

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022444.D
 Acq On : 05 Jun 2021 04:00
 Operator : JC/MD
 Sample : PB136806ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

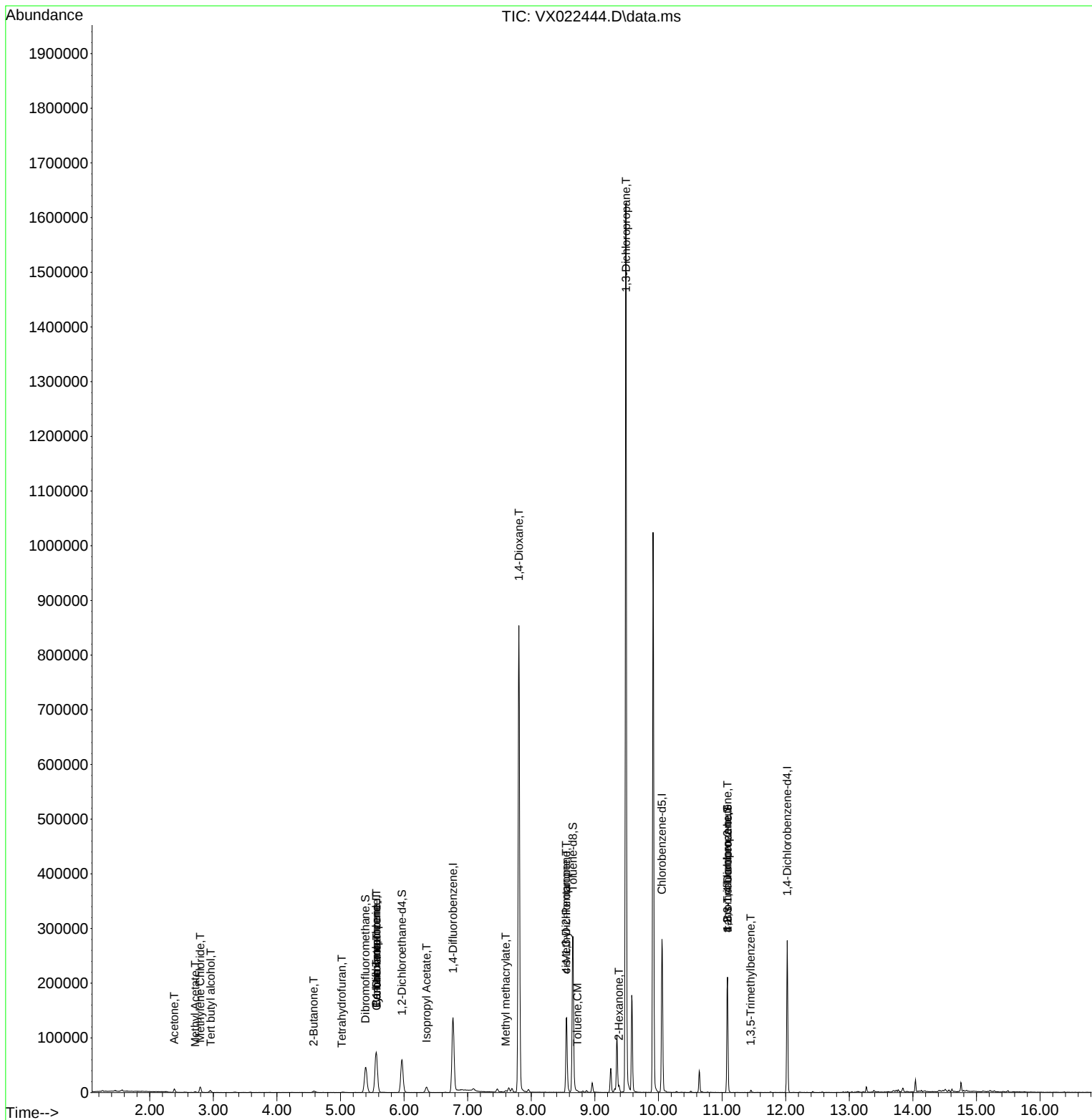
Quant Time: Jun 05 06:23:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

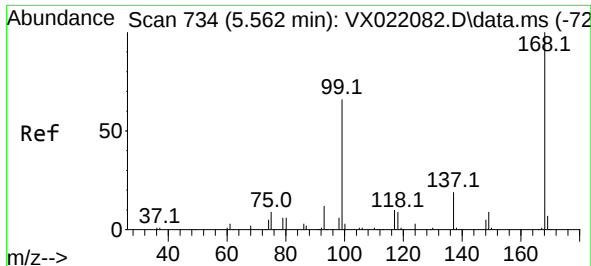
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	62959	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54161	55.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.540%
35) Dibromofluoromethane	5.391	113	39697	46.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	8.653	98	164686	50.289	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.580%
62) 4-Bromofluorobenzene	11.085	95	57898	47.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1899	8.549	ug/l	# 73
16) Acetone	2.386	43	6678	15.792	ug/l	98
18) Methyl Acetate	2.715	43	1794	1.595	ug/l	# 88
20) Methylene Chloride	2.794	84	4158	4.428	ug/l	# 86
25) 2-Butanone	4.574	43	2510	3.669	ug/l	90
29) Tetrahydrofuran	5.019	42	213	0.523	ug/l	# 27
31) Cyclohexane	5.568	56	1710	1.401	ug/l	# 15
36) 1,1-Dichloropropene	5.562	75	6308	5.089	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	7613	6.278	ug/l	# 15
43) Isopropyl Acetate	6.355	43	14126	5.683	ug/l	# 91
48) Methyl methacrylate	7.598	41	3754	3.277	ug/l	# 10
49) 1,4-Dioxane	7.806	88	44	1.973	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	49718	33.393	ug/l	# 45
52) Toluene	8.726	92	519	0.215	ug/l	86
54) cis-1,3-Dichloropropene	8.549	75	22842	13.935	ug/l	# 63
57) 1,3-Dichloropropane	9.488	76	13229	7.902	ug/l	# 42
59) 2-Hexanone	9.378	43	5693	5.084	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	30974	25.778	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	2133	0.624	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	30974	61.078	ug/l	# 12

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

Quant Time: Jun 05 06:23:09 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

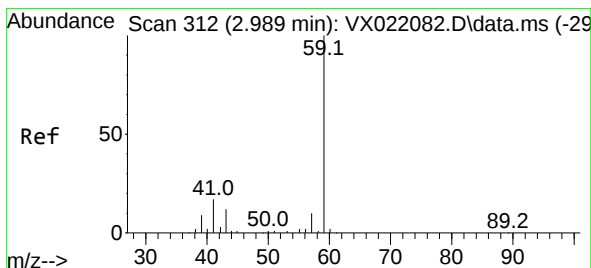
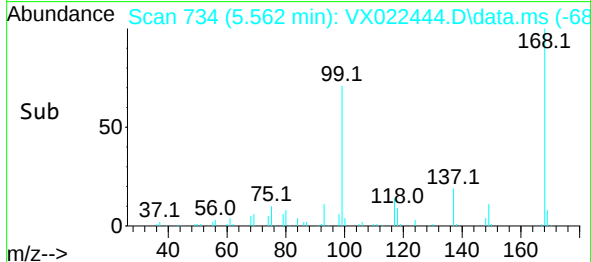
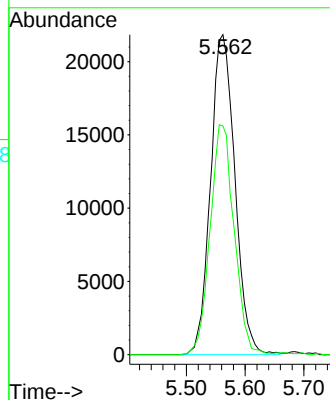
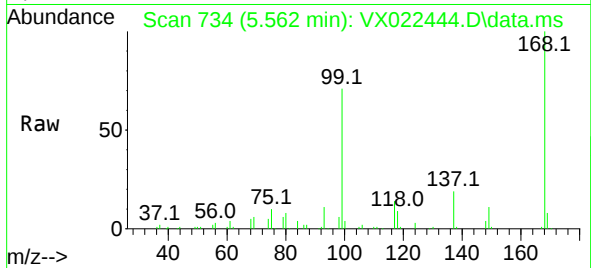




