

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022498.D
 Acq On : 06 Jun 2021 23:14
 Operator : JC/MD
 Sample : PB136829ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#07

Quant Time: Jun 07 04:29:33 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)

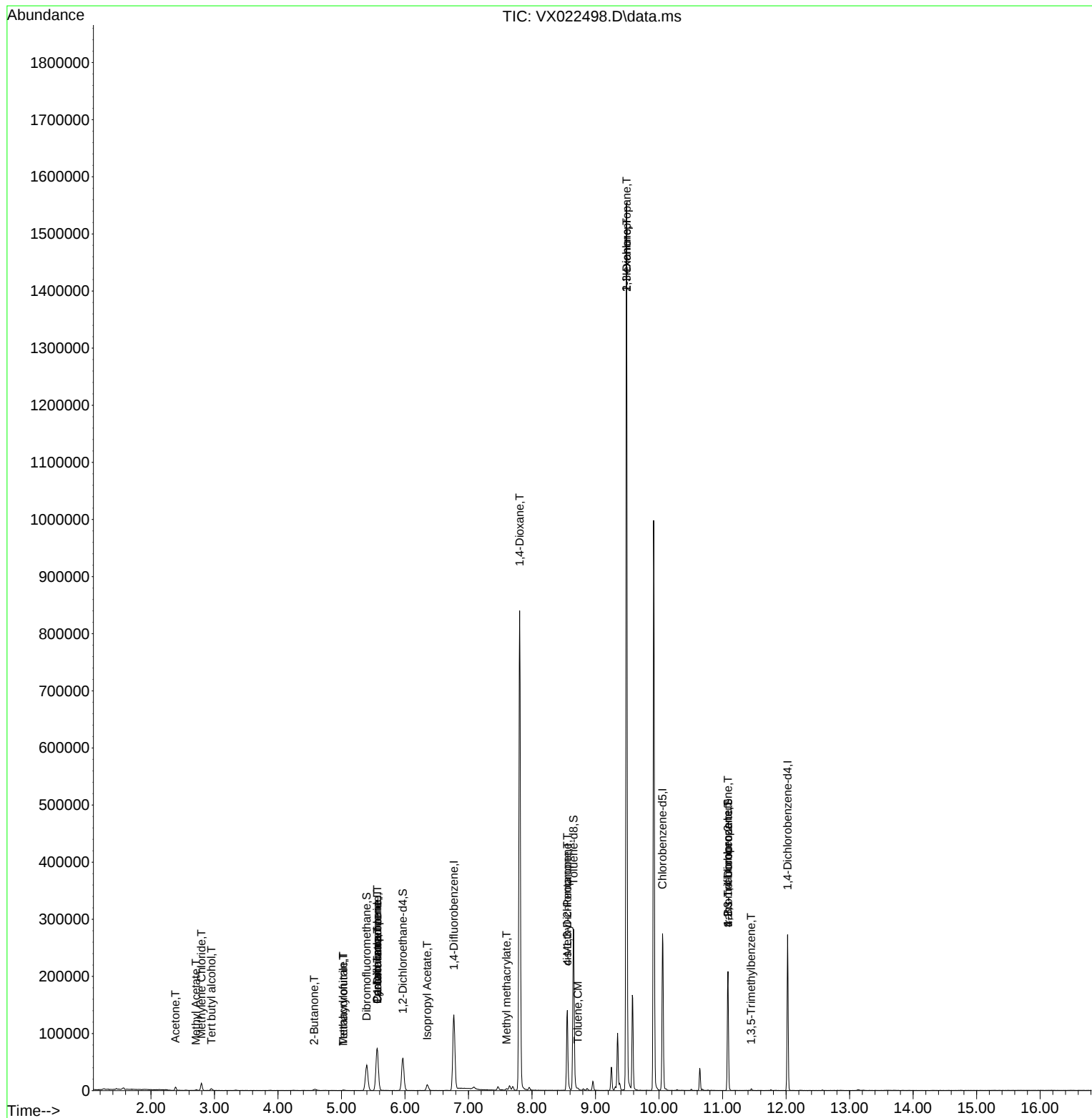
Internal Standards						
1) Pentafluorobenzene	5.562	168	61975	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51836	54.221	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.440%			
35) Dibromofluoromethane	5.397	113	37726	46.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.100%			
50) Toluene-d8	8.653	98	157792	50.542	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.085	95	57029	49.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.840%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	1998	9.138	ug/l #	73
16) Acetone	2.386	43	5845	14.041	ug/l	96
18) Methyl Acetate	2.709	43	1917	1.732	ug/l #	85
20) Methylene Chloride	2.794	84	5335	5.772	ug/l	95
25) 2-Butanone	4.568	43	2440	3.623	ug/l #	89
29) Tetrahydrofuran	5.025	42	482	1.203	ug/l #	76
31) Cyclohexane	5.562	56	1835	1.527	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6292	5.324	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7087	6.130	ug/l #	17
41) Methacrylonitrile	5.025	41	281	0.363	ug/l #	1
43) Isopropyl Acetate	6.348	43	14018	5.916	ug/l #	89
48) Methyl methacrylate	7.598	41	3832	3.509	ug/l #	10
49) 1,4-Dioxane	7.805	88	111	5.221	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	49459	34.845	ug/l #	45
52) Toluene	8.720	92	638	0.277	ug/l	80
54) cis-1,3-Dichloropropene	8.555	75	22618	14.473	ug/l #	64
57) 1,3-Dichloropropane	9.488	76	13541	8.484	ug/l #	42
59) 2-Hexanone	9.488	43	179367	168.018	ug/l #	45
76) 1,2,3-Trichloropropane	11.085	75	29680	25.156	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	1409	0.420	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	29680	59.604	ug/l #	12

