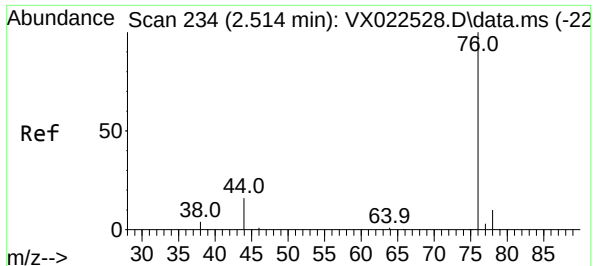


#16

Acetone
Concen: 14.855 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 43 Resp: 7182
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8

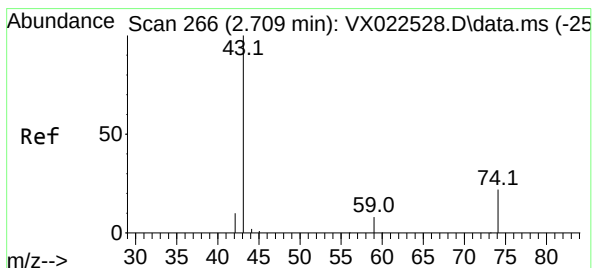
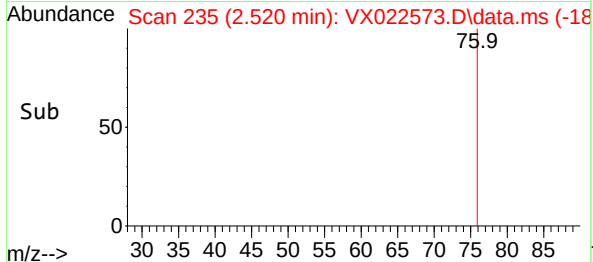
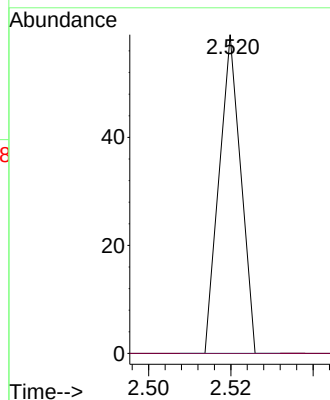
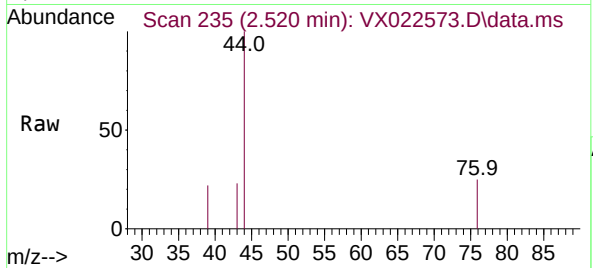




#17
Carbon Disulfide
Concen: 3.395 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

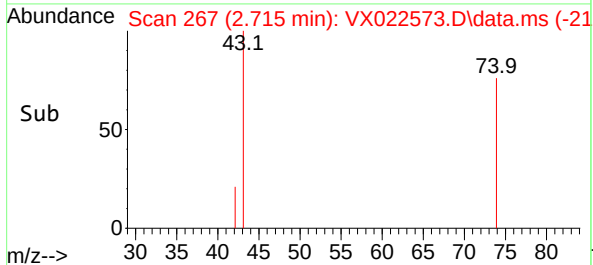
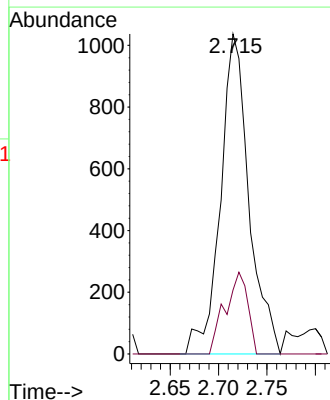
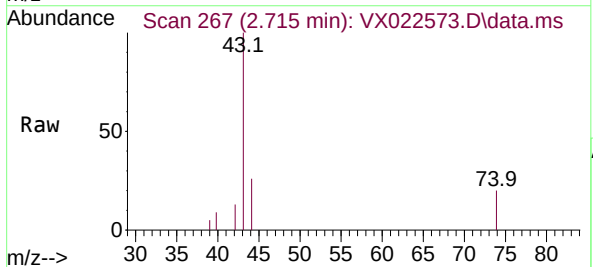
Instrument :
MSVOA_X
ClientSampled :

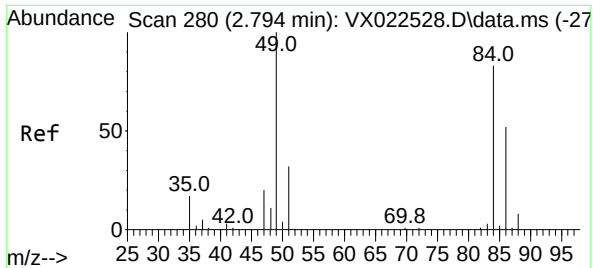
Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.591 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
74 20.2 21.9 32.9#

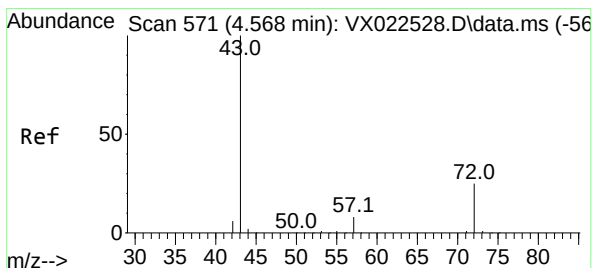
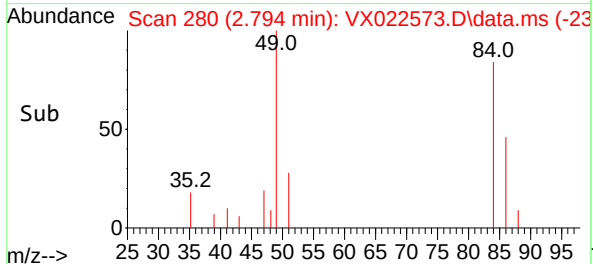
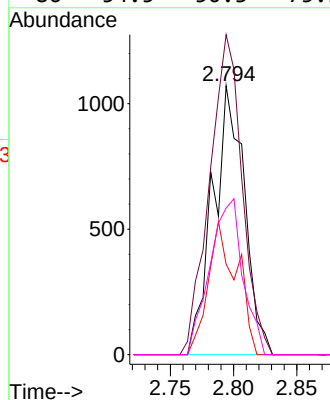
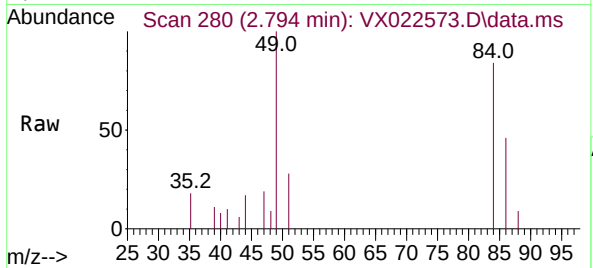




#20
Methylene Chloride
Concen: 1.838 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

