

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022441.D
 Acq On : 05 Jun 2021 02:49
 Operator : JC/MD
 Sample : PB136806ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 06:22:13 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)

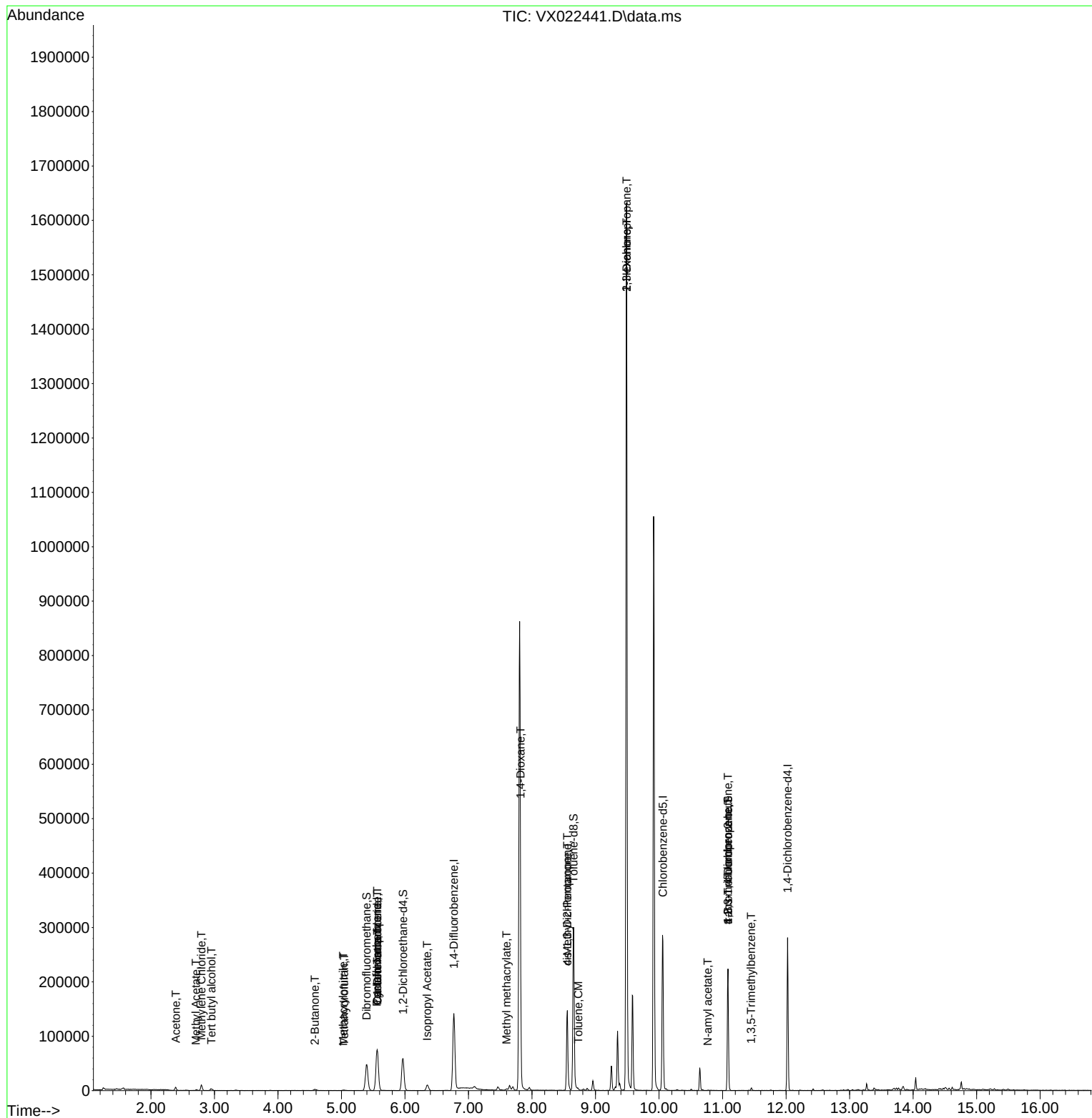
Internal Standards						
1) Pentafluorobenzene	5.556	168	64452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	125984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	55039	55.359	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.720%
35) Dibromofluoromethane	5.397	113	40842	47.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	8.653	98	170752	51.140	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.280%
62) 4-Bromofluorobenzene	11.085	95	60332	48.887	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2014	8.857	ug/l #	73
16) Acetone	2.392	43	6154	14.215	ug/l	94
18) Methyl Acetate	2.709	43	1851	1.608	ug/l #	86
20) Methylene Chloride	2.794	84	4318	4.492	ug/l #	93
25) 2-Butanone	4.580	43	2159	3.083	ug/l #	80
29) Tetrahydrofuran	5.044	42	936	2.245	ug/l #	34
31) Cyclohexane	5.562	56	1892	1.514	ug/l #	3
36) 1,1-Dichloropropene	5.562	75	6334	5.012	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7897	6.387	ug/l #	15
41) Methacrylonitrile	5.025	41	604	0.729	ug/l #	28
43) Isopropyl Acetate	6.348	43	14256	5.625	ug/l	94
48) Methyl methacrylate	7.598	41	4281	3.666	ug/l #	10
49) 1,4-Dioxane	7.818	88	37	1.627	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	50418	33.213	ug/l #	45
52) Toluene	8.726	92	829	0.337	ug/l	90
54) cis-1,3-Dichloropropene	8.555	75	23611	14.127	ug/l #	61
57) 1,3-Dichloropropane	9.488	76	13480	7.897	ug/l #	42
59) 2-Hexanone	9.488	43	190509	166.863	ug/l #	44
74) N-amyl acetate	10.768	43	621	0.313	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	32339	26.581	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	2256	0.652	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	32339	62.980	ug/l #	12

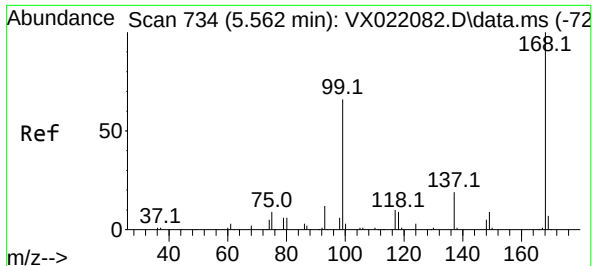
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 05 06:22:13 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

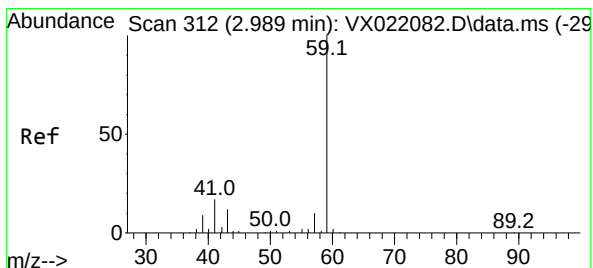
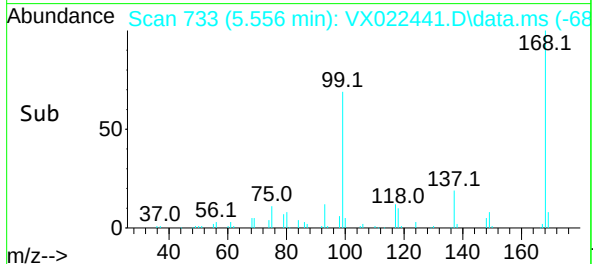
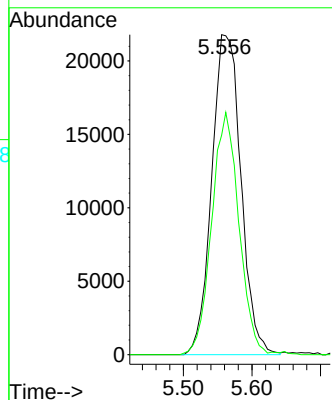
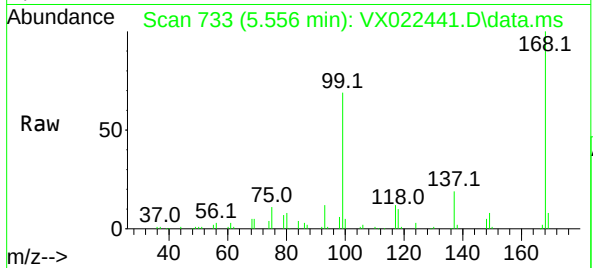