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

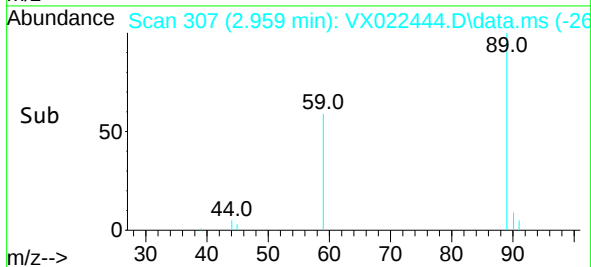
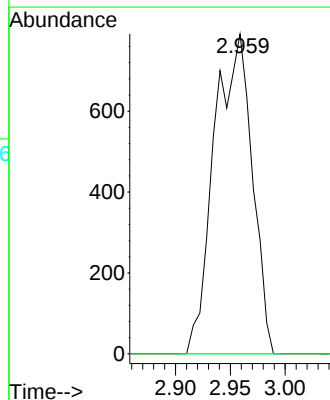
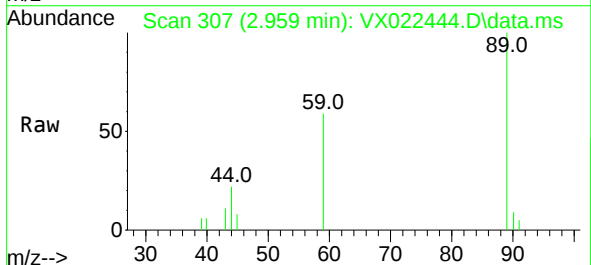
Instrument :
MSVOA_X
ClientSampled :

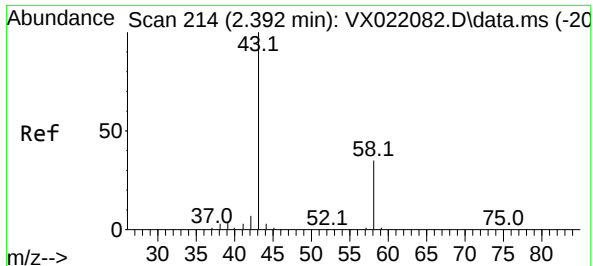
Tgt Ion:168 Resp: 62959
Ion Ratio Lower Upper
168 100
99 71.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 8.549 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 59 Resp: 1899
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

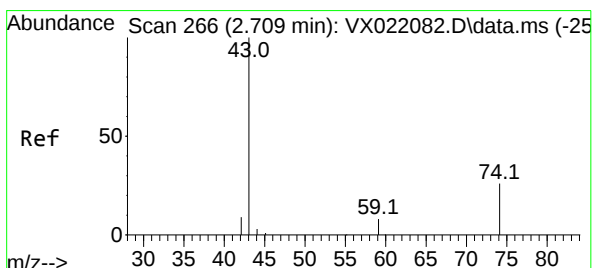
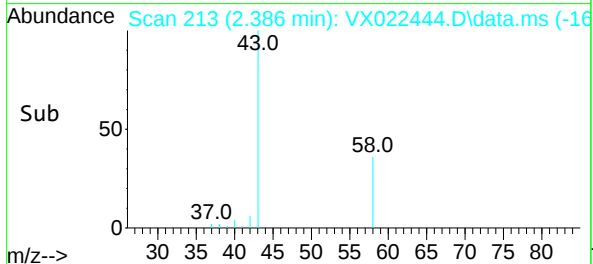
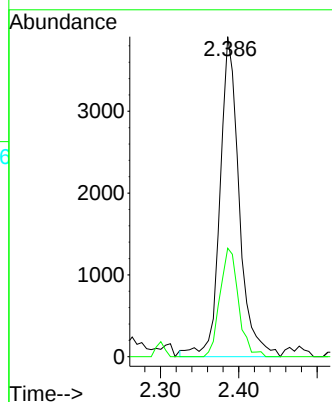
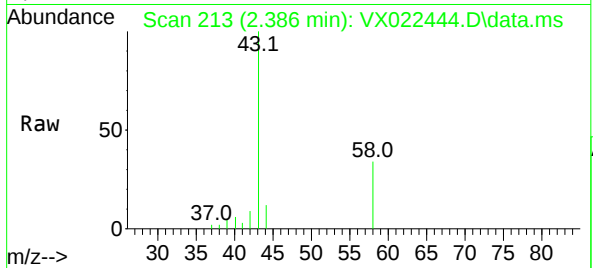




#16
Acetone
Concen: 15.792 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

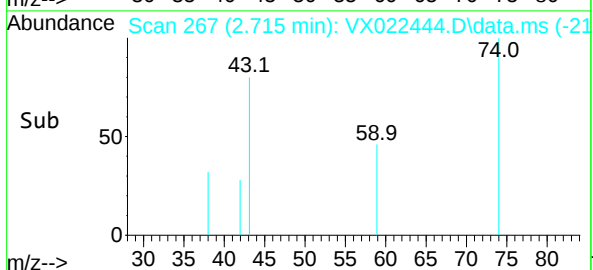
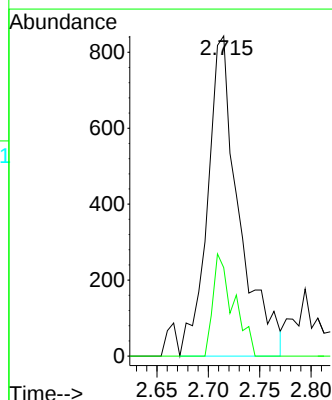
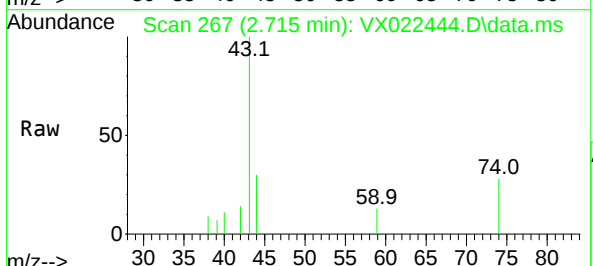
Instrument :
MSVOA_X
ClientSampled :

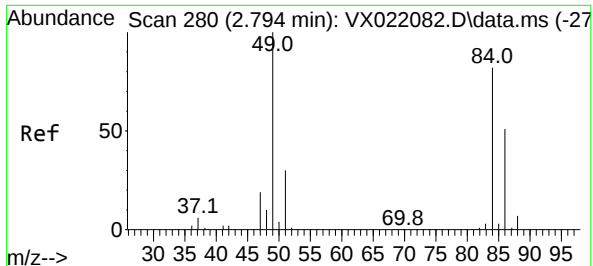
Tgt Ion: 43 Resp: 6678
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#18
Methyl Acetate
Concen: 1.595 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
74 21.0 21.9 32.9#



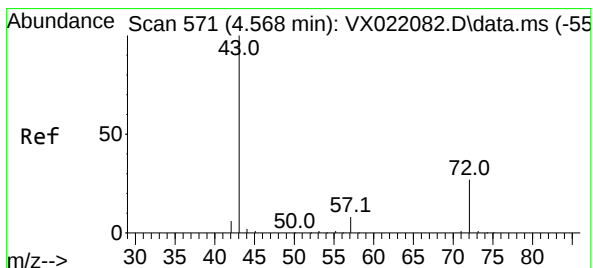
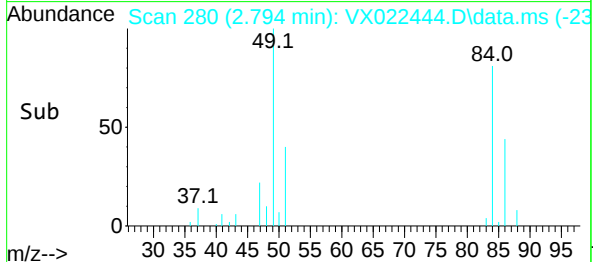
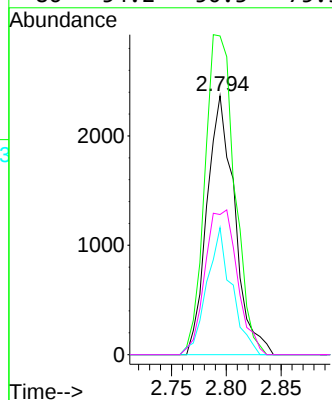
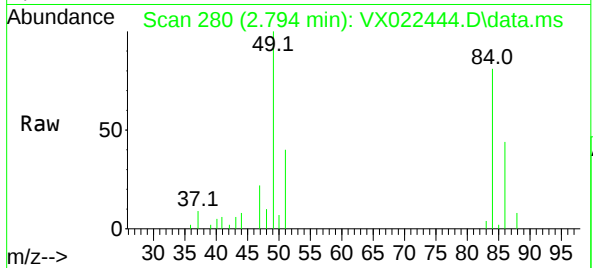