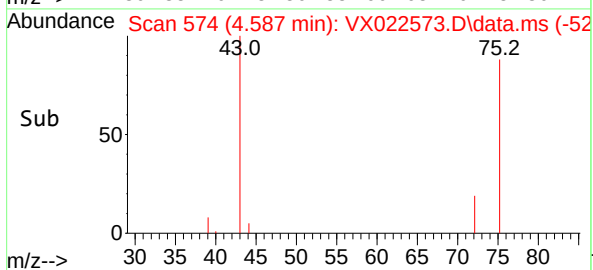
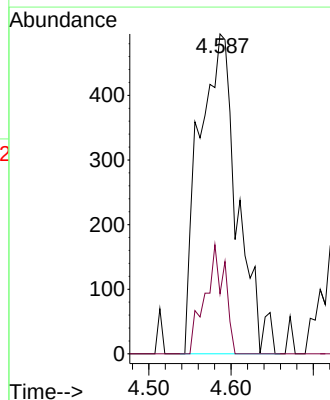
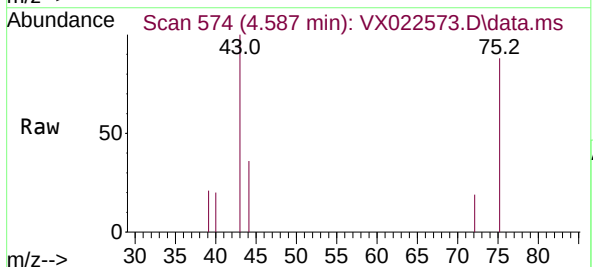
Instrument :
MSVOA_X
ClientSampled :

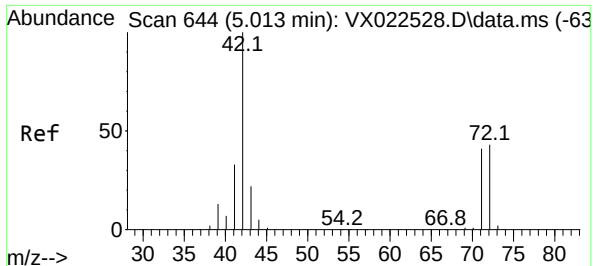
Tgt Ion: 84	Resp: 1855
Ion Ratio	Lower Upper
84 100	
49 118.9	88.6 132.8
51 33.7	27.0 40.6
86 54.5	50.3 75.5



#25
2-Butanone
Concen: 2.004 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 43	Resp: 1601		
Ion Ratio	Lower	Upper	
43 100			
72 18.8	23.7	35.5#	





#29

Tetrahydrofuran

Concen: 0.256 ug/l

RT: 5.025 min Scan# 646

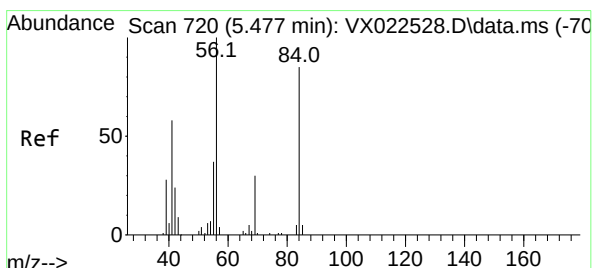
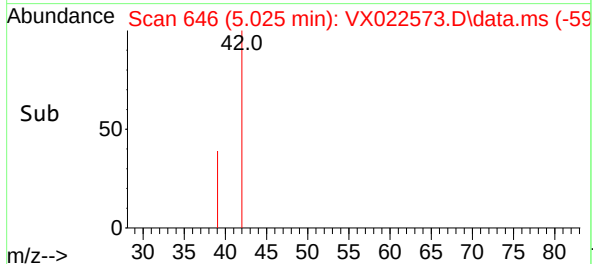
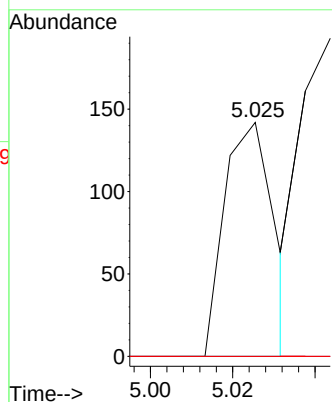
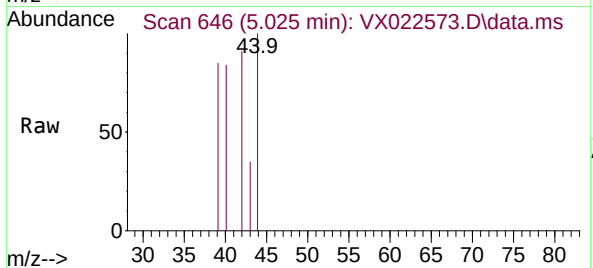
Delta R.T. 0.012 min

Lab File: VX022573.D

Acq: 08 Jun 2021 18:52

Tgt Ion:	42	Resp:	120
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.323 ug/l

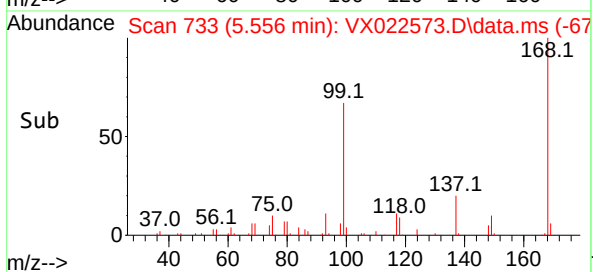
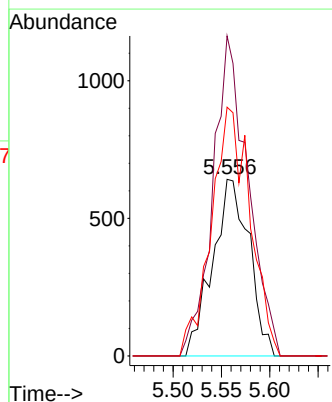
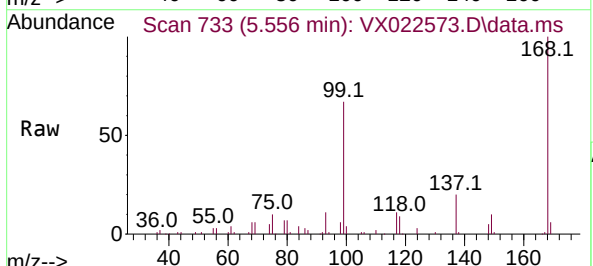
RT: 5.556 min Scan# 733

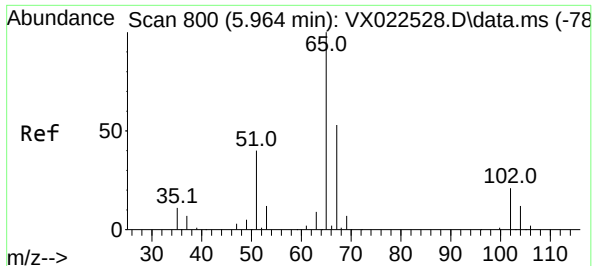
Delta R.T. 0.079 min

Lab File: VX022573.D

Acq: 08 Jun 2021 18:52

Tgt Ion:	56	Resp:	1684
Ion	Ratio	Lower	Upper
56	100		
69	181.2	25.3	37.9#
84	140.8	71.4	107.0#