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

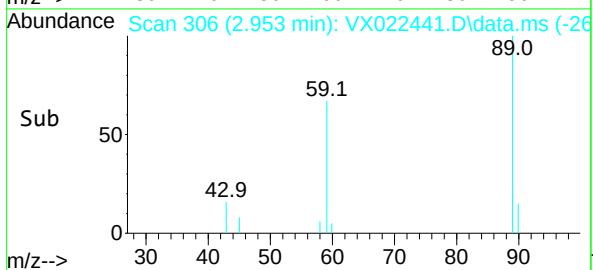
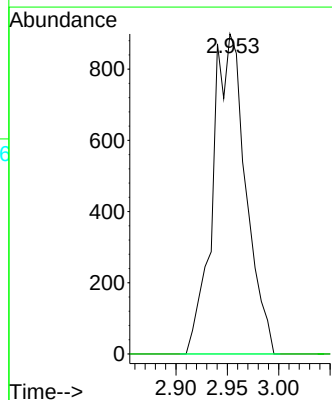
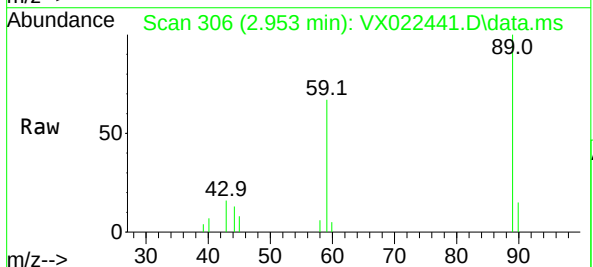
Instrument :
MSVOA_X
ClientSampleId :

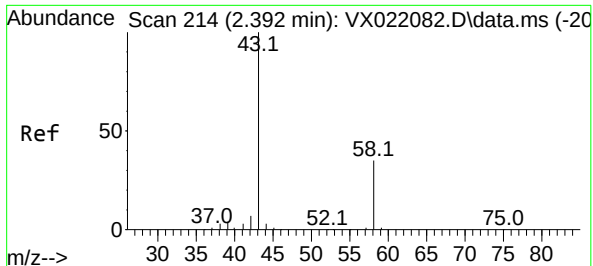
Tgt Ion:168 Resp: 64452
Ion Ratio Lower Upper
168 100
99 68.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 8.857 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 59 Resp: 2014
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

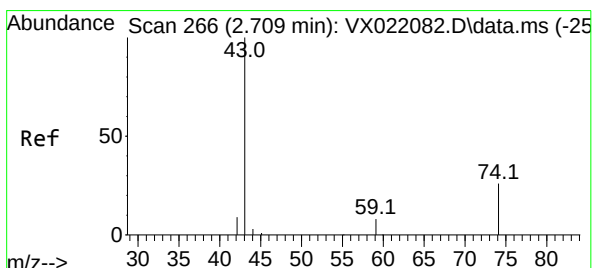
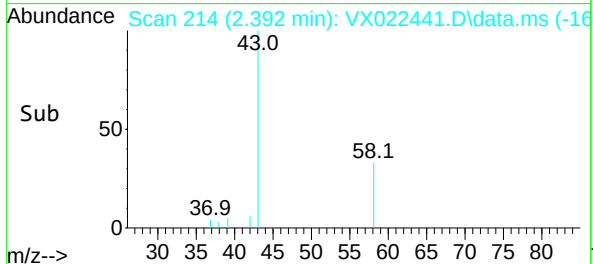
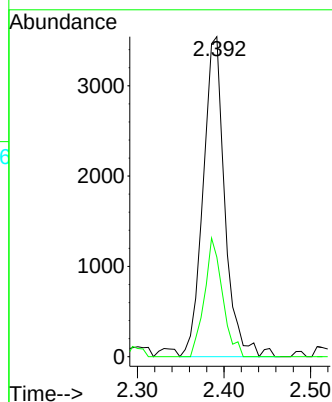
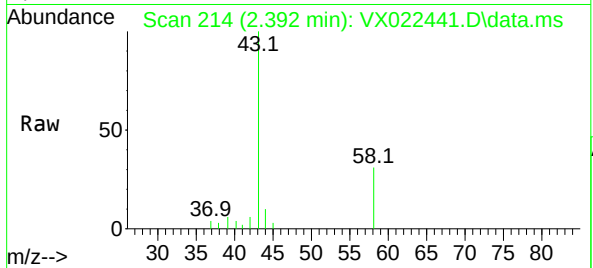




#16
Acetone
Concen: 14.215 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

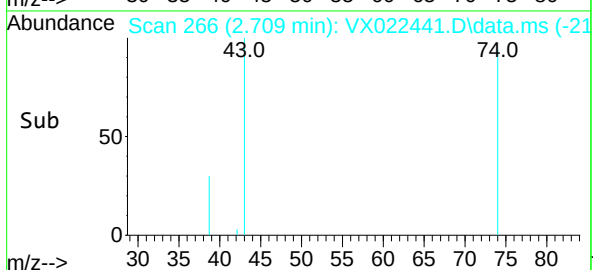
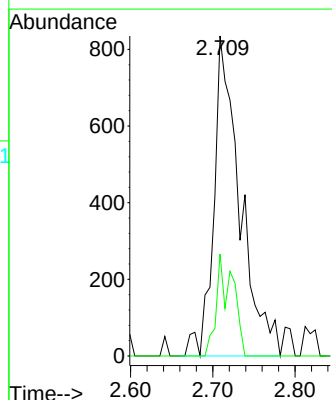
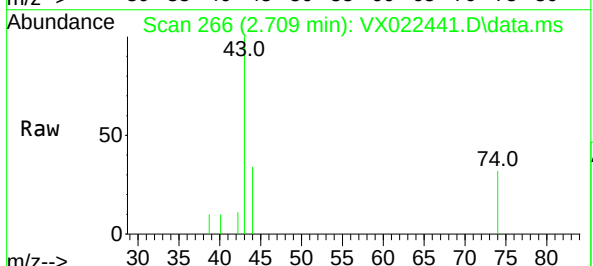
Instrument :
MSVOA_X
ClientSampleId :

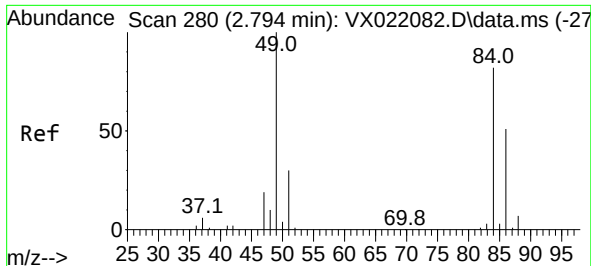
Tgt Ion: 43 Resp: 6154
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8



#18
Methyl Acetate
Concen: 1.608 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
74 19.9 21.9 32.9#

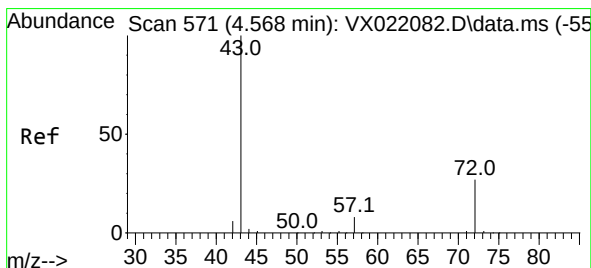
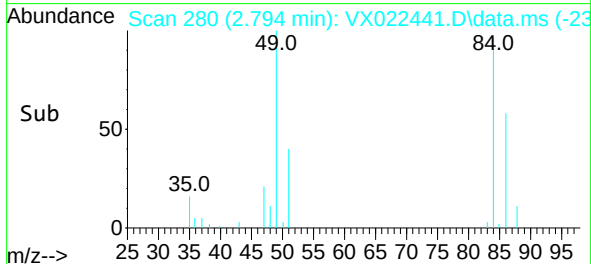
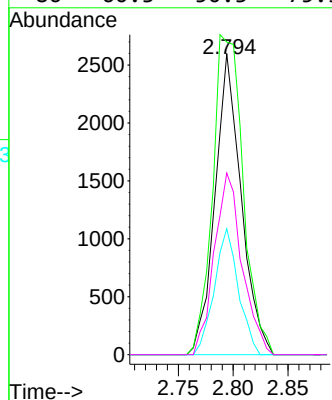
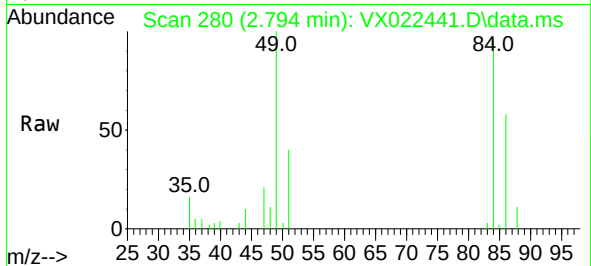




#20
Methylene Chloride
Concen: 4.492 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