#20
Methylene Chloride
Concen: 4.428 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 4158

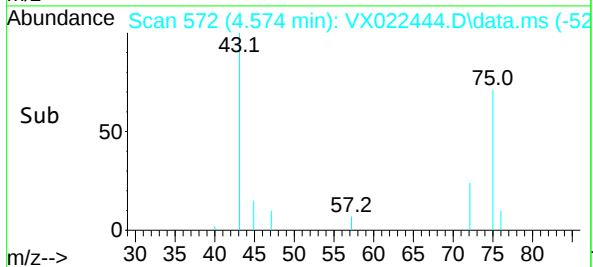
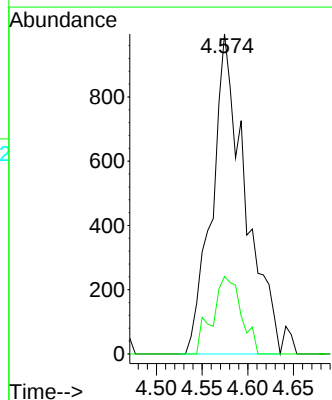
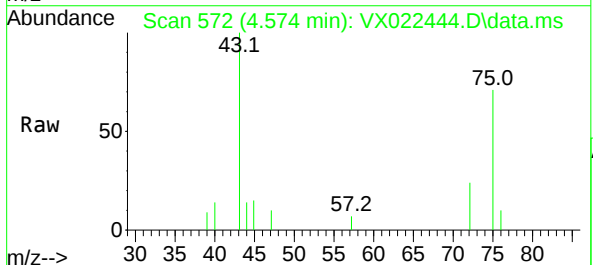
Ion	Ratio	Lower	Upper
84	100		
49	123.2	88.6	132.8
51	49.0	27.0	40.6#
86	54.2	50.3	75.5

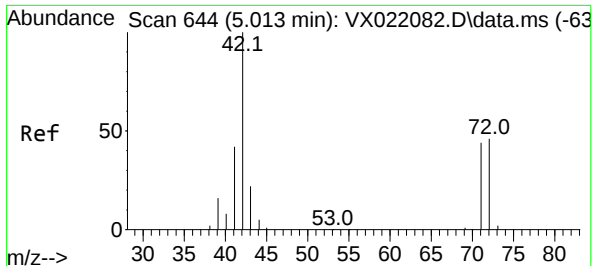


#25
2-Butanone
Concen: 3.669 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 43 Resp: 2510

Ion	Ratio	Lower	Upper
43	100		
72	24.2	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.523 ug/l

RT: 5.019 min Scan# 645

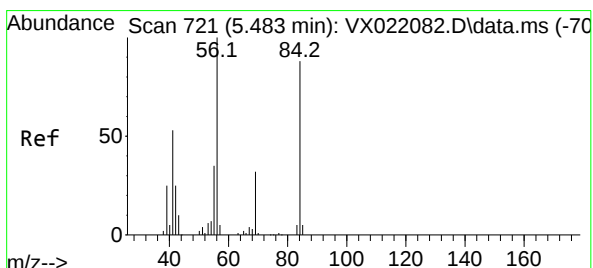
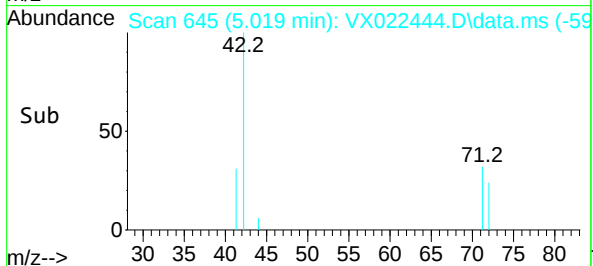
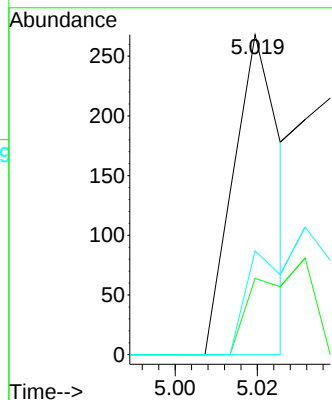
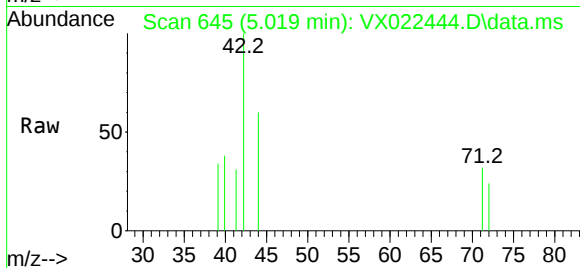
Delta R.T. 0.006 min

Lab File: VX022444.D

Acq: 05 Jun 2021 04:00

Tgt Ion:	42	Resp:	213
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: 1.401 ug/l

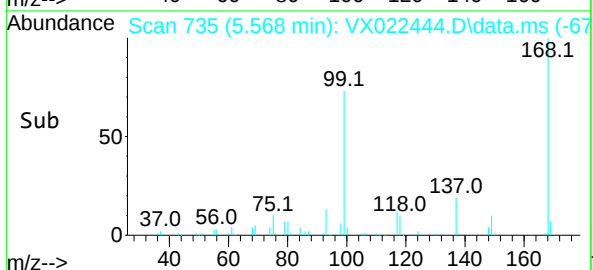
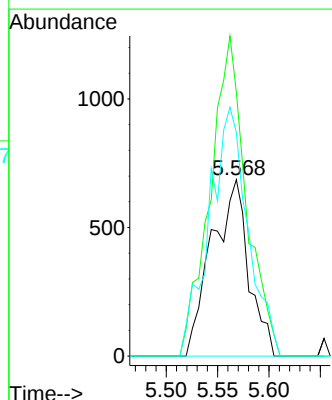
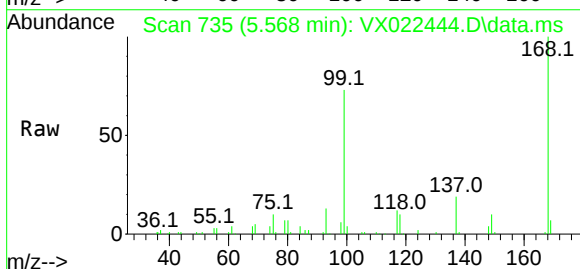
RT: 5.568 min Scan# 735

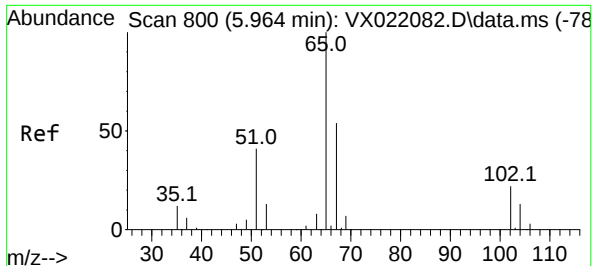
Delta R.T. 0.085 min

Lab File: VX022444.D

Acq: 05 Jun 2021 04:00

Tgt Ion:	56	Resp:	1710
Ion	Ratio	Lower	Upper
56	100		
69	149.6	25.3	37.9#
84	126.7	71.4	107.0#