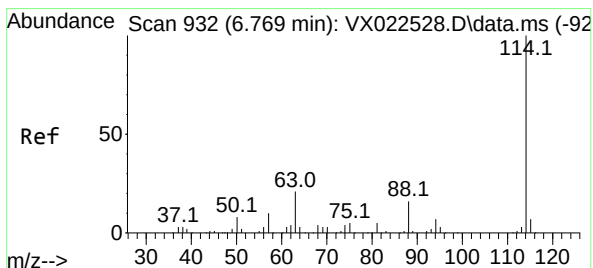
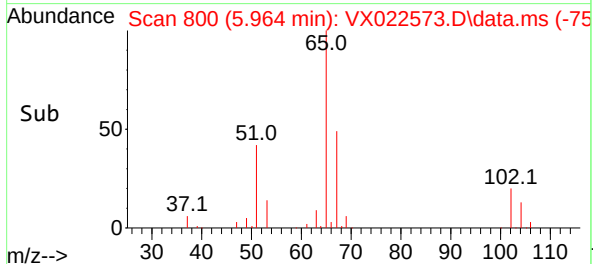
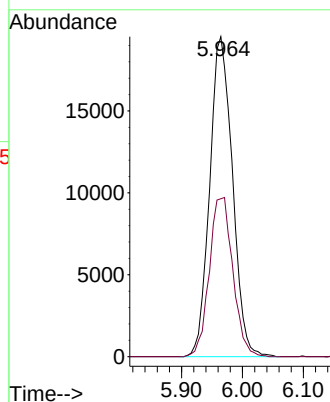
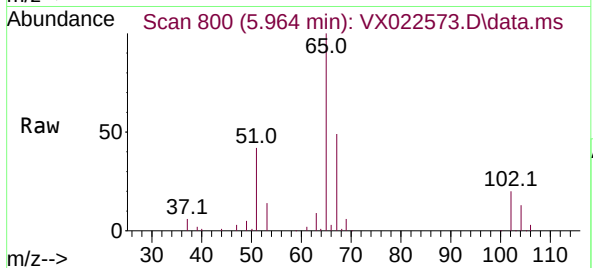


#33

1,2-Dichloroethane-d4
Concen: 47.142 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Instrument :
MSVOA_X
ClientSampleId :

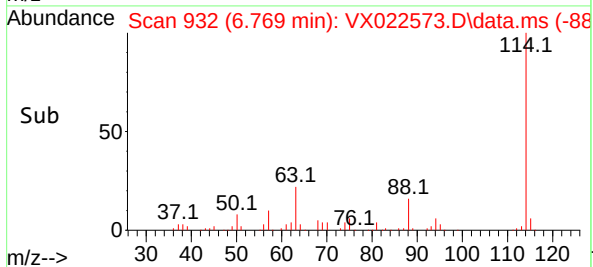
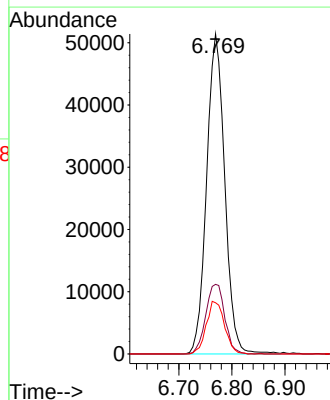
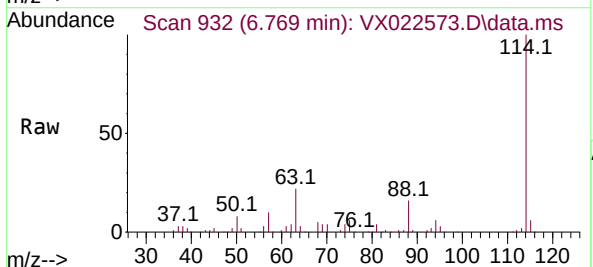
Tgt Ion: 65 Resp: 50722
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

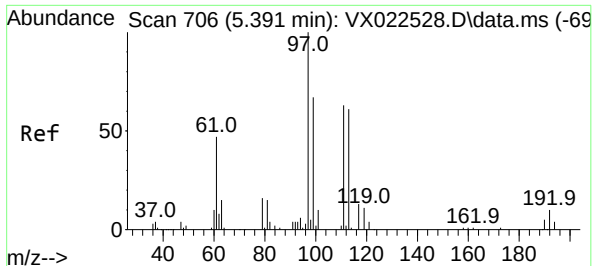


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 114 Resp: 122120
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.186 ug/l

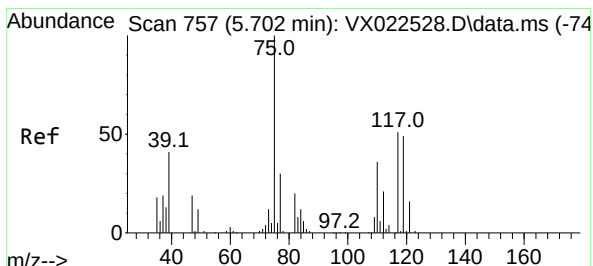
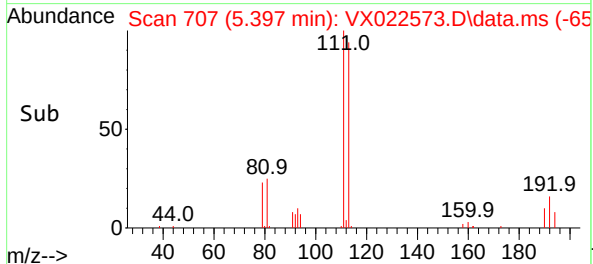
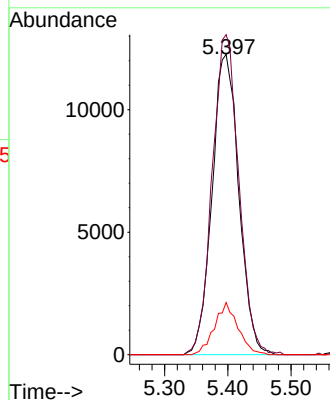
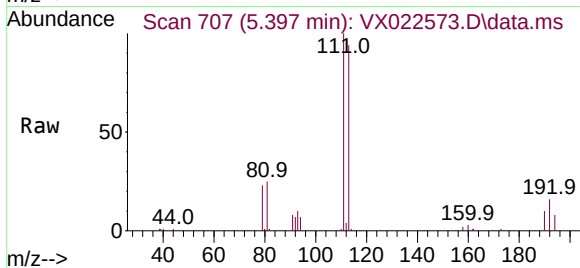
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022573.D

Acq: 08 Jun 2021 18:52

Tgt Ion:	113	Resp:	36053
Ion	Ratio	Lower	Upper
113	100		
111	105.8	81.9	122.9
192	15.2	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.071 ug/l