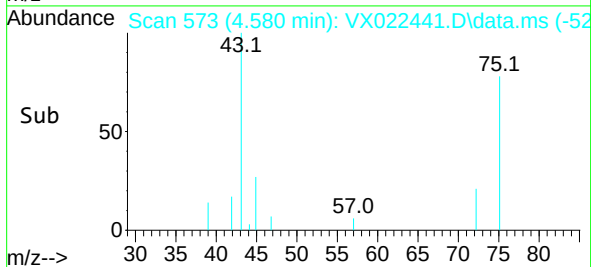
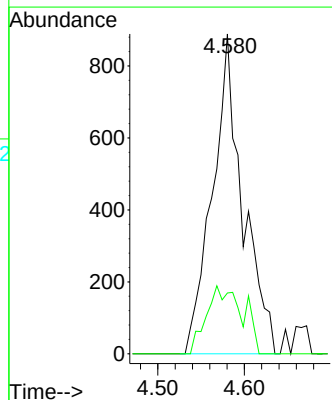
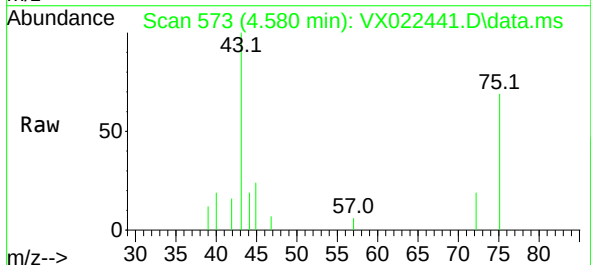
Instrument :
MSVOA_X
ClientSampleId :

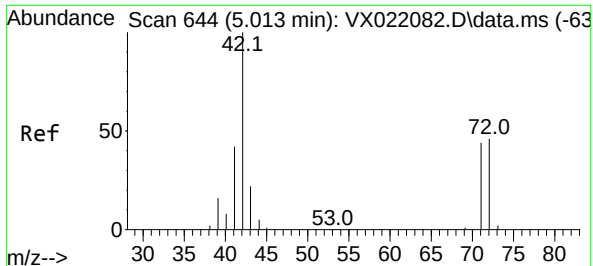
Tgt Ion: 84	Resp: 4318
Ion Ratio	Lower Upper
84 100	
49 103.8	88.6 132.8
51 41.8	27.0 40.6#
86 60.3	50.3 75.5



#25
2-Butanone
Concen: 3.083 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 43	Resp: 2159
Ion Ratio	Lower Upper
43 100	
72 19.0	23.7 35.5#





#29

Tetrahydrofuran

Concen: 2.245 ug/l

RT: 5.044 min Scan# 649

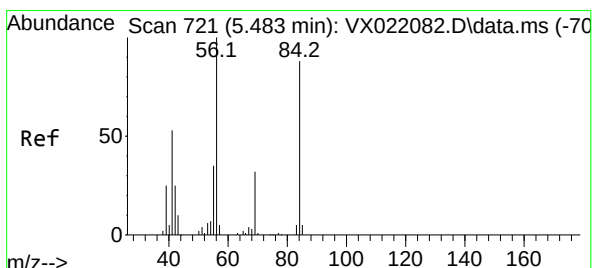
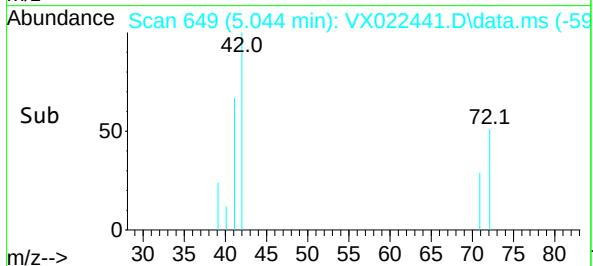
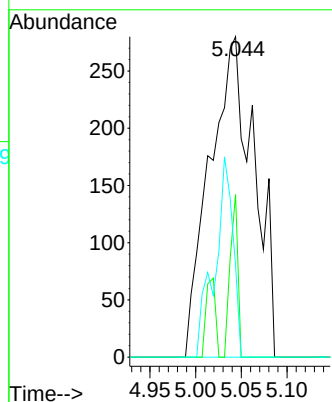
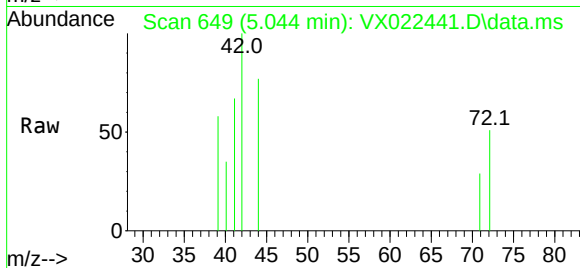
Delta R.T. 0.031 min

Lab File: VX022441.D

Acq: 05 Jun 2021 02:49

Tgt Ion:	42	Resp:	936
Ion	Ratio	Lower	Upper
42	100		
72	8.9	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.514 ug/l

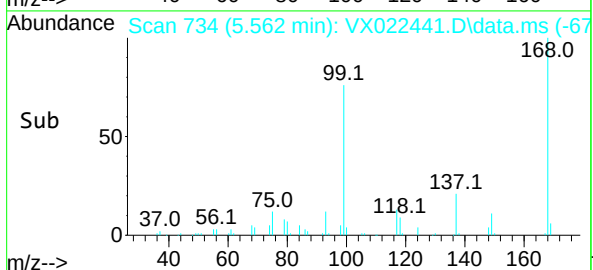
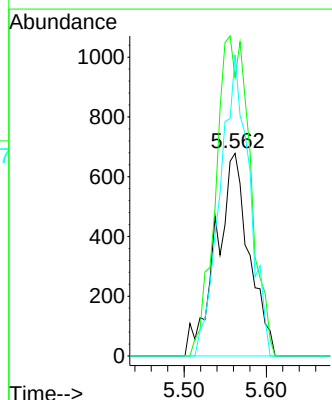
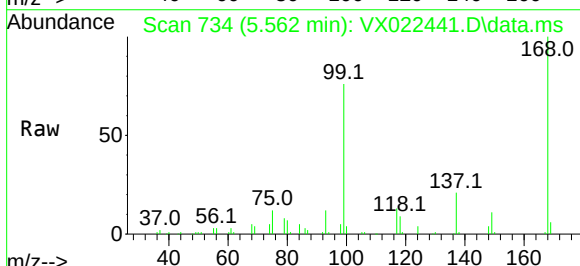
RT: 5.562 min Scan# 734

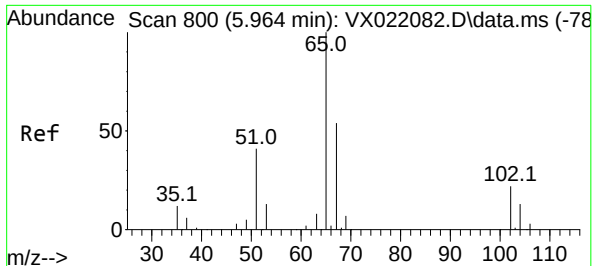
Delta R.T. 0.079 min

Lab File: VX022441.D

Acq: 05 Jun 2021 02:49

Tgt Ion:	56	Resp:	1892
Ion	Ratio	Lower	Upper
56	100		
69	137.5	25.3	37.9#
84	148.7	71.4	107.0#



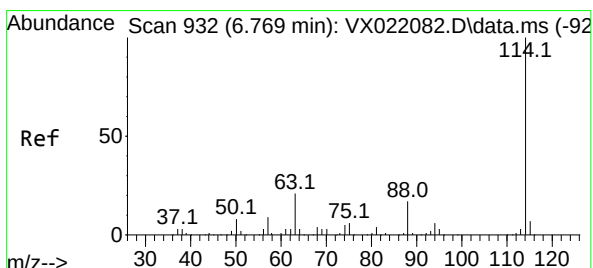
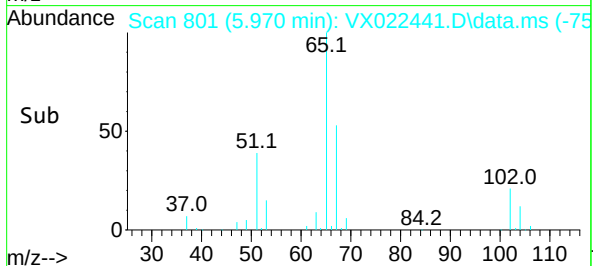
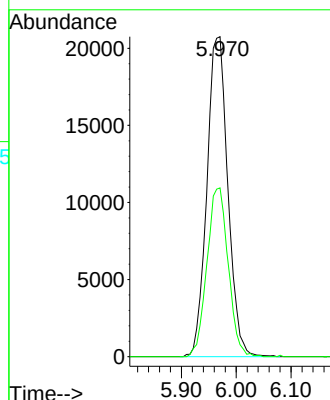
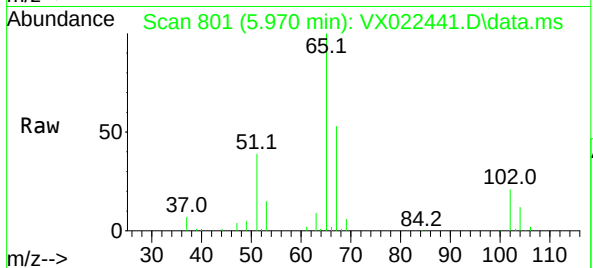


#33

1,2-Dichloroethane-d4
Concen: 55.359 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Instrument :
MSVOA_X
ClientSampleId :