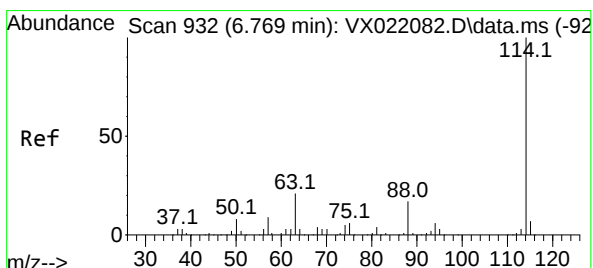
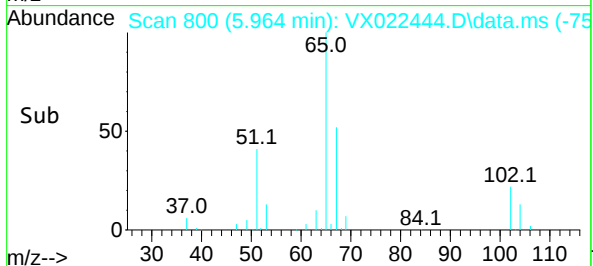
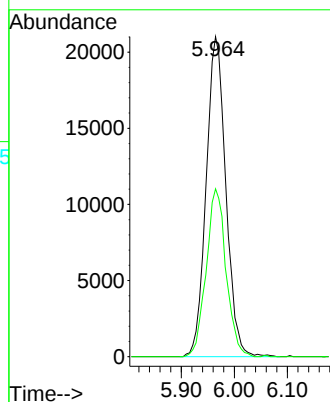
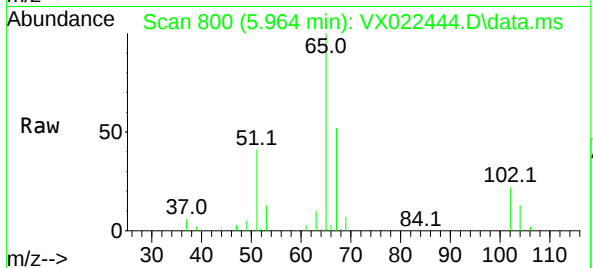


#33

1,2-Dichloroethane-d4
Concen: 55.768 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Instrument :
MSVOA_X
ClientSampled :

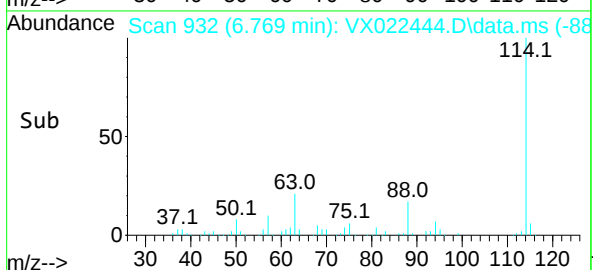
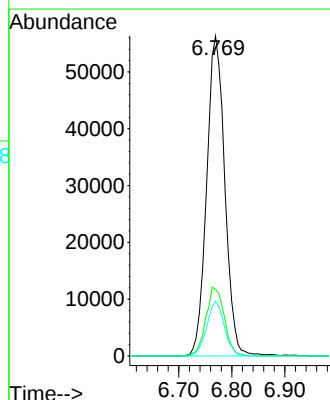
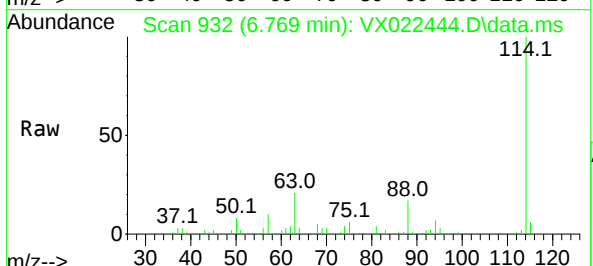
Tgt Ion: 65 Resp: 54161
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 114 Resp: 134058
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.695 ug/l

RT: 5.391 min Scan# 706

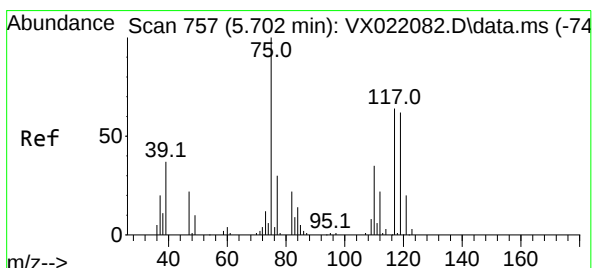
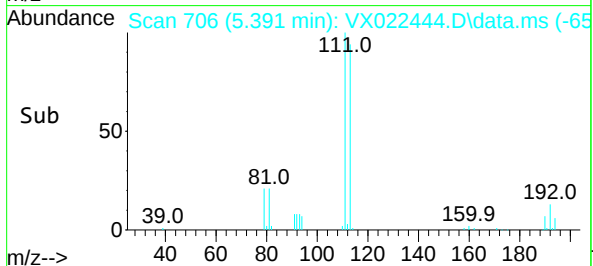
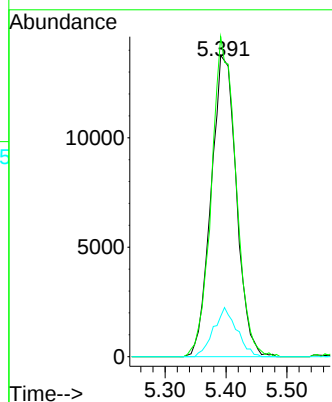
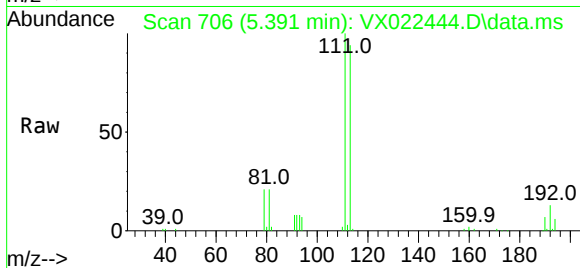
Delta R.T. 0.000 min

Lab File: VX022444.D

Acq: 05 Jun 2021 04:00

Tgt Ion:	113	Resp:	39697
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	14.9	16.7	25.1#

Instrument :
MSVOA_X
ClientSampled :



#36

1,1-Dichloropropene

Concen: 5.089 ug/l

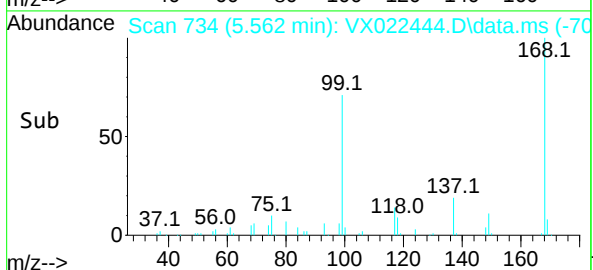
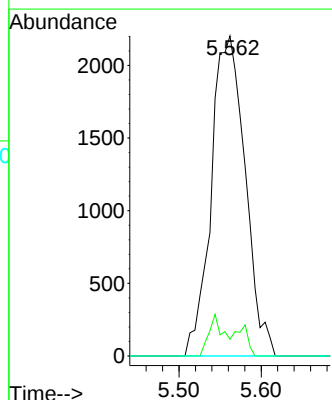
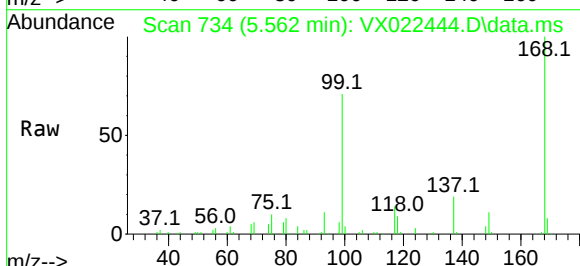
RT: 5.562 min Scan# 734

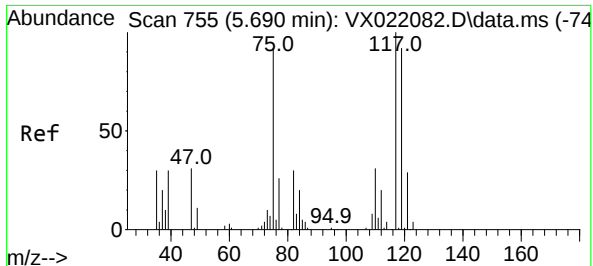
Delta R.T. -0.140 min

Lab File: VX022444.D

Acq: 05 Jun 2021 04:00

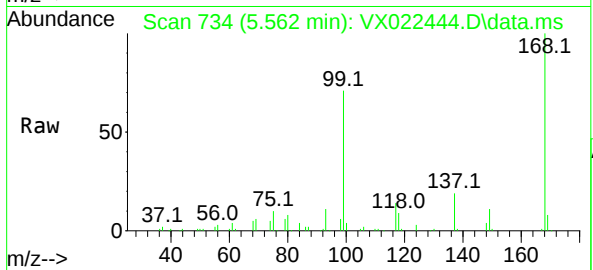
Tgt Ion:	75	Resp:	6308
Ion	Ratio	Lower	Upper
75	100		
110	5.7	18.1	54.4#
77	0.0	25.3	37.9#