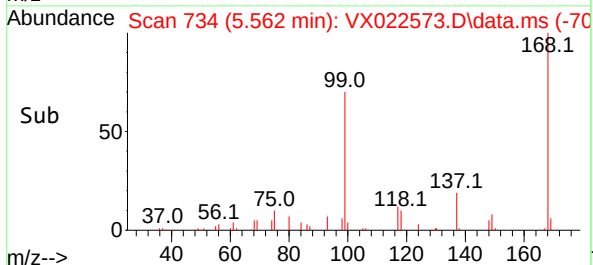
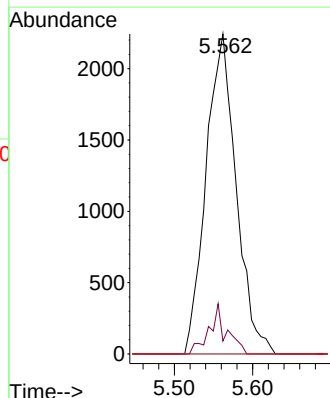
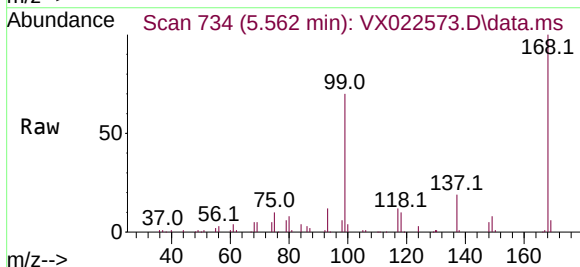
RT: 5.562 min Scan# 734

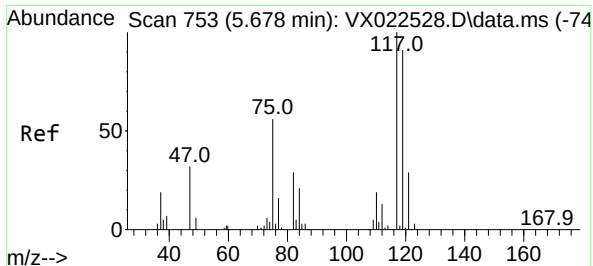
Delta R.T. -0.140 min

Lab File: VX022573.D

Acq: 08 Jun 2021 18:52

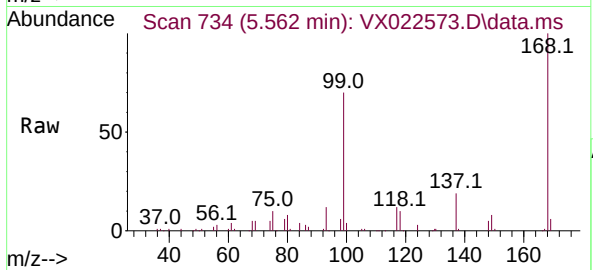
Tgt Ion:	75	Resp:	5991
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#



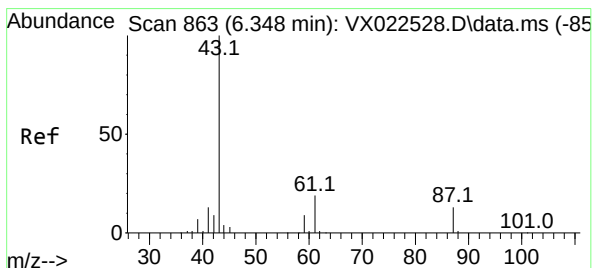
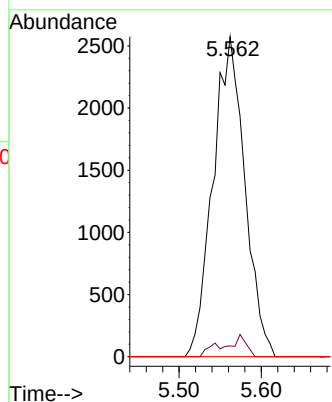
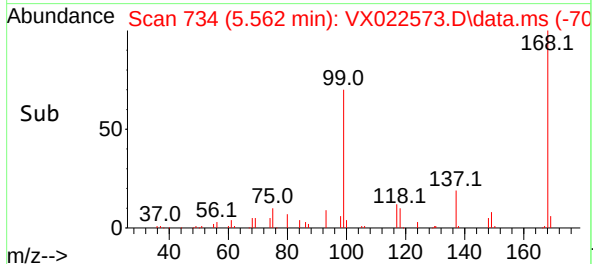


#38
Carbon Tetrachloride
Concen: 8.140 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

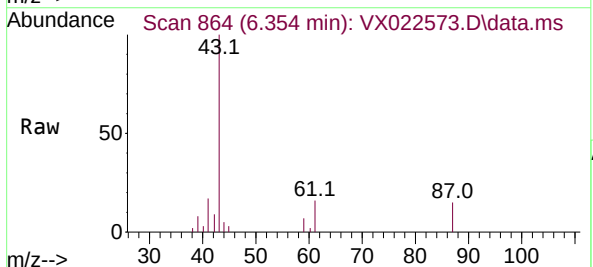
Instrument :
MSVOA_X
ClientSampleId :



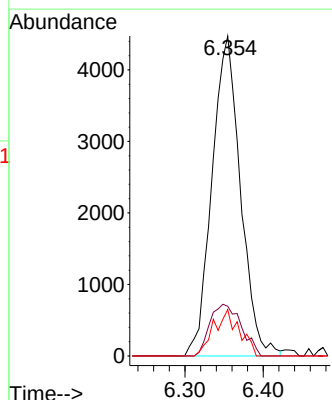
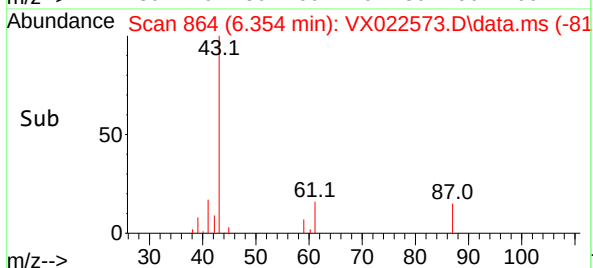
Tgt Ion:117 Resp: 6935
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#

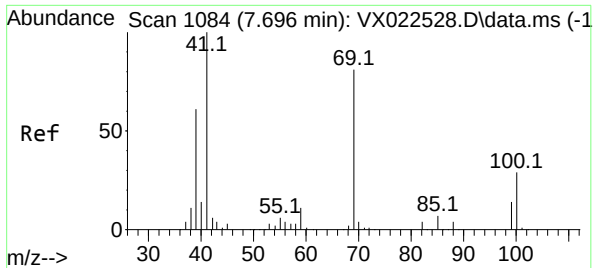


#43
Isopropyl Acetate
Concen: 4.600 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52



Tgt Ion: 43 Resp: 11306
Ion Ratio Lower Upper
43 100
61 17.8 18.2 27.4#
87 13.0 12.5 18.7