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

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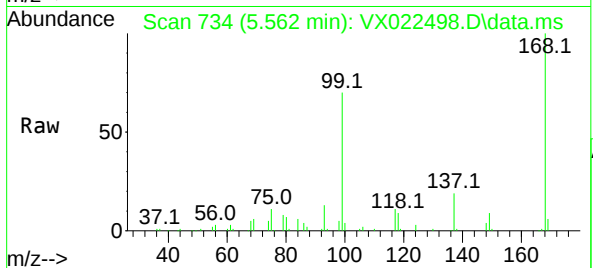
Quant Time: Jun 07 04:29:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



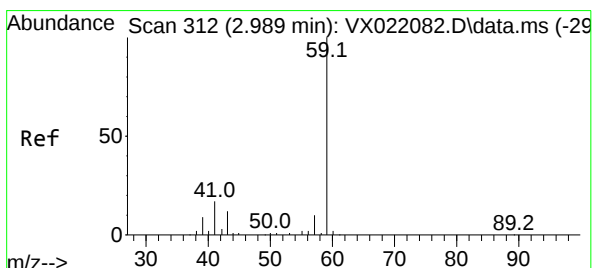
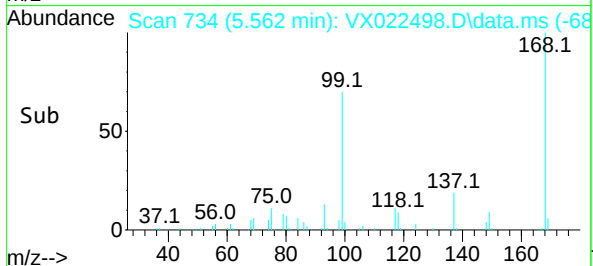
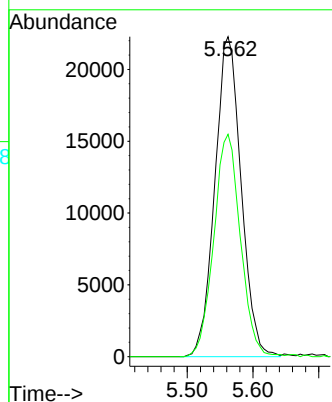