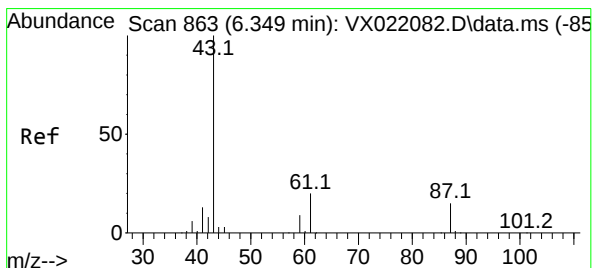
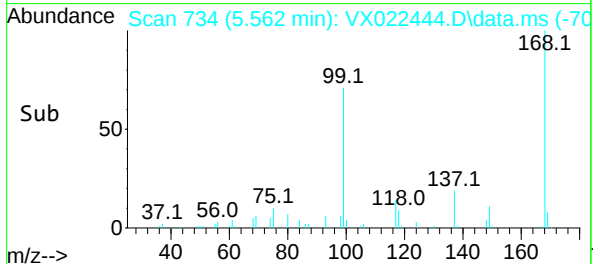
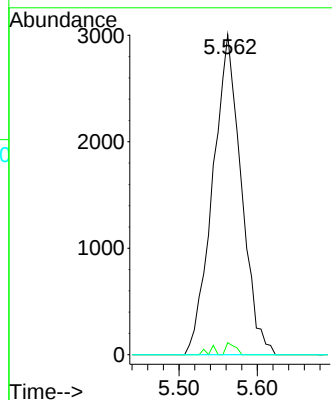


#38
Carbon Tetrachloride
Concen: 6.278 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Instrument :
MSVOA_X
ClientSampled :

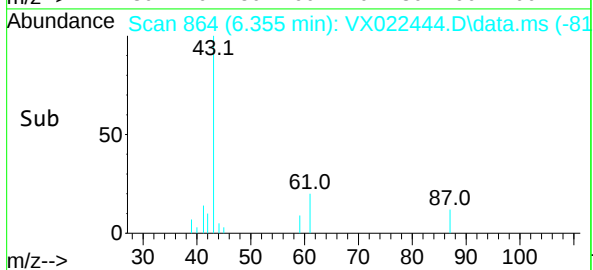
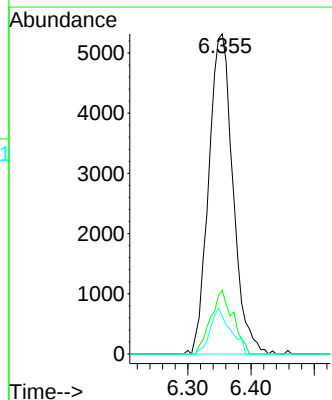
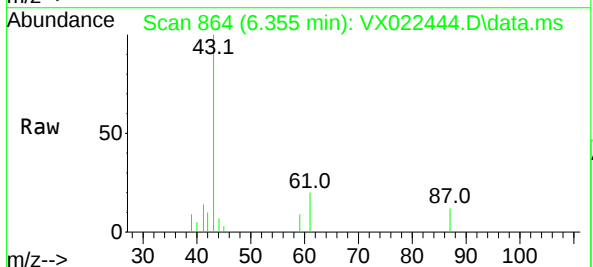


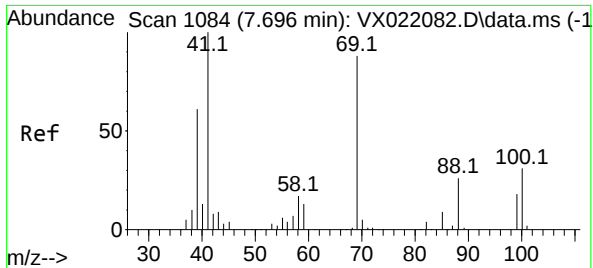
Tgt Ion:117 Resp: 7613
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 5.683 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 43 Resp: 14126
Ion Ratio Lower Upper
43 100
61 18.4 18.2 27.4
87 11.9 12.5 18.7#



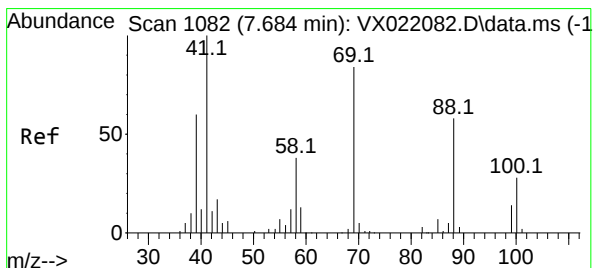
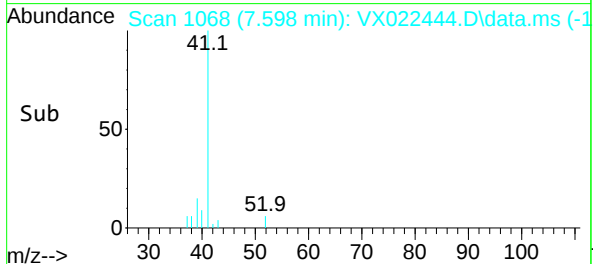
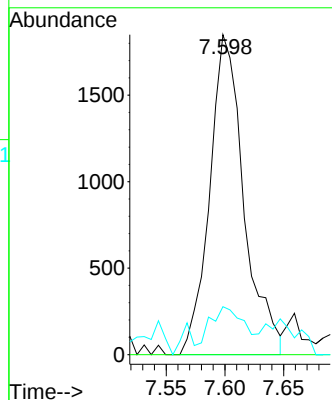
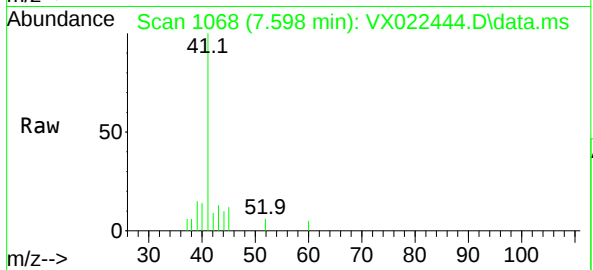


#48

Methyl methacrylate
Concen: 3.277 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Instrument :
MSVOA_X
ClientSampled :

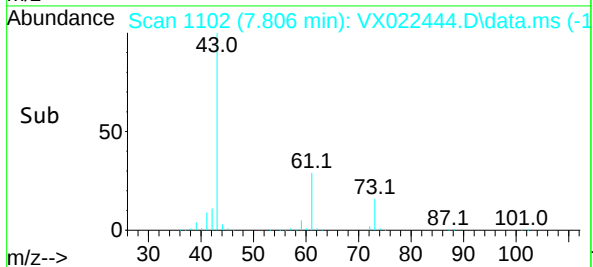
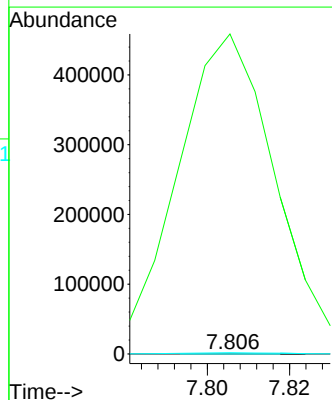
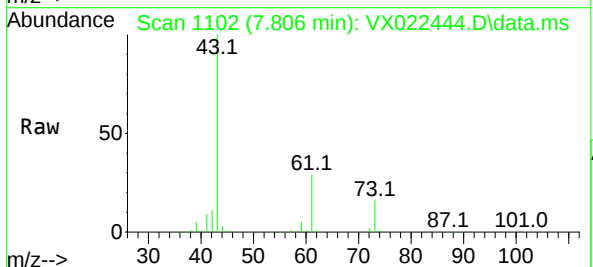
Tgt Ion: 41 Resp: 3754
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

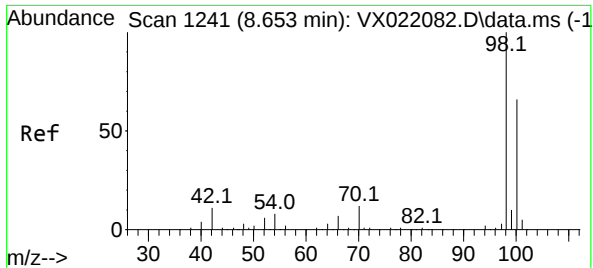


#49

1,4-Dioxane
Concen: 1.973 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.122 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 1769838.6 23.2 34.8#
58 6845.5 55.0 82.4#