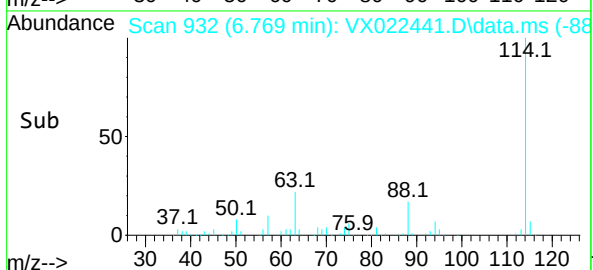
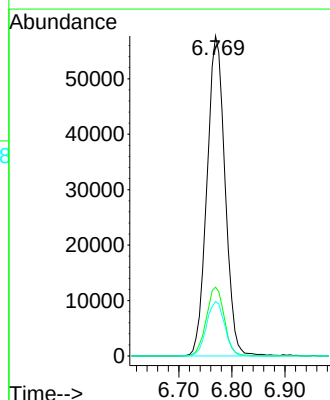
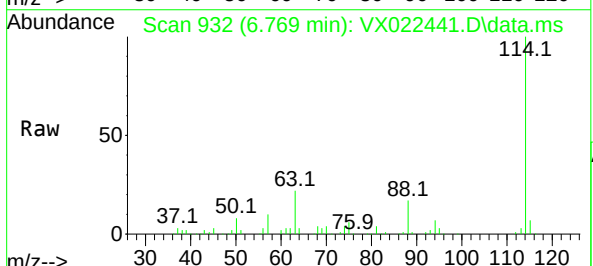
Tgt Ion: 65 Resp: 55039
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

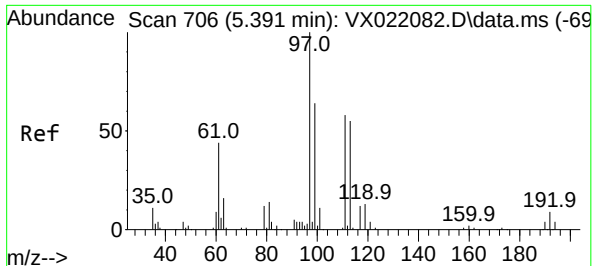


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 114 Resp: 136682
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 17.0 0.0 32.8

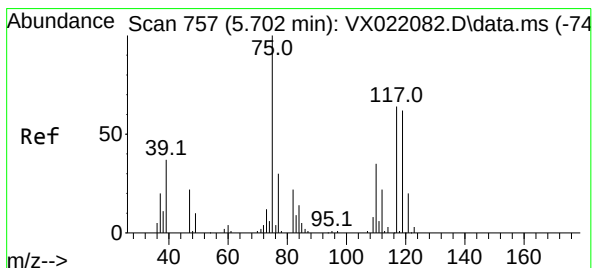
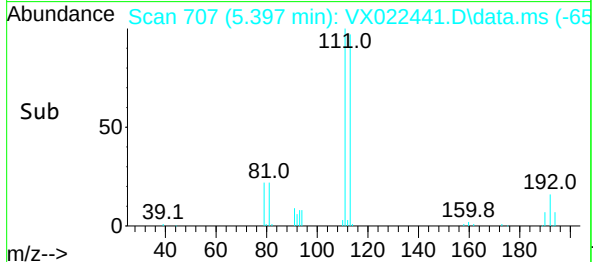
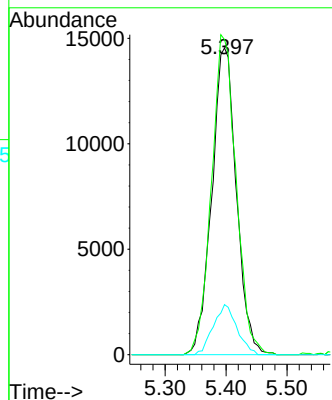
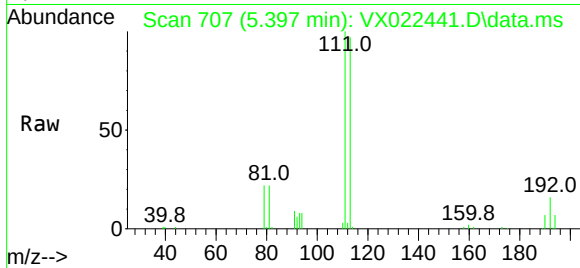




#35
Dibromofluoromethane
Concen: 47.120 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

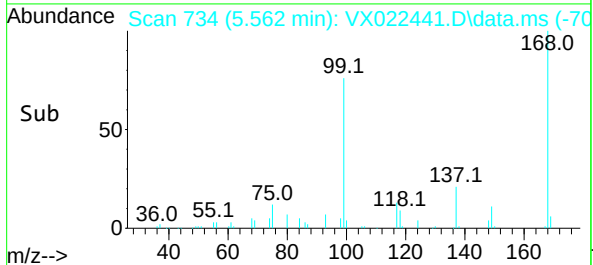
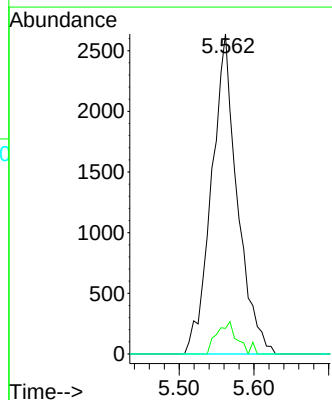
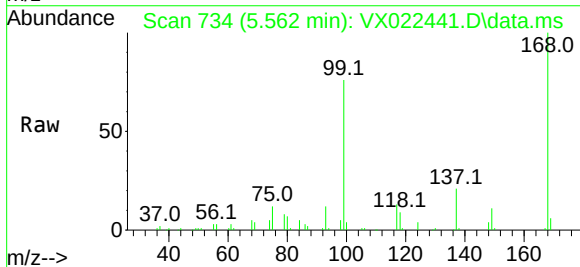
Instrument :
MSVOA_X
ClientSampleId :

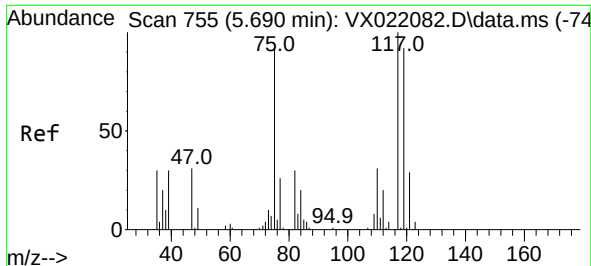
Tgt Ion:113 Resp: 40842
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 15.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

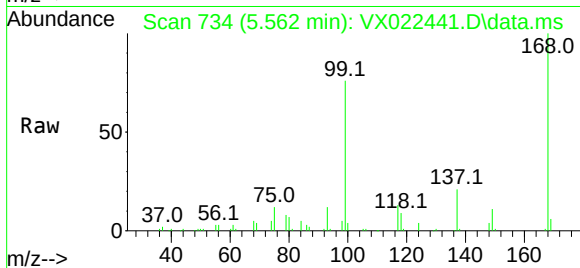
Tgt Ion: 75 Resp: 6334
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



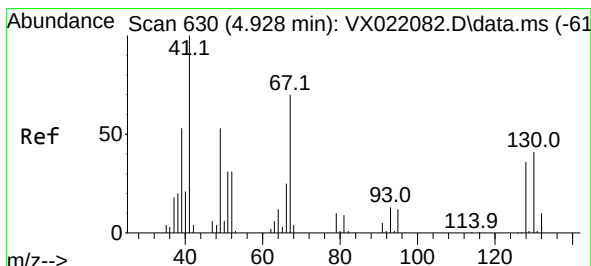
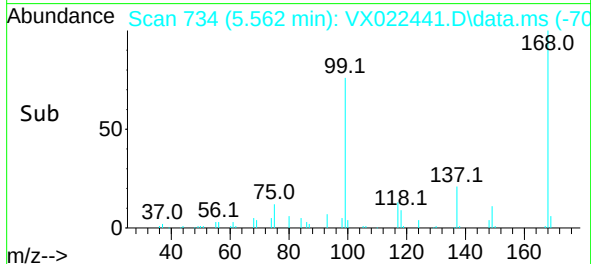
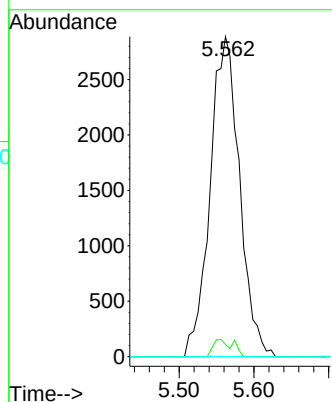


#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Instrument :
MSVOA_X
ClientSampled :