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

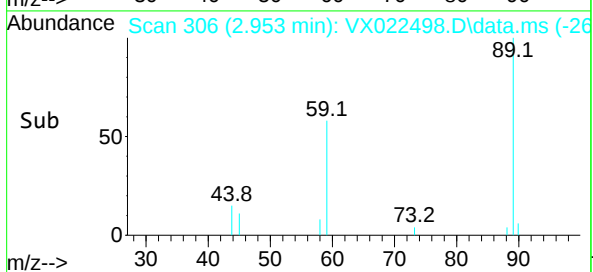
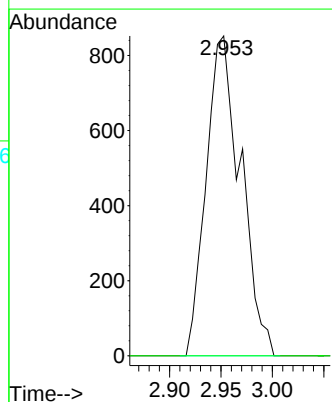
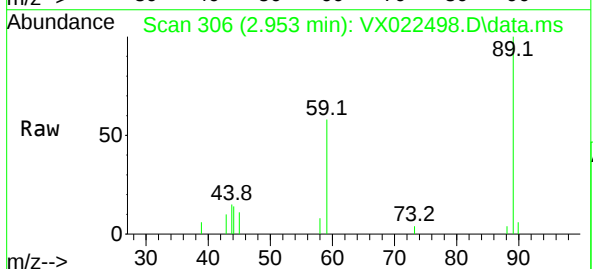


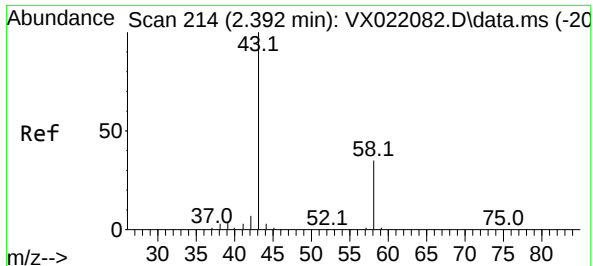
Tgt Ion:168 Resp: 61975
Ion Ratio Lower Upper
168 100
99 69.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 9.138 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Tgt Ion: 59 Resp: 1998
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

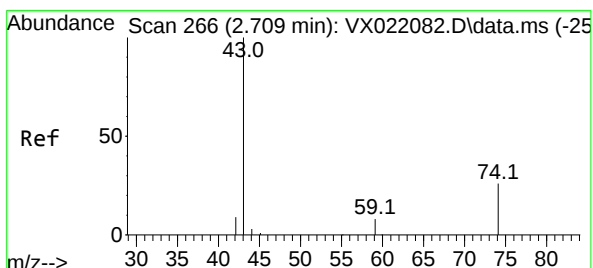
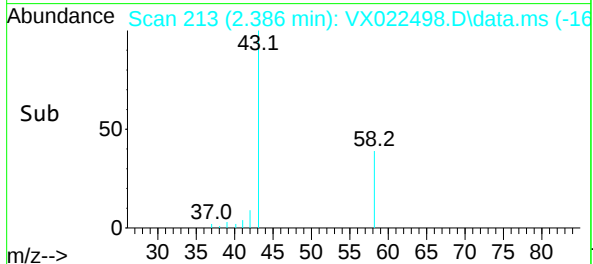
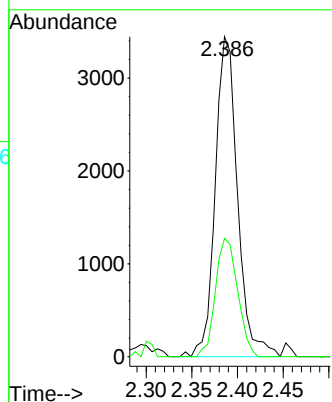
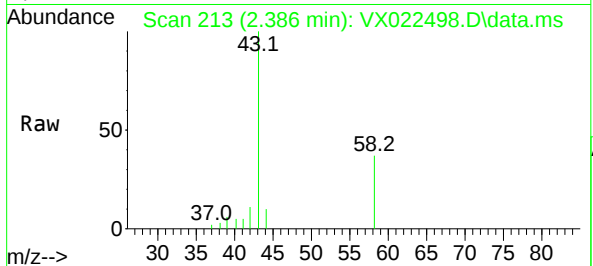