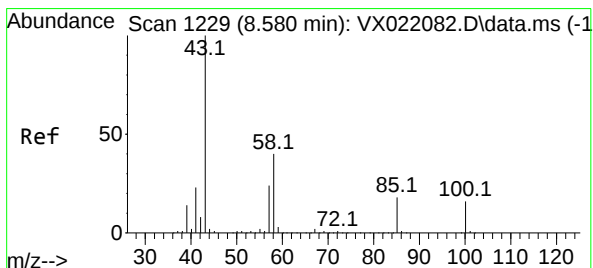
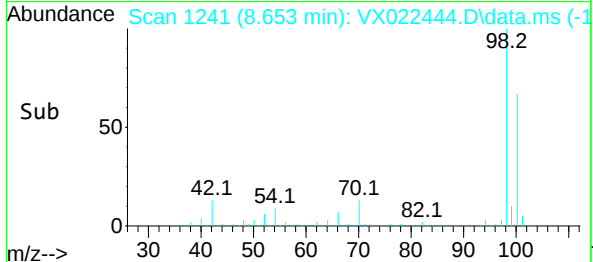
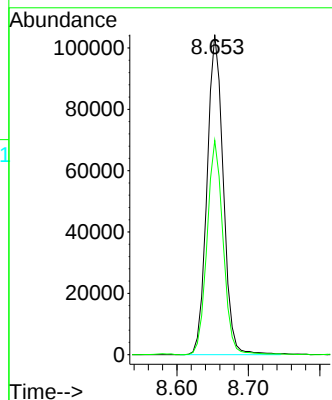
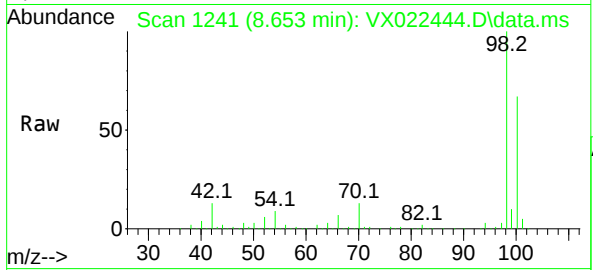




#50
Toluene-d8
Concen: 50.289 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

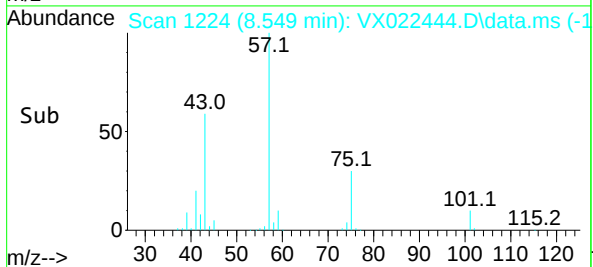
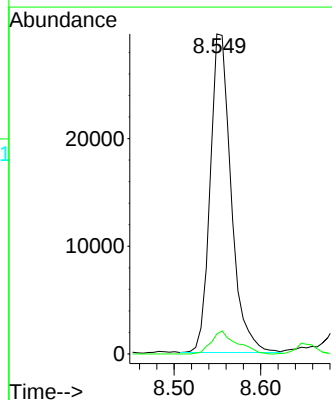
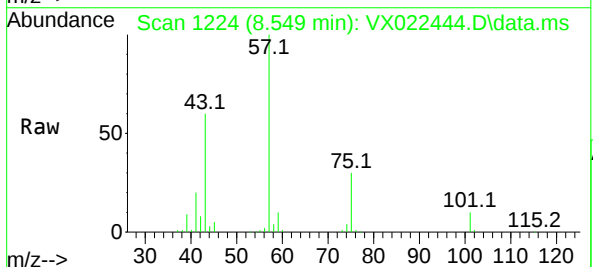
Instrument :
MSVOA_X
ClientSampled :

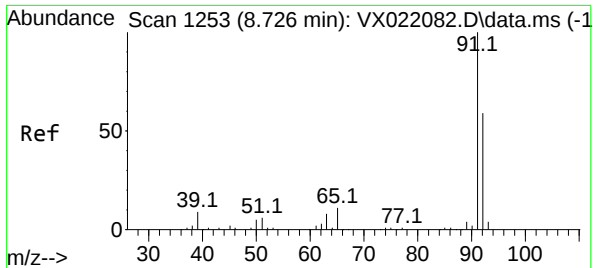
Tgt Ion: 98 Resp: 164686
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 33.393 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 43 Resp: 49718
Ion Ratio Lower Upper
43 100
58 8.7 35.4 53.0#

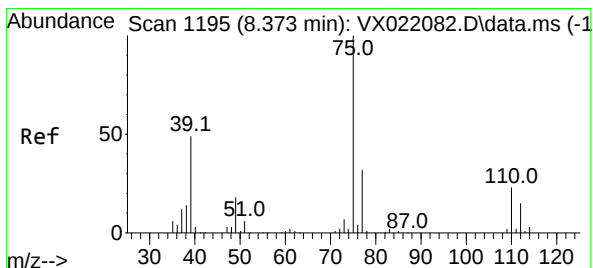
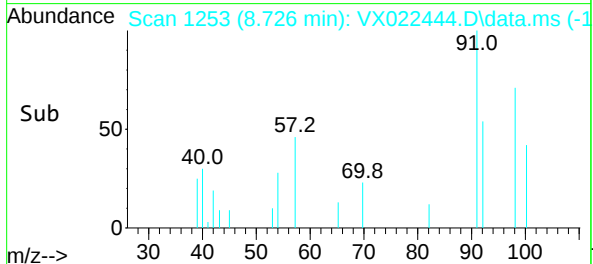
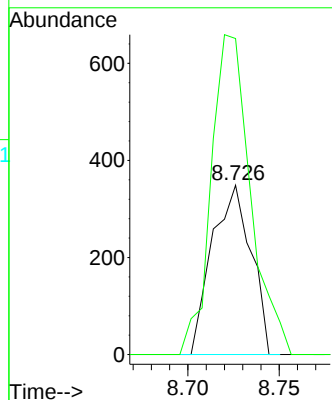
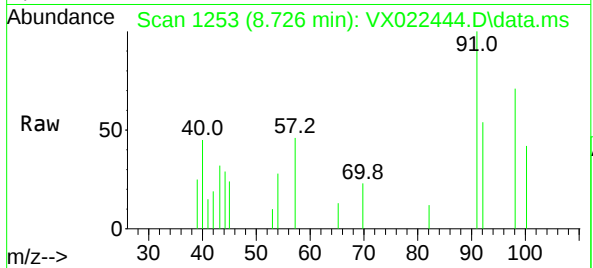




#52
Toluene
Concen: 0.215 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

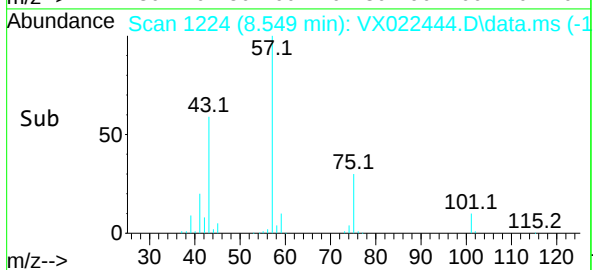
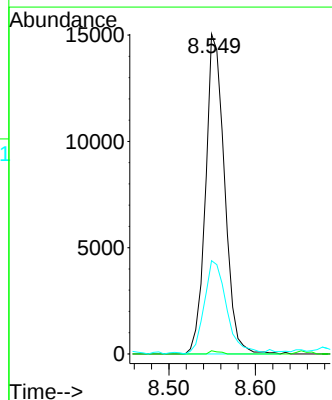
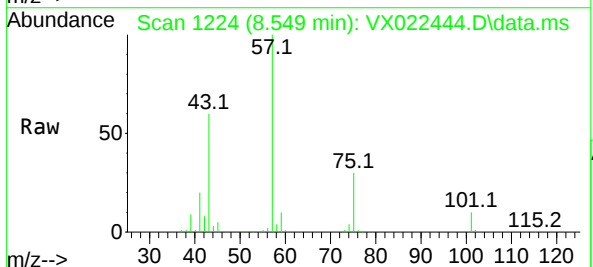
Instrument :
MSVOA_X
ClientSampled :