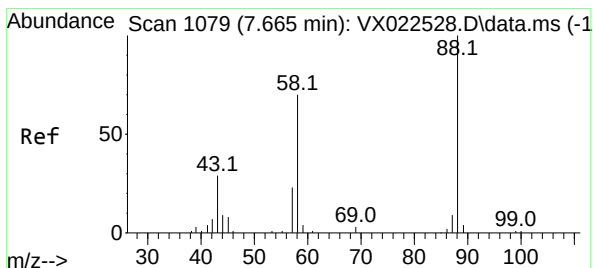
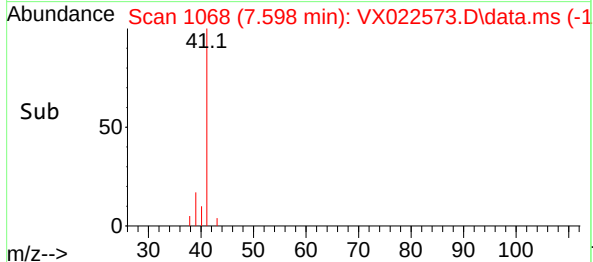
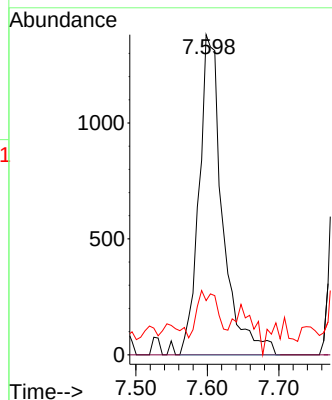
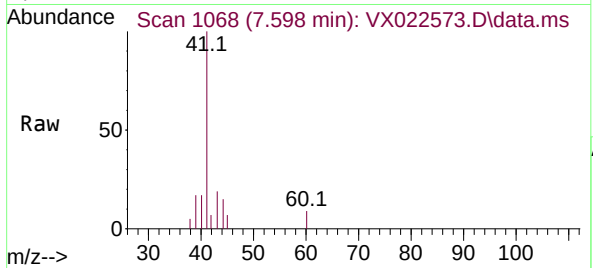




#48
Methyl methacrylate
Concen: 2.760 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

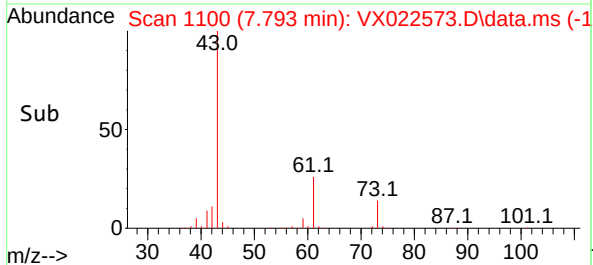
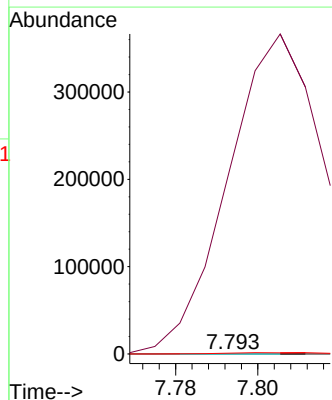
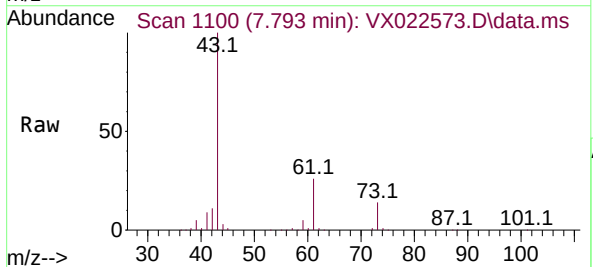
Instrument :
MSVOA_X
ClientSampleId :

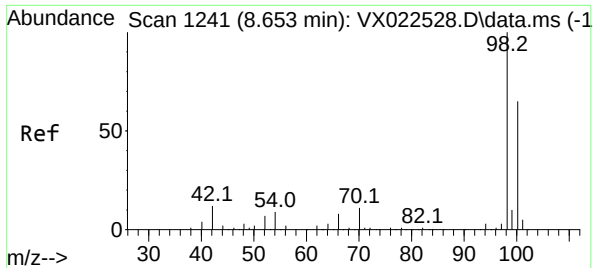
Tgt Ion: 41 Resp: 3157
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 0.994 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 2726513.0 23.2 34.8#
58 11621.7 55.0 82.4#

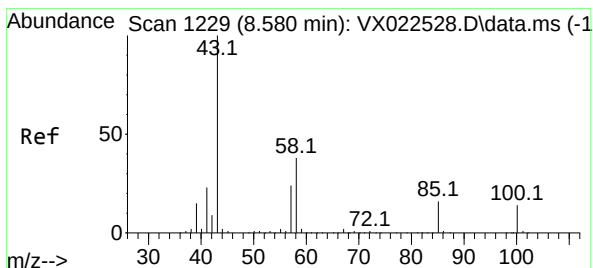
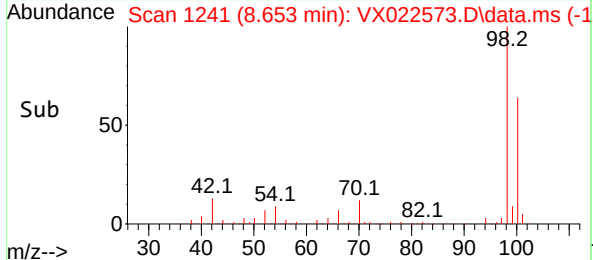
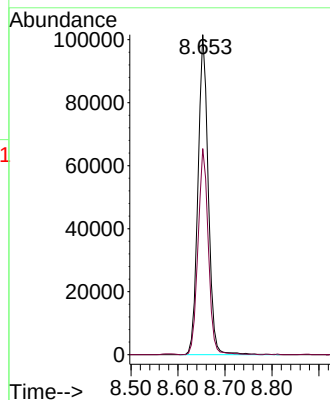
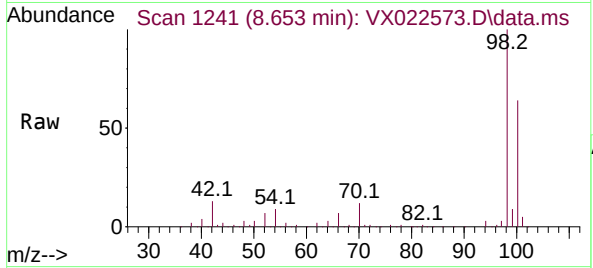




#50
Toluene-d8
Concen: 50.770 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

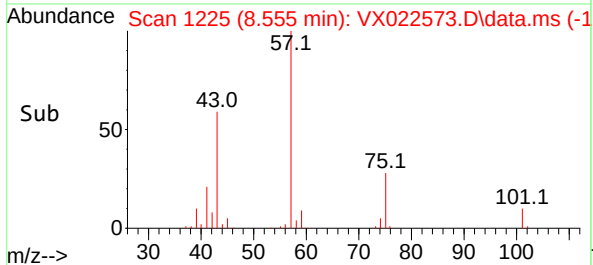
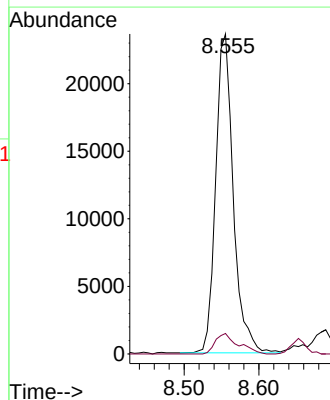
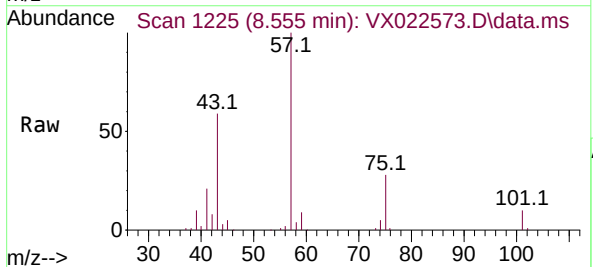
Instrument :
MSVOA_X
ClientSampled :