#16
Acetone
Concen: 14.041 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

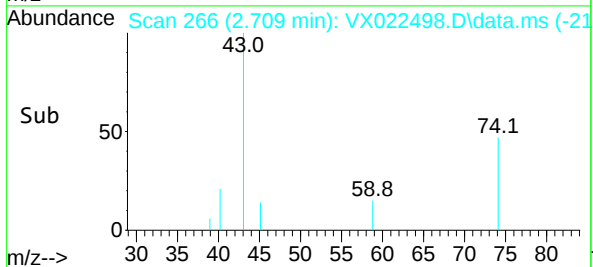
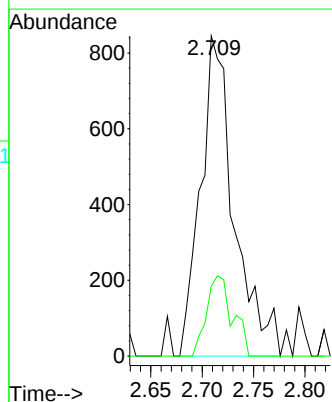
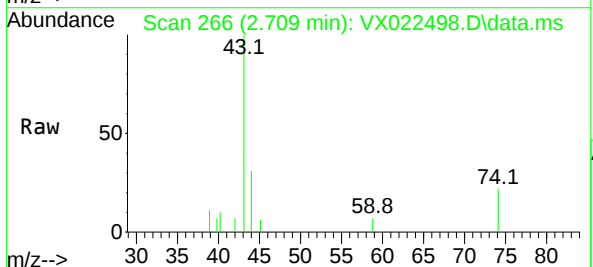
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

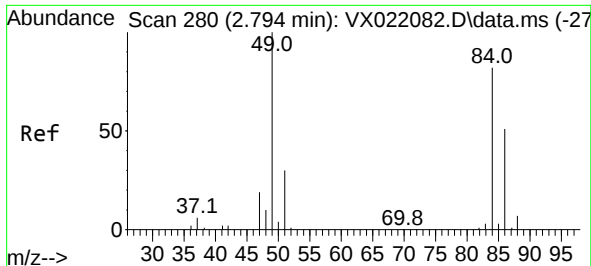
Tgt Ion: 43 Resp: 5845
Ion Ratio Lower Upper
43 100
58 36.9 27.8 41.8



#18
Methyl Acetate
Concen: 1.732 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
74 19.4 21.9 32.9#





#20

Methylene Chloride

Concen: 5.772 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022498.D

Acq: 06 Jun 2021 23:14

Tgt Ion: 84 Resp: 5335

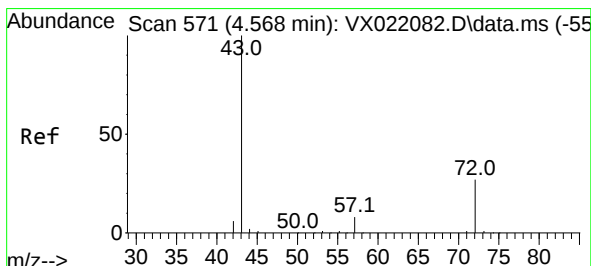
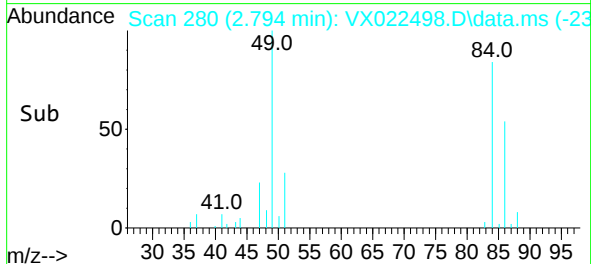
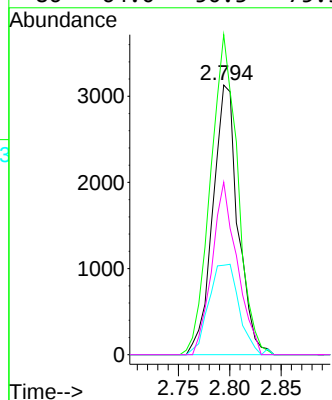
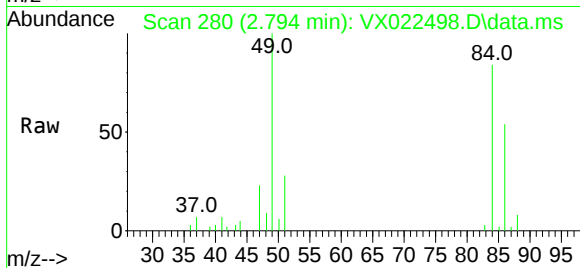
Ion Ratio Lower Upper