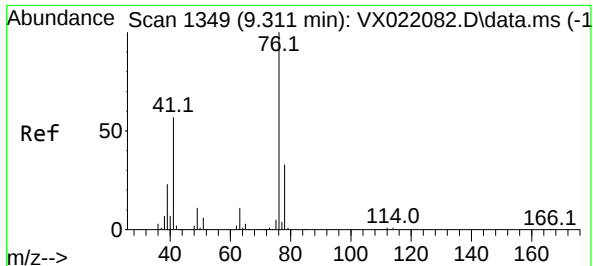
Tgt Ion: 92 Resp: 519
Ion Ratio Lower Upper
92 100
91 190.6 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 13.935 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.176 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 75 Resp: 22842
Ion Ratio Lower Upper
75 100
77 1.0 25.7 38.5#
39 28.8 35.1 52.7#



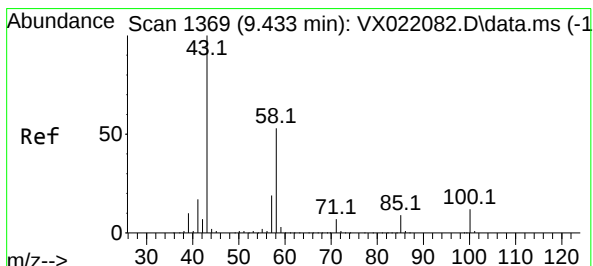
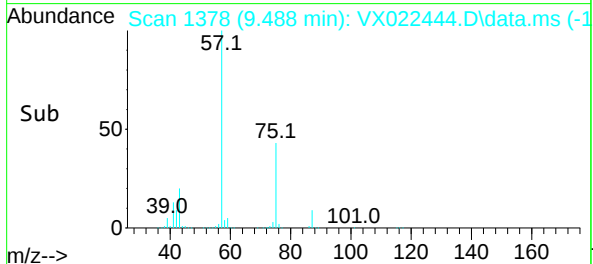
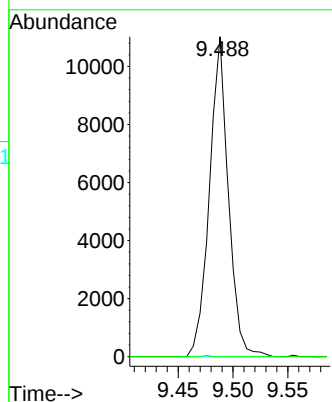
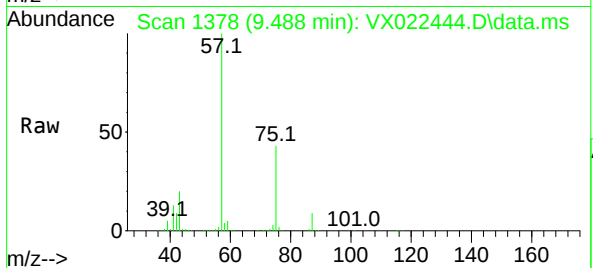


#57

1,3-Dichloropropane
Concen: 7.902 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Instrument :
MSVOA_X
ClientSampled :

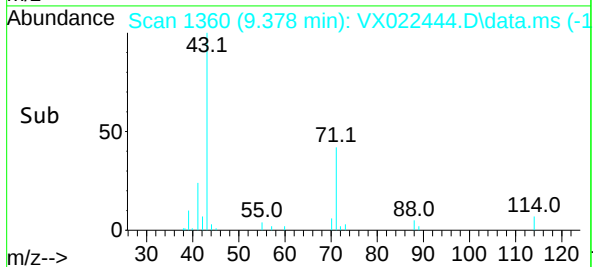
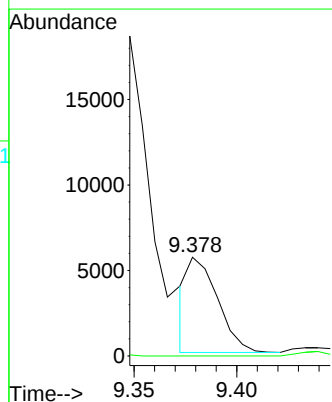
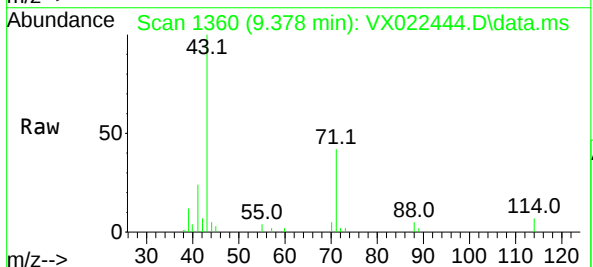
Tgt Ion: 76 Resp: 13229
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

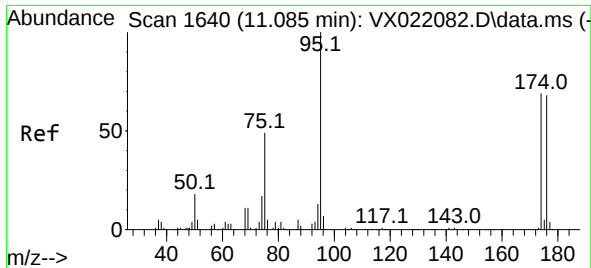


#59

2-Hexanone
Concen: 5.084 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 43 Resp: 5693
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

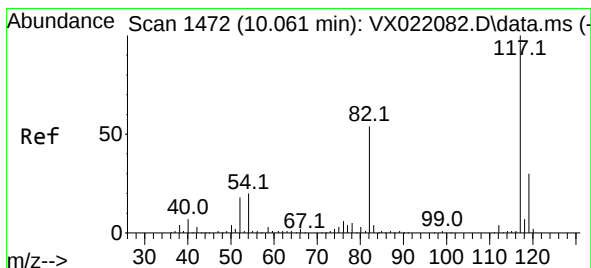
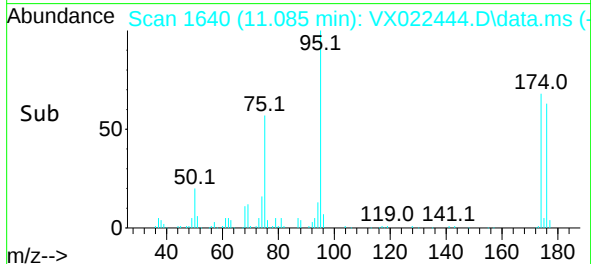
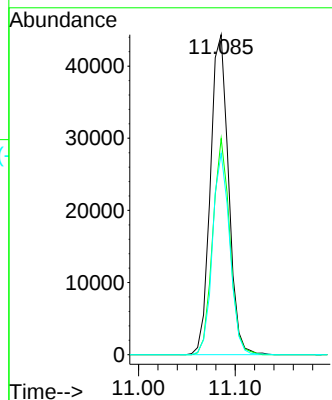
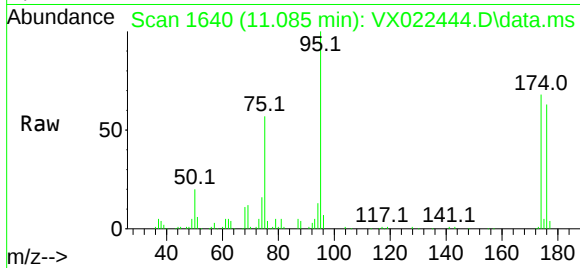




#62
4-Bromofluorobenzene
Concen: 47.833 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