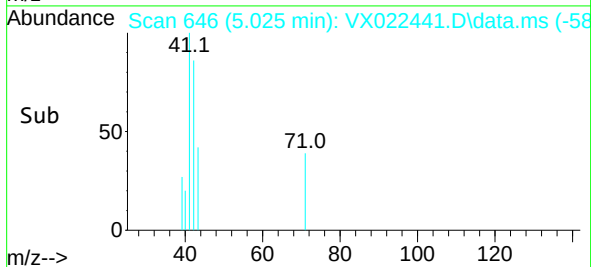
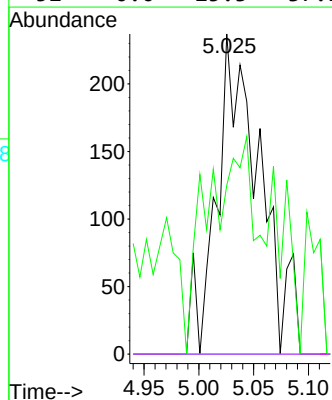
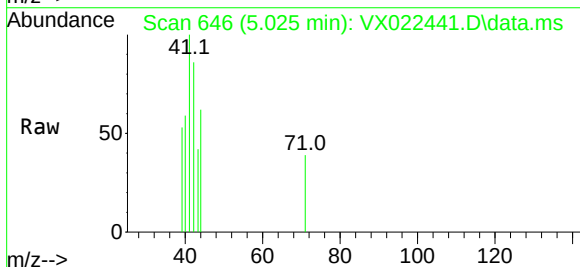


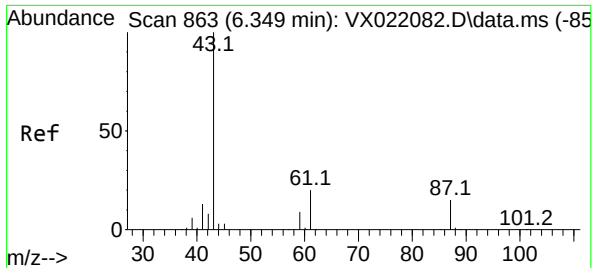
Tgt Ion:117 Resp: 7897
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.729 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 41 Resp: 604
Ion Ratio Lower Upper
41 100
39 17.5 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

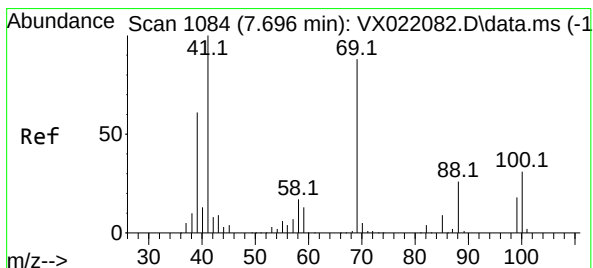
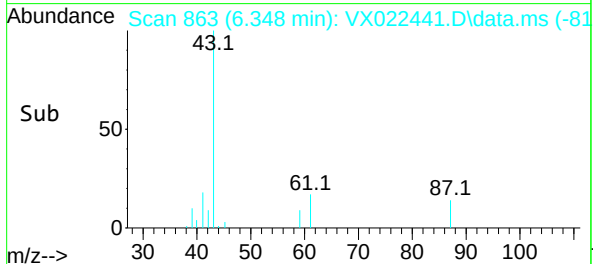
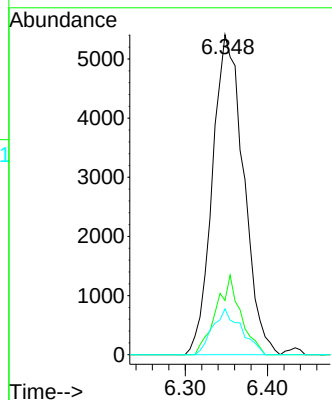
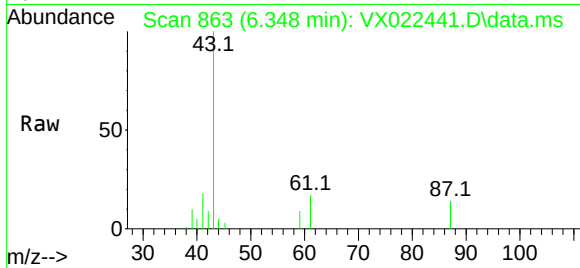




#43
Isopropyl Acetate
Concen: 5.625 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

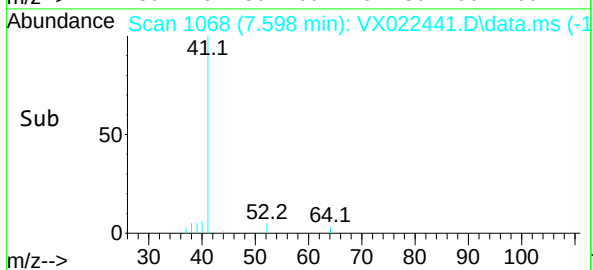
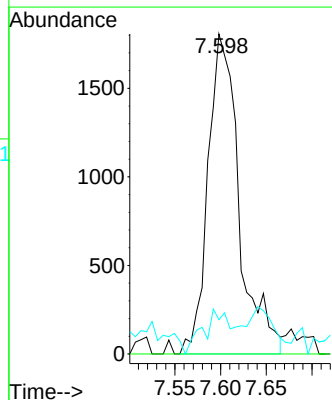
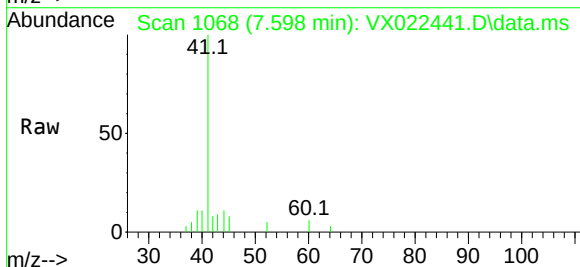
Instrument :
MSVOA_X
ClientSampleId :

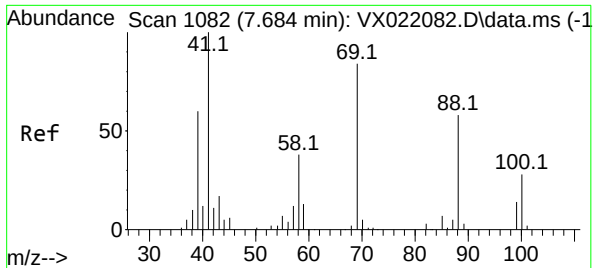
Tgt Ion:	43	Resp:	14256
Ion	Ratio	Lower	Upper
43	100		
61	19.7	18.2	27.4
87	13.1	12.5	18.7



#48
Methyl methacrylate
Concen: 3.666 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion:	41	Resp:	4281
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: 1.627 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.134 min

Lab File: VX022441.D

Acq: 05 Jun 2021 02:49

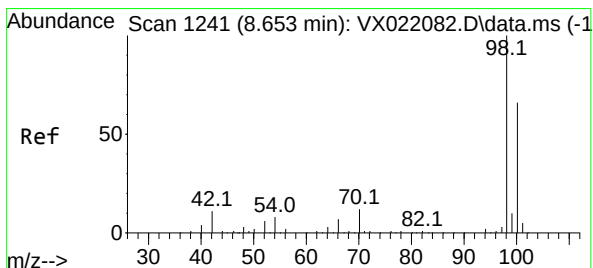
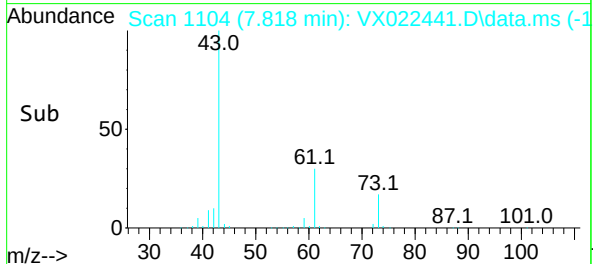
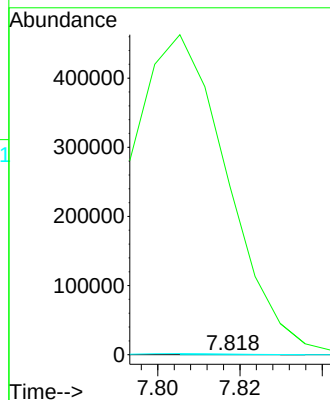
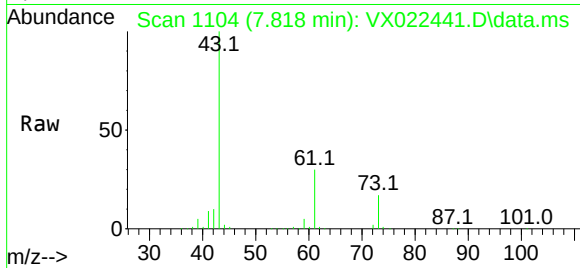
Tgt Ion: 88 Resp: 37