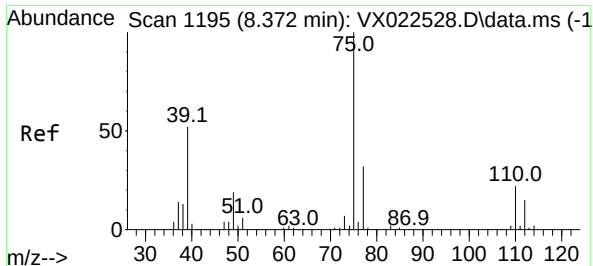
Tgt Ion: 98 Resp: 154780
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 25.235 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 43 Resp: 38642
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#

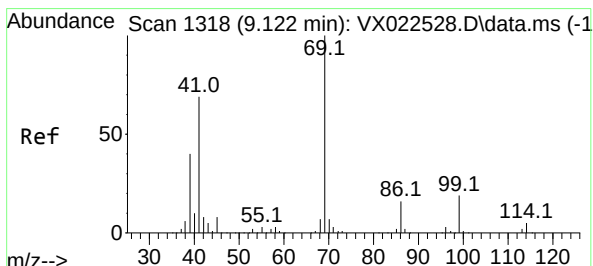
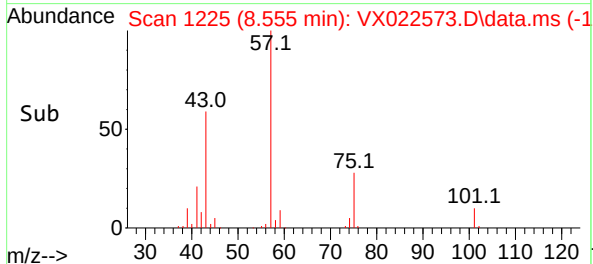
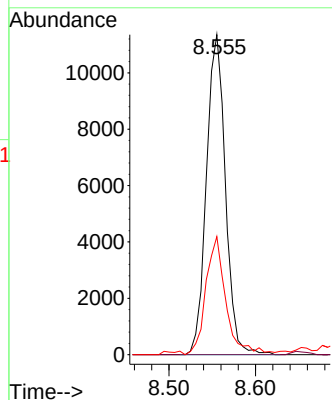
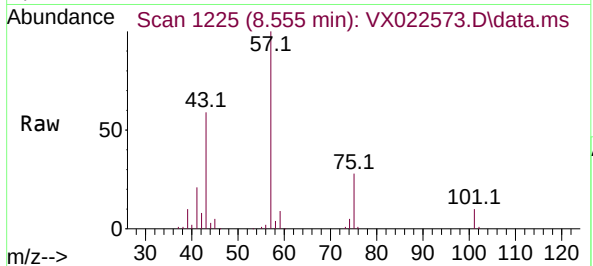




#54
cis-1,3-Dichloropropene
Concen: 12.763 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

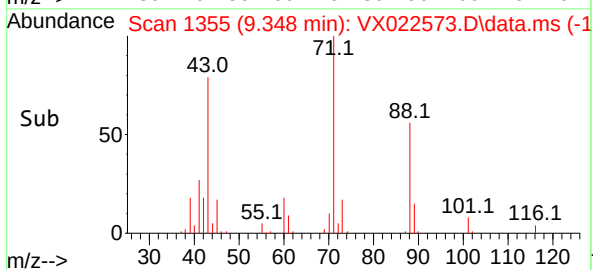
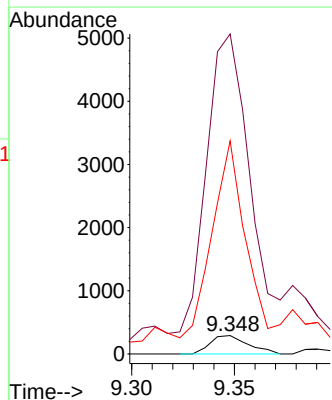
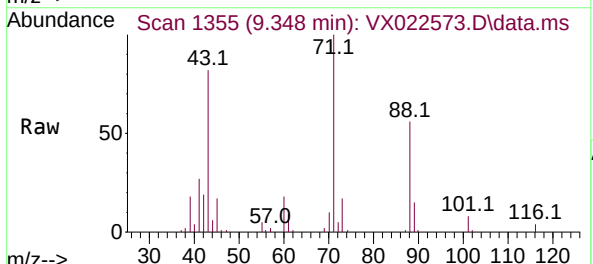
Instrument :
MSVOA_X
ClientSampled :

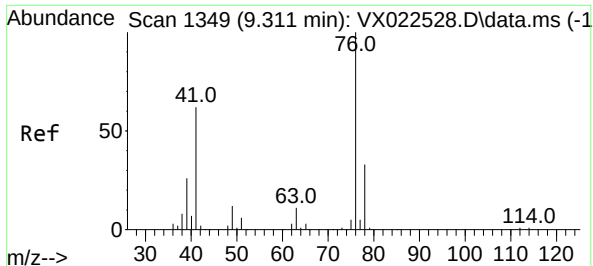
Tgt Ion: 75 Resp: 17292
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 35.8 35.1 52.7



#56
Ethyl methacrylate
Concen: 2.916 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 69 Resp: 377
Ion Ratio Lower Upper
69 100
41 2405.8 46.8 70.2#
39 948.8 24.7 37.1#



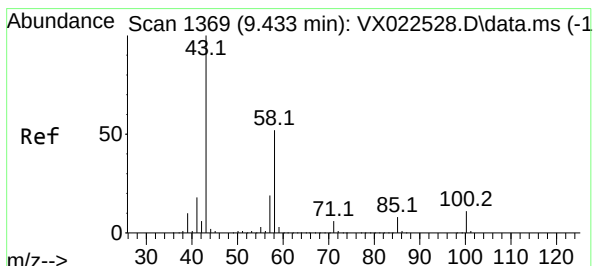
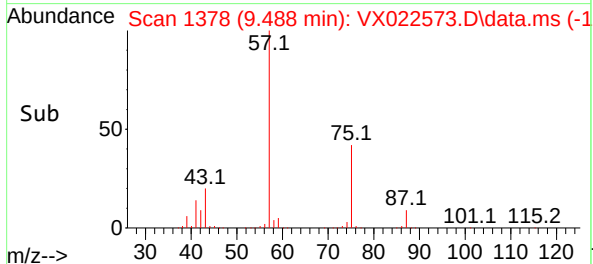
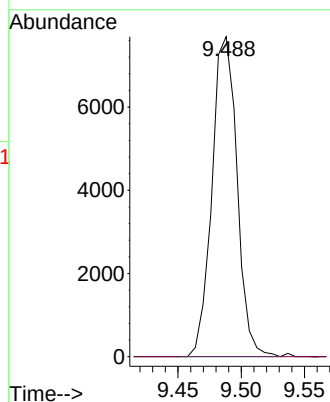
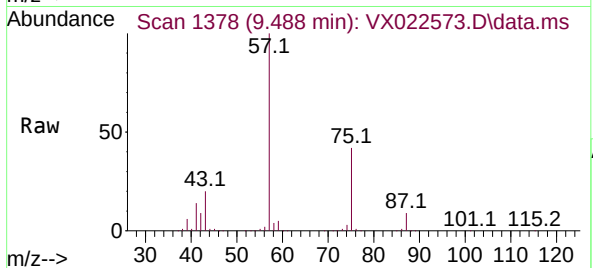