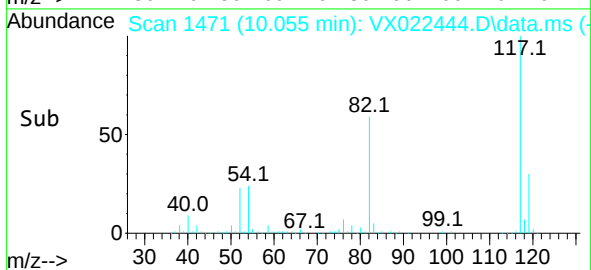
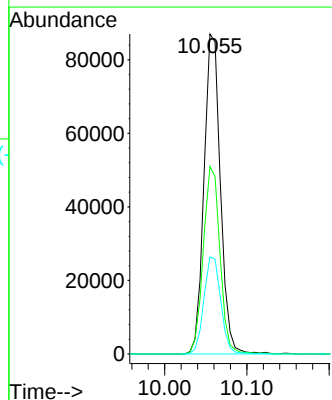
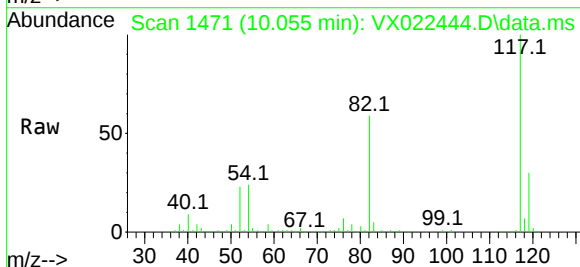
Instrument :
MSVOA_X
ClientSampled :

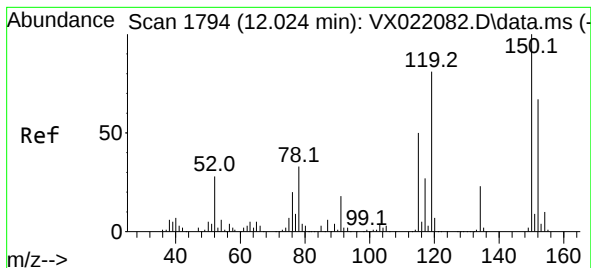
Tgt Ion: 95 Resp: 57898
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 60.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 117 Resp: 120718
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 30.3 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: VX022444.D

Acq: 05 Jun 2021 04:00

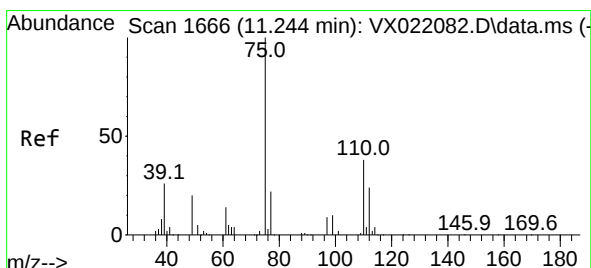
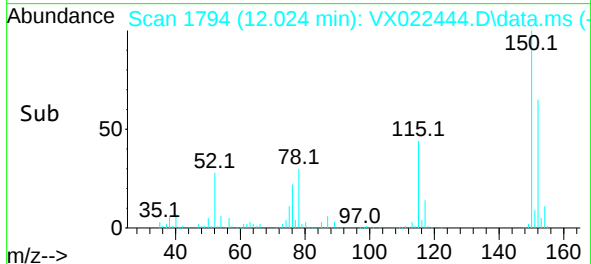
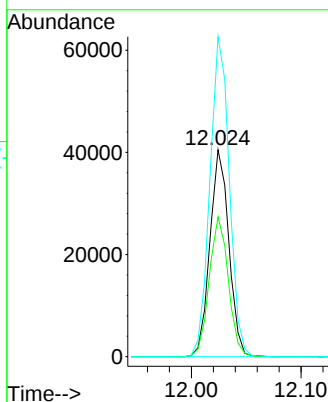
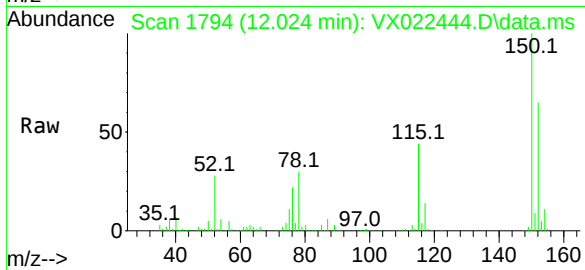
Tgt Ion:152 Resp: 48705

Ion Ratio Lower Upper

152 100

115 67.8 41.1 123.3

150 158.5 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 25.778 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022444.D

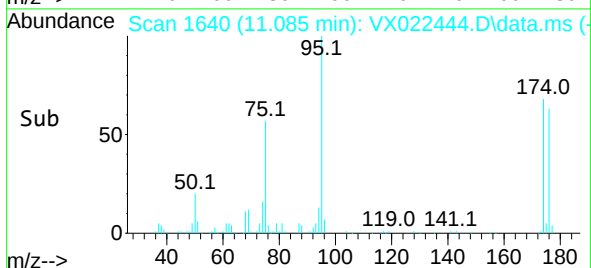
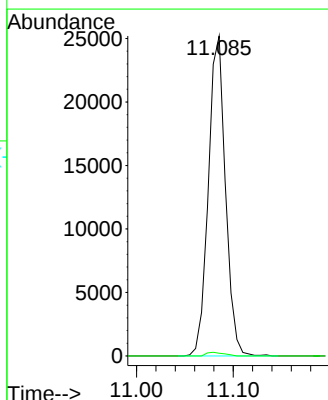
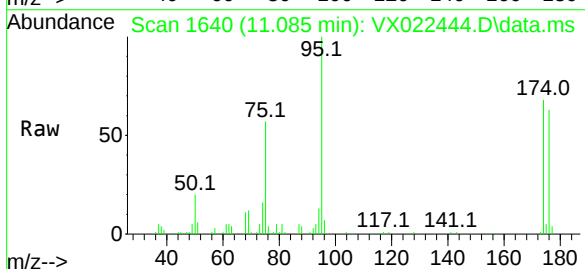
Acq: 05 Jun 2021 04:00

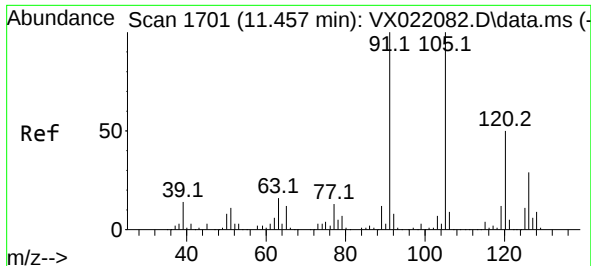
Tgt Ion: 75 Resp: 30974

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

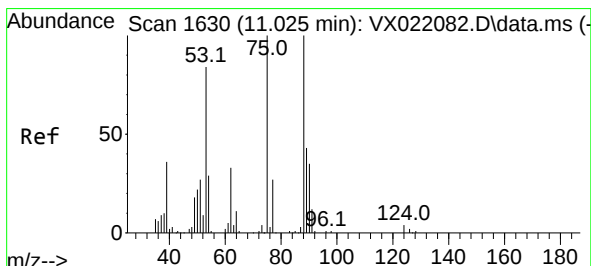
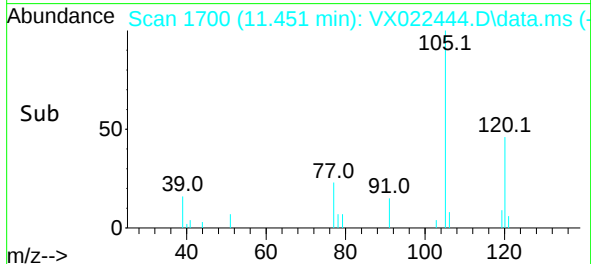
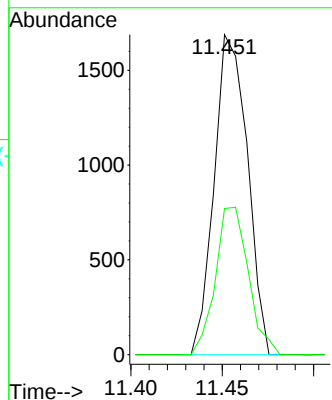
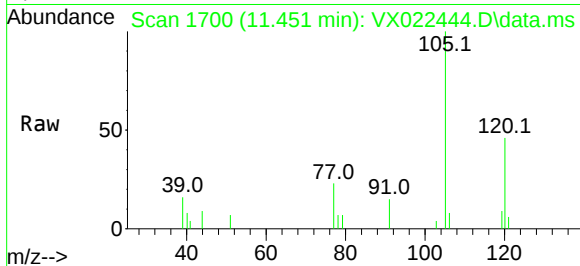




#80
1,3,5-Trimethylbenzene
Concen: 0.624 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2133
Ion Ratio Lower Upper
105 100
120 45.8 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 61.078 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022444.D
Acq: 05 Jun 2021 04:00

Tgt Ion: 75 Resp: 30974
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