84 100

49 118.7 88.6 132.8

51 33.2 27.0 40.6

86 64.0 50.3 75.5



#25

2-Butanone

Concen: 3.623 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX022498.D

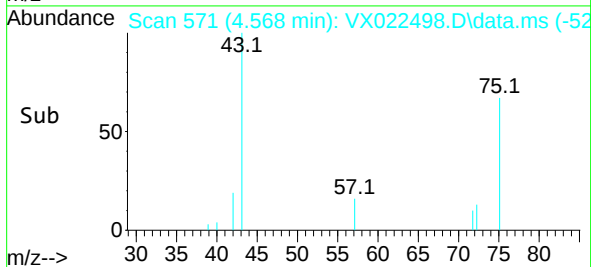
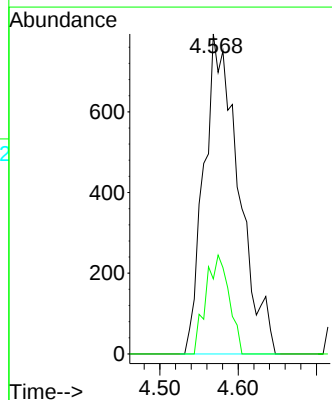
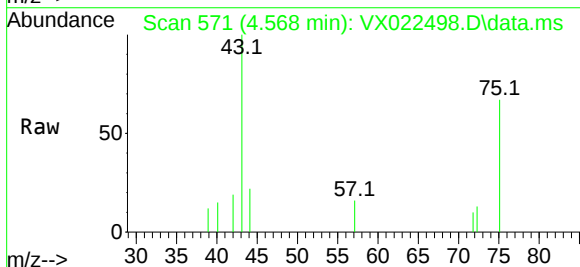
Acq: 06 Jun 2021 23:14

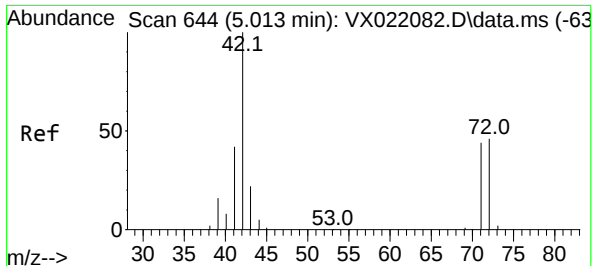
Tgt Ion: 43 Resp: 2440

Ion Ratio Lower Upper

43 100

72 23.5 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.203 ug/l

RT: 5.025 min Scan# 646

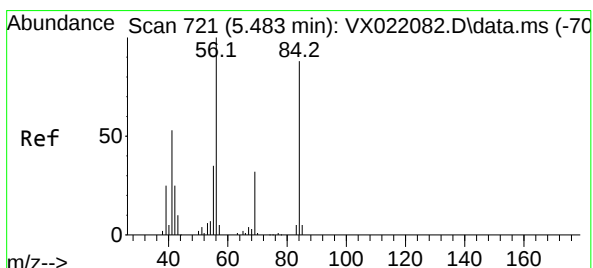
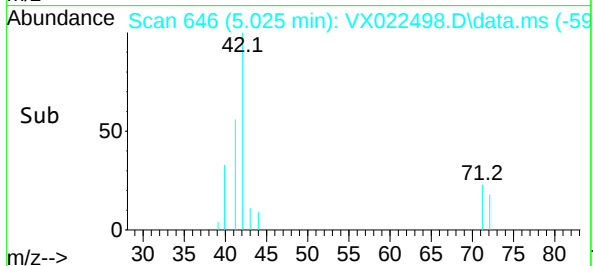
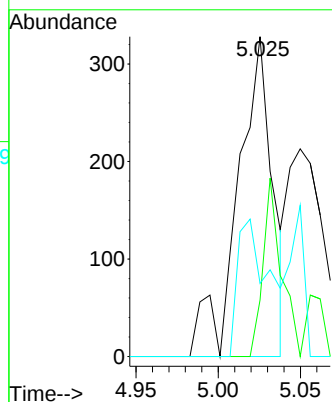
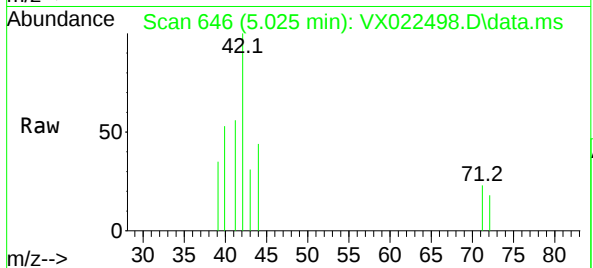
Delta R.T. 0.012 min