#57

1,3-Dichloropropane
Concen: 6.574 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Instrument :
MSVOA_X
ClientSampleId :

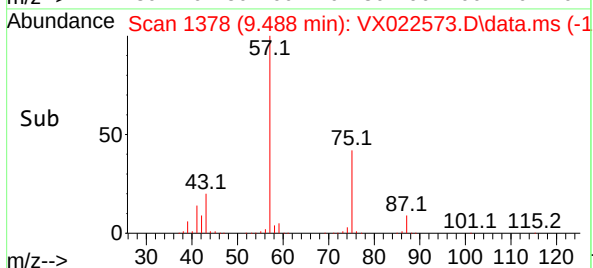
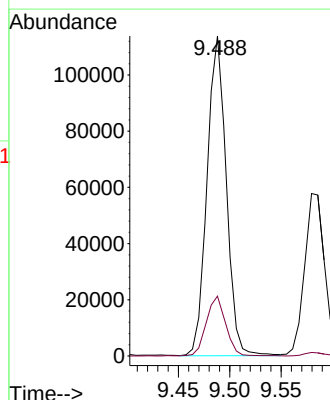
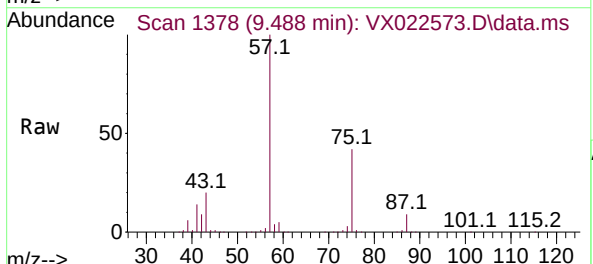
Tgt Ion: 76 Resp: 10602
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

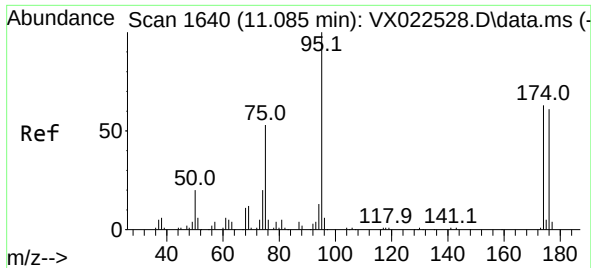


#59

2-Hexanone
Concen: 126.774 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 43 Resp: 148305
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#

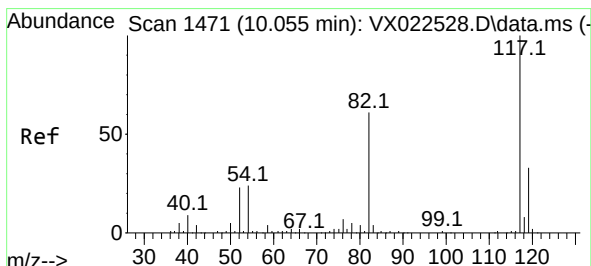
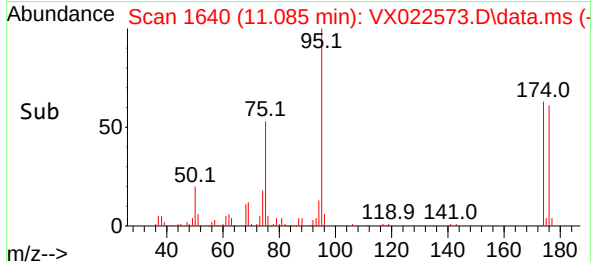
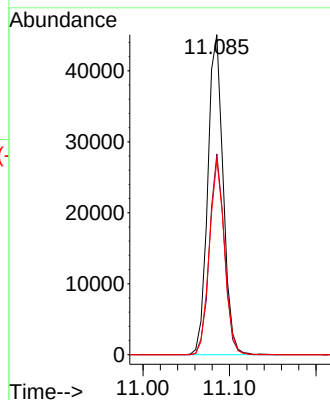
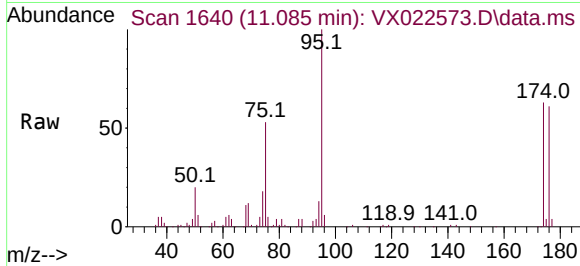




#62
4-Bromofluorobenzene
Concen: 49.051 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

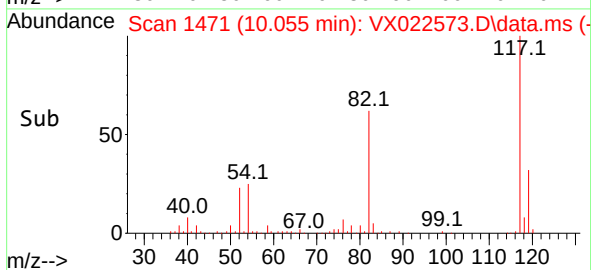
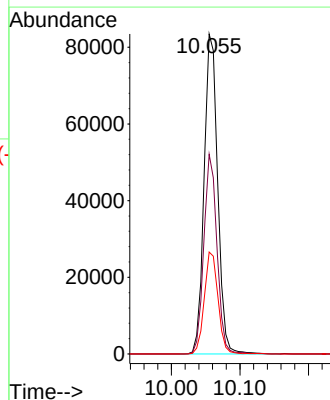
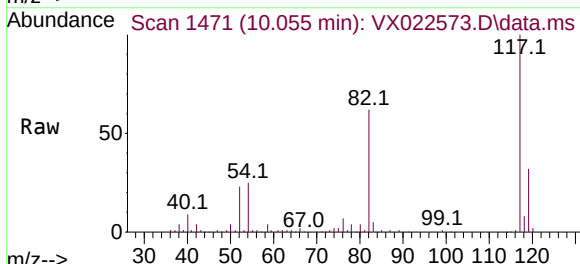
Instrument :
MSVOA_X
ClientSampleId :