Ion Ratio Lower Upper

88 100

43 2163118.9 23.2 34.8#

58 7427.0 55.0 82.4#



#50

Toluene-d8

Concen: 51.140 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022441.D

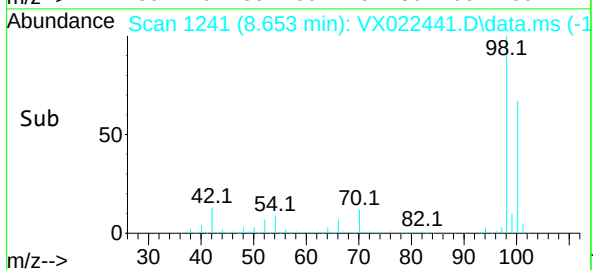
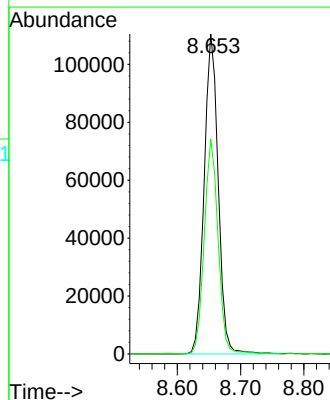
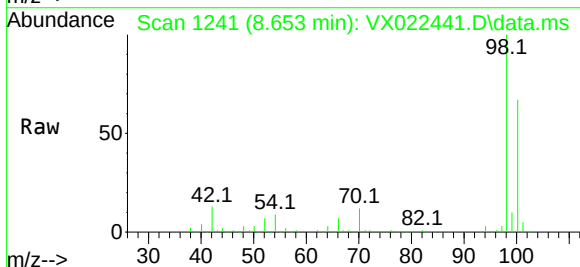
Acq: 05 Jun 2021 02:49

Tgt Ion: 98 Resp: 170752

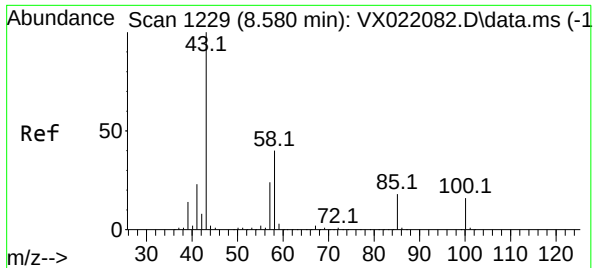
Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9



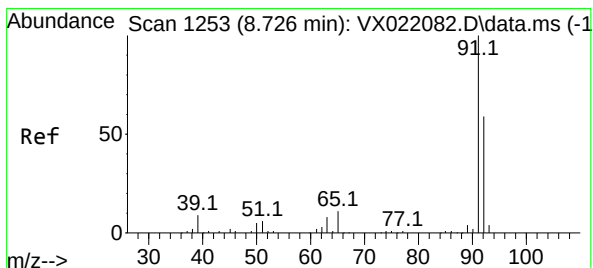
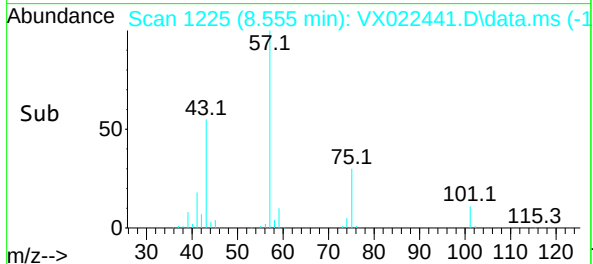
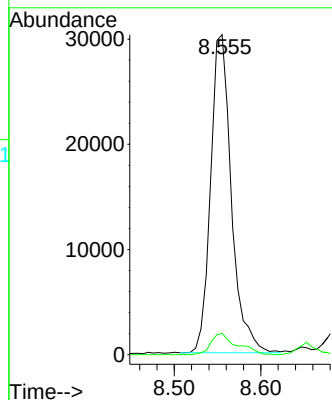
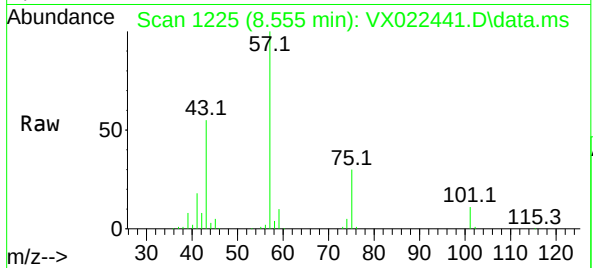
Instrument :
MSVOA_X
ClientSampled :



#51
4-Methyl-2-Pentanone
Concen: 33.213 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

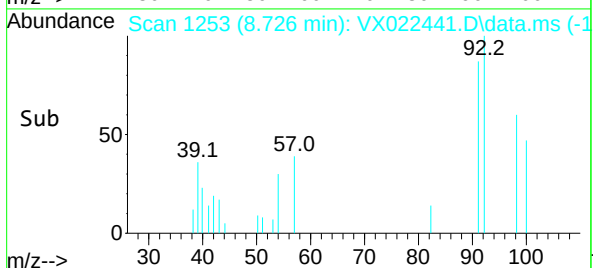
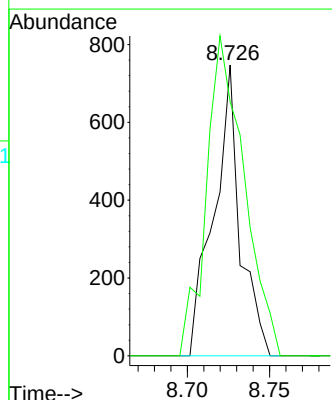
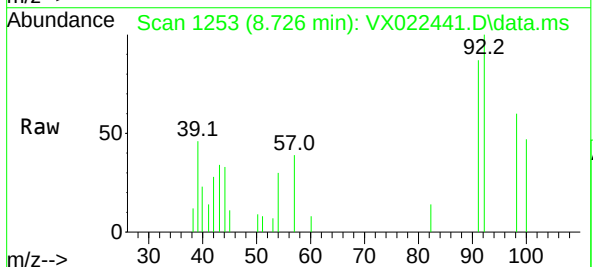
Instrument :
MSVOA_X
ClientSampled :

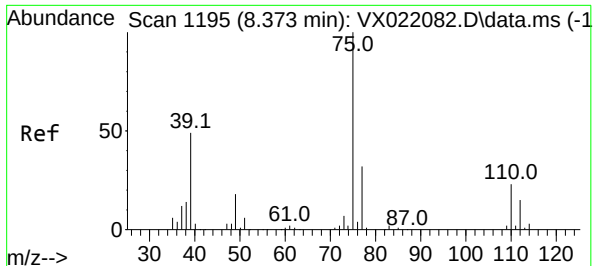
Tgt Ion: 43 Resp: 50418
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#52
Toluene
Concen: 0.337 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 92 Resp: 829
Ion Ratio Lower Upper
92 100
91 158.3 137.1 205.7

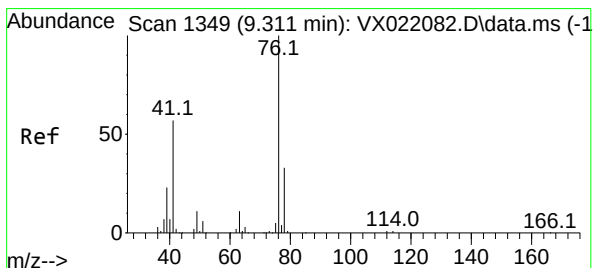
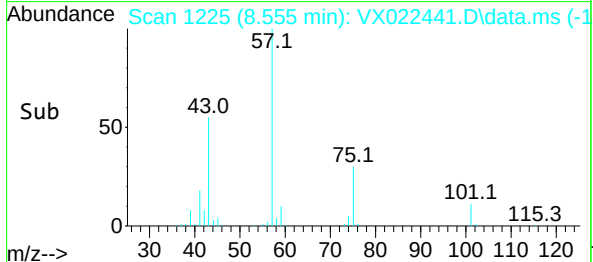
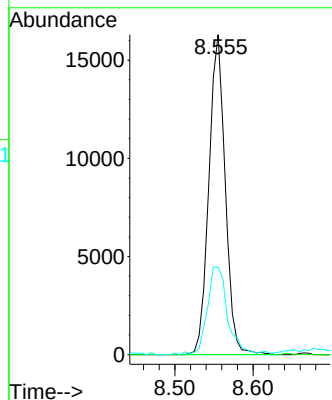
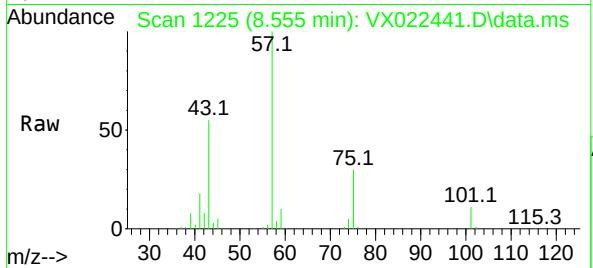




#54
 cis-1,3-Dichloropropene
 Concen: 14.127 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022441.D
 Acq: 05 Jun 2021 02:49