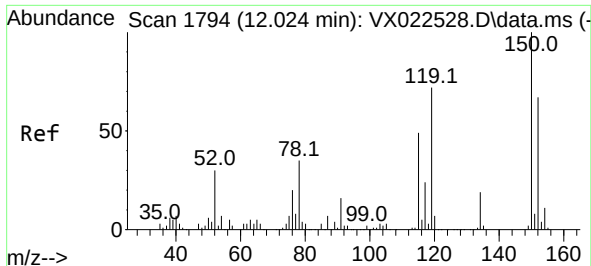
Tgt Ion: 95 Resp: 55583
Ion Ratio Lower Upper
95 100
174 60.3 0.0 154.6
176 59.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 117 Resp: 115258
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.8 26.6 39.8

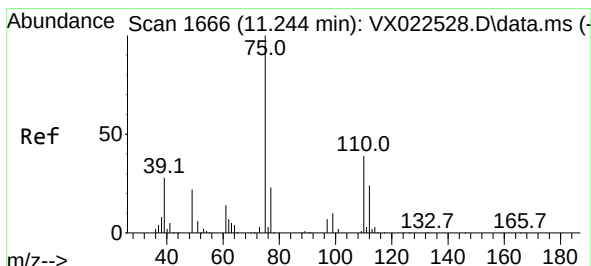
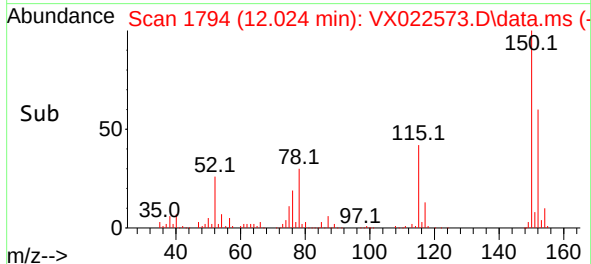
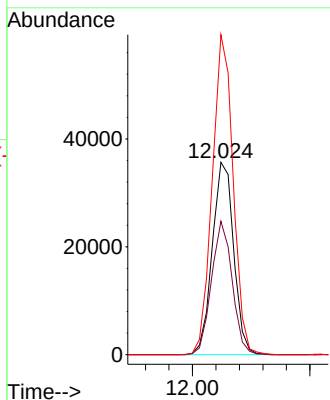
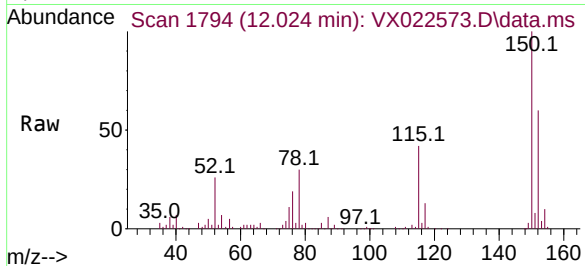




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

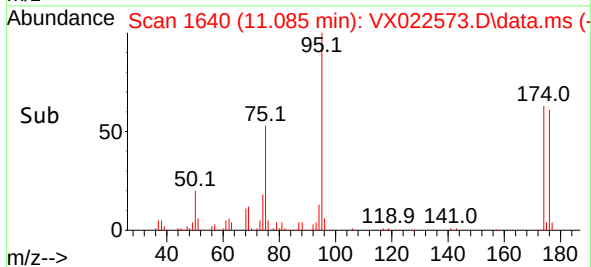
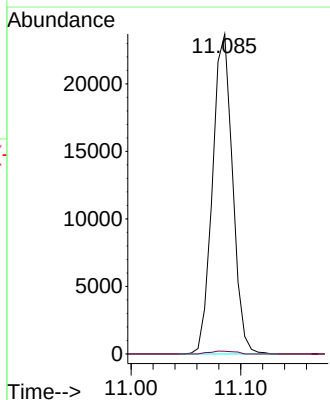
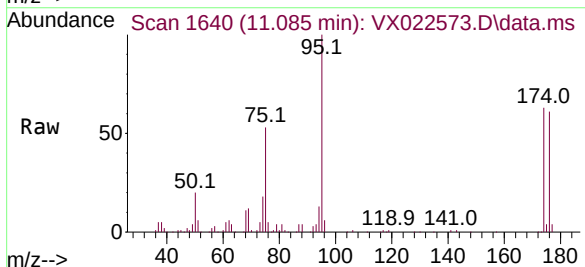
Instrument :
MSVOA_X
ClientSampled :

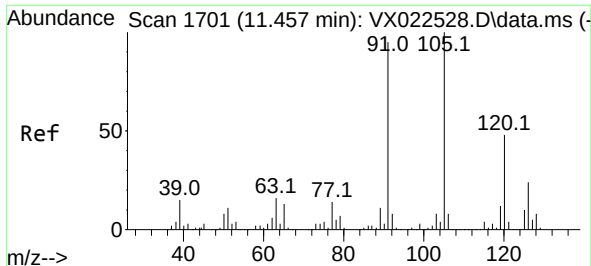
Tgt Ion:152 Resp: 45149
Ion Ratio Lower Upper
152 100
115 67.2 41.1 123.3
150 162.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.786 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 75 Resp: 30160
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

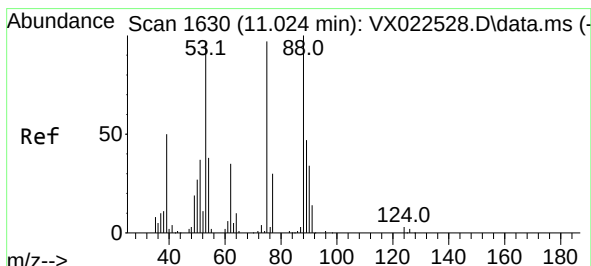
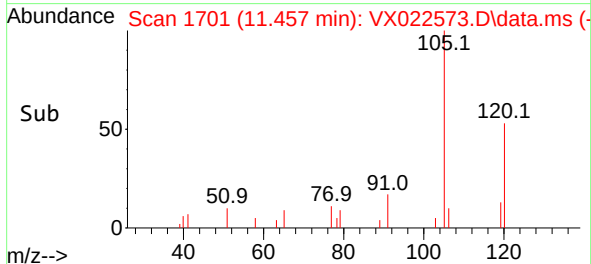
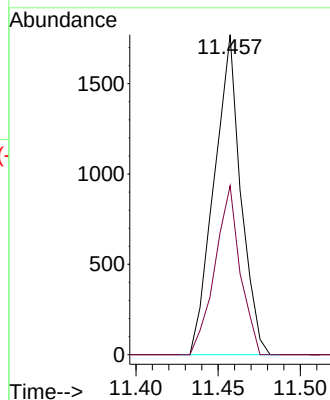
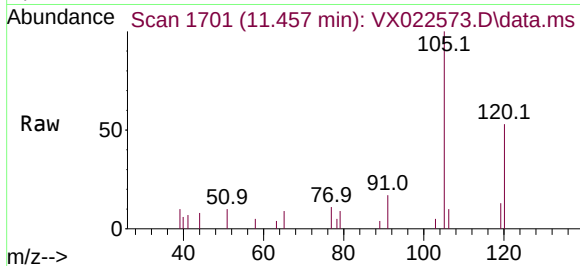




#80
1,3,5-Trimethylbenzene
Concen: 0.637 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2003
Ion Ratio Lower Upper
105 100
120 49.7 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.628 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022573.D
Acq: 08 Jun 2021 18:52

Tgt Ion: 75 Resp: 30160
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