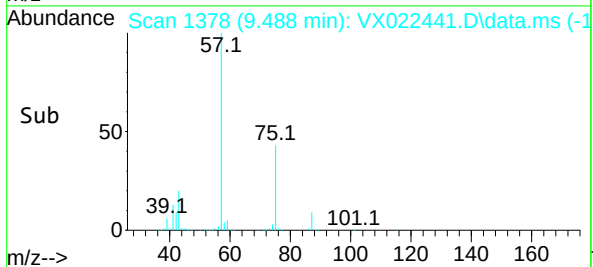
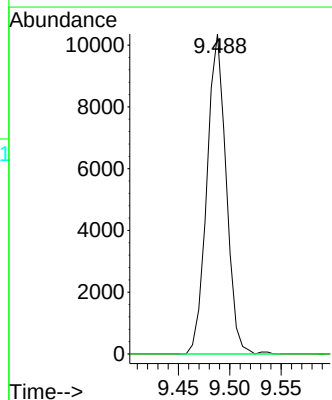
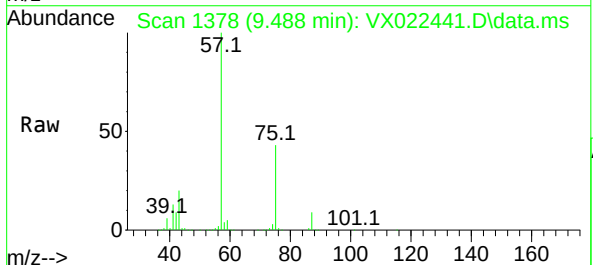
Instrument :
 MSVOA_X
 ClientSampled :

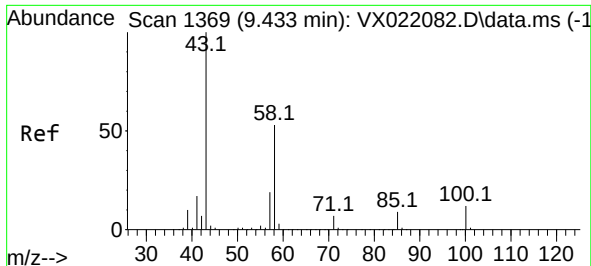
Tgt Ion: 75 Resp: 23611
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 27.3 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 7.897 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022441.D
 Acq: 05 Jun 2021 02:49

Tgt Ion: 76 Resp: 13480
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

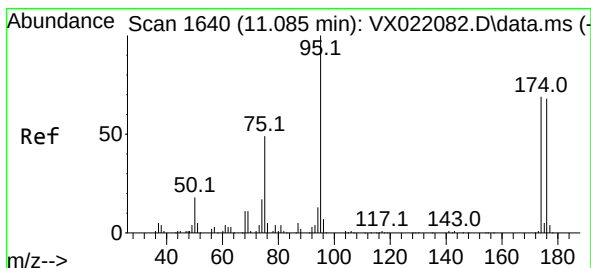
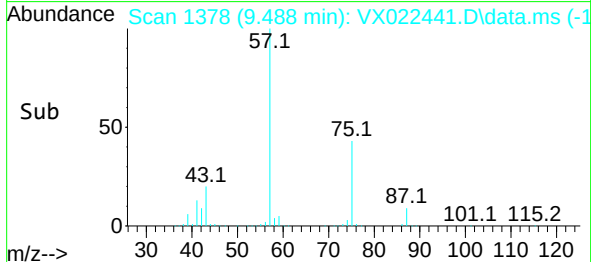
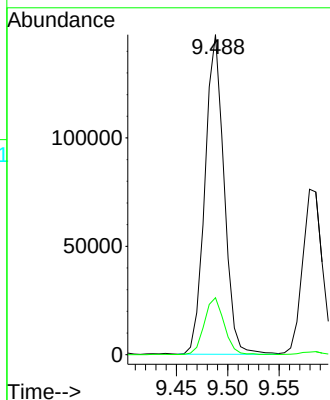
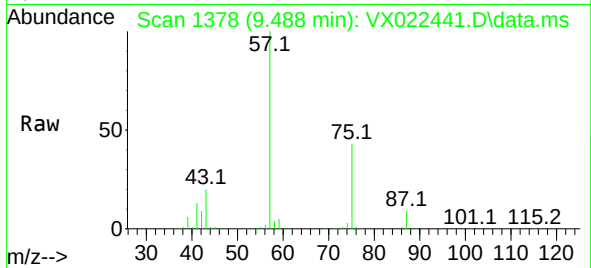




#59
2-Hexanone
Concen: 166.863 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

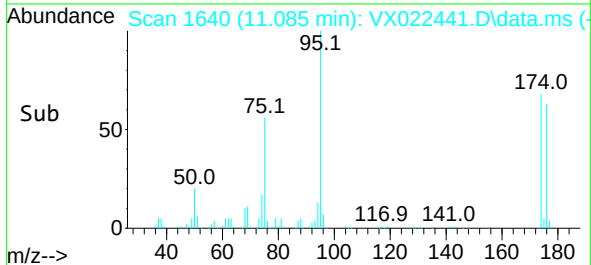
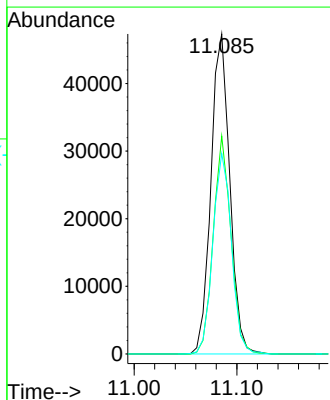
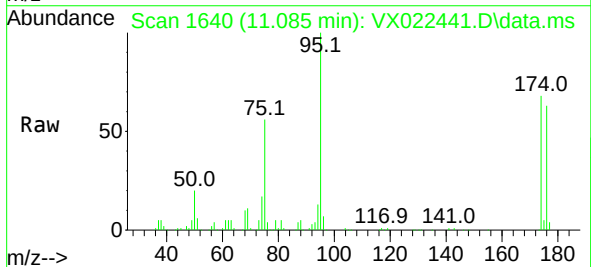
Instrument :
MSVOA_X
ClientSampled :

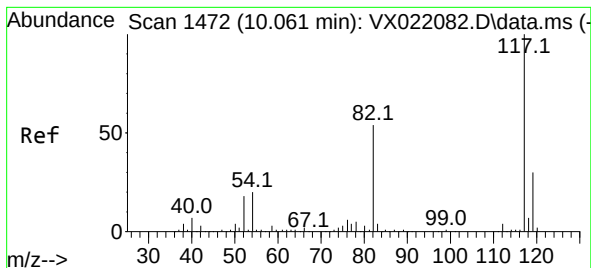
Tgt Ion: 43 Resp: 190509
Ion Ratio Lower Upper
43 100
58 18.5 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.887 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 95 Resp: 60332
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 61.8 0.0 155.8

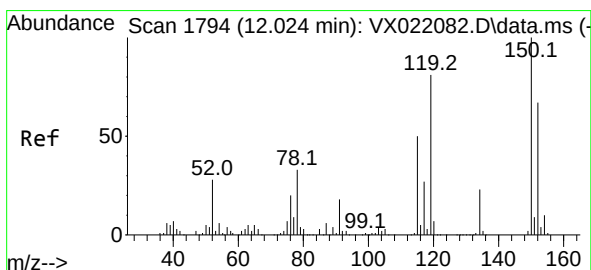
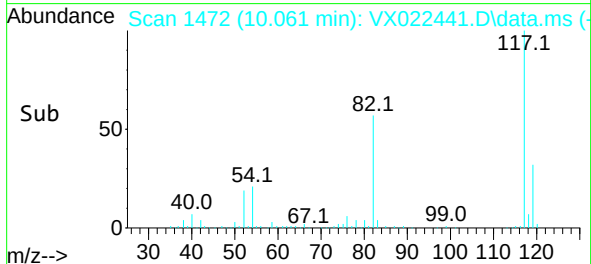
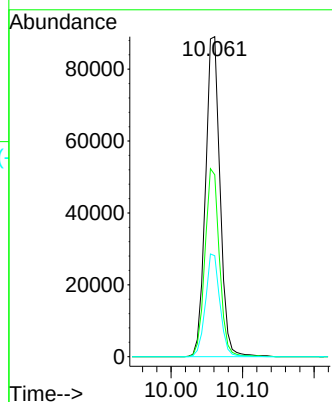
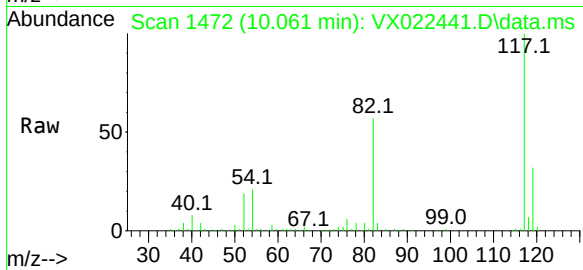




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

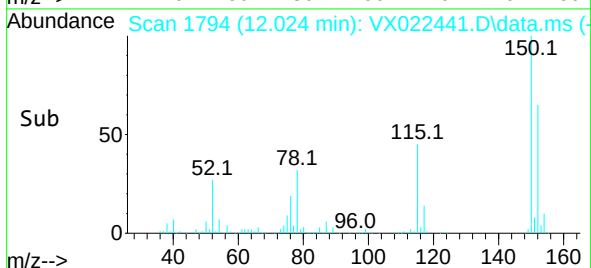
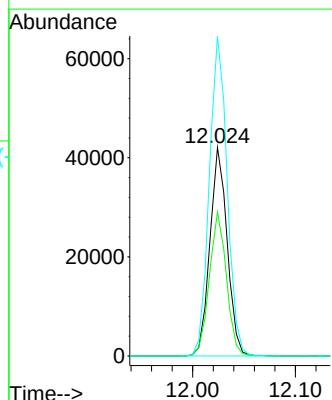
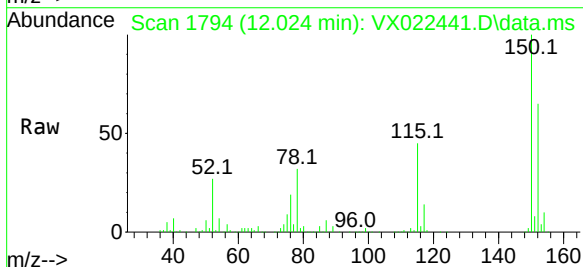
Instrument :
MSVOA_X
ClientSampleId :

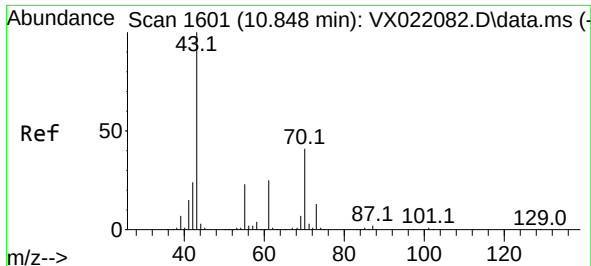
Tgt Ion:117 Resp: 125984
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

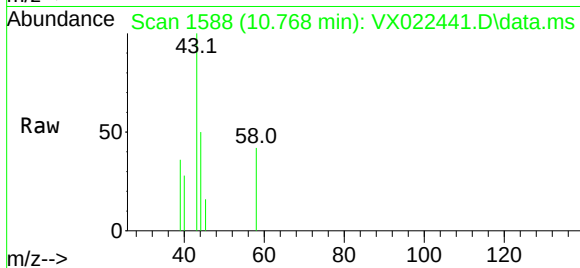
Tgt Ion:152 Resp: 49315
Ion Ratio Lower Upper
152 100
115 68.1 41.1 123.3
150 157.7 0.0 349.0



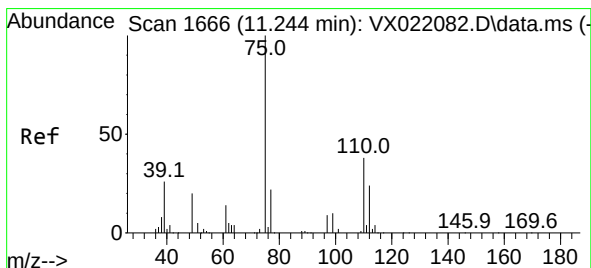
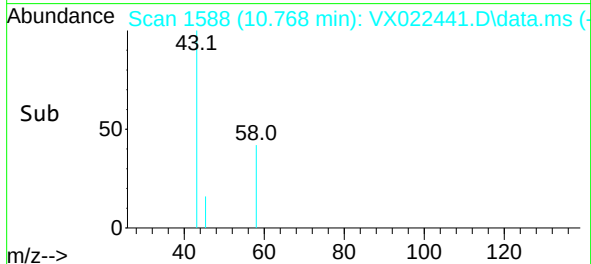
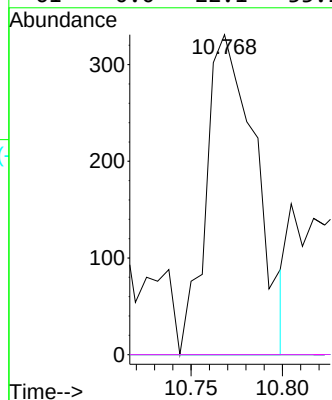


#74
N-amy1 acetate
Concen: 0.313 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Instrument :
MSVOA_X
ClientSampleId :

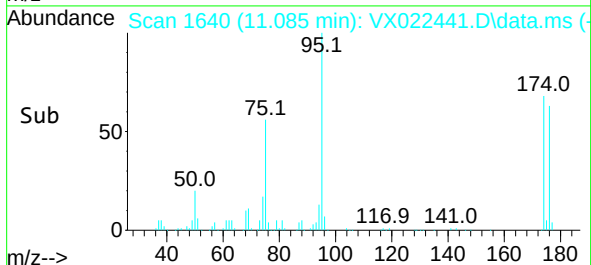
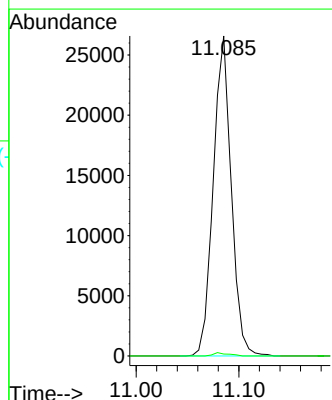
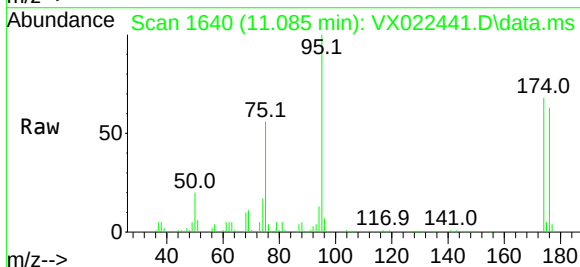


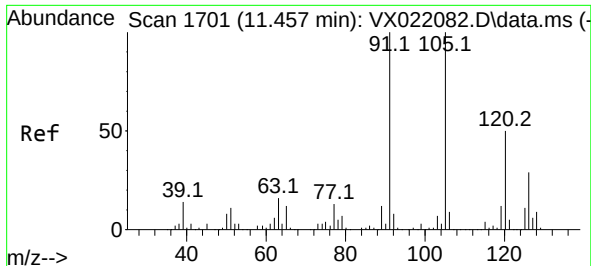
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.581 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 75 Resp: 32339
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#

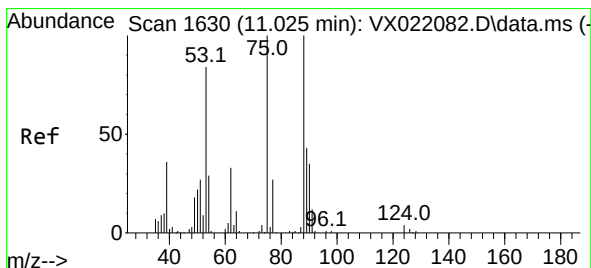
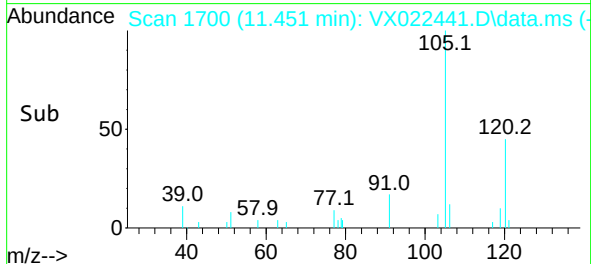
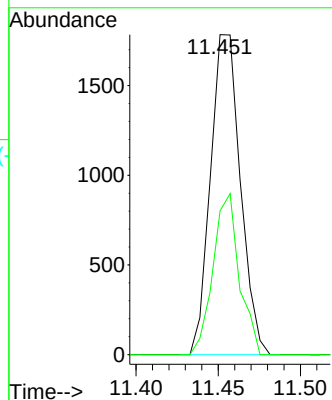
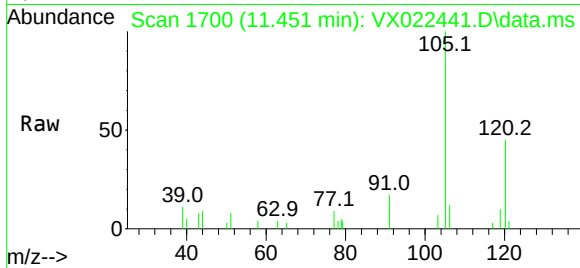




#80
1,3,5-Trimethylbenzene
Concen: 0.652 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2256
Ion Ratio Lower Upper
105 100
120 44.1 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.980 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022441.D
Acq: 05 Jun 2021 02:49

Tgt Ion: 75 Resp: 32339
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