Lab File: VX022498.D

Acq: 06 Jun 2021 23:14

Tgt Ion:	42	Resp:	482
Ion	Ratio	Lower	Upper
42	100		
72	29.3	41.7	62.5#
71	38.2	38.4	57.6#

Instrument :
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PB136829ZHE#07



#31

Cyclohexane

Concen: 1.527 ug/l

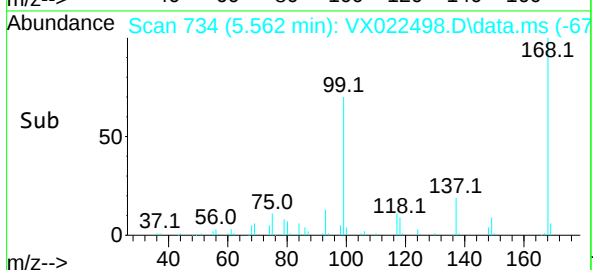
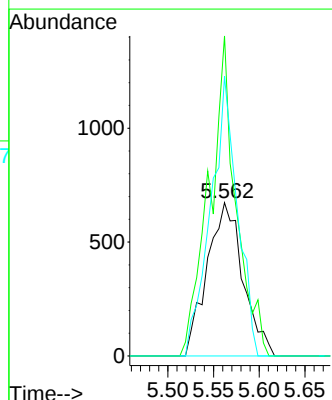
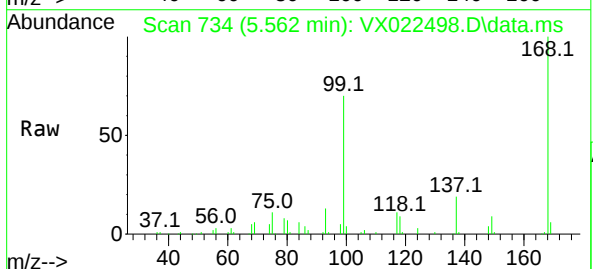
RT: 5.562 min Scan# 734

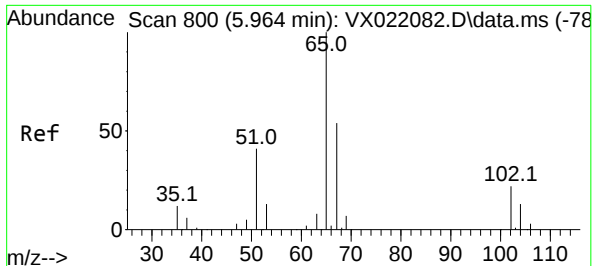
Delta R.T. 0.079 min

Lab File: VX022498.D

Acq: 06 Jun 2021 23:14

Tgt Ion:	56	Resp:	1835
Ion	Ratio	Lower	Upper
56	100		
69	208.8	25.3	37.9#
84	182.3	71.4	107.0#



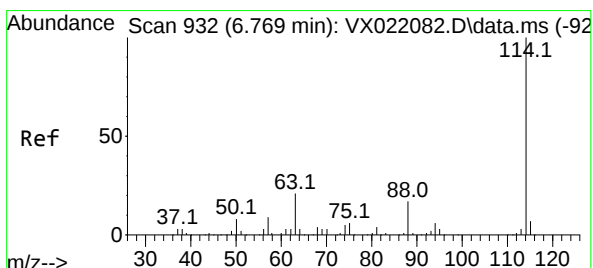
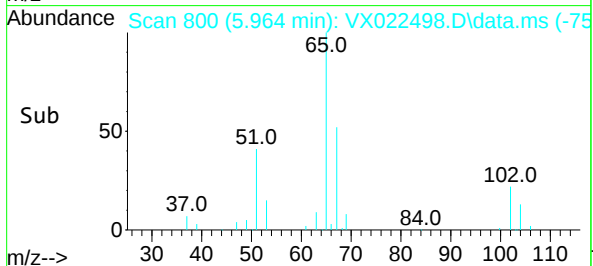
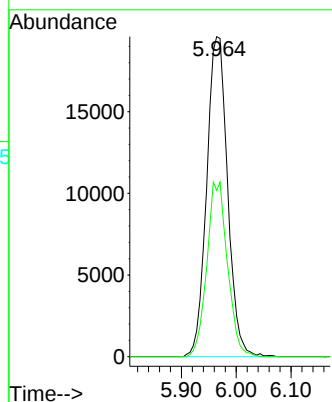
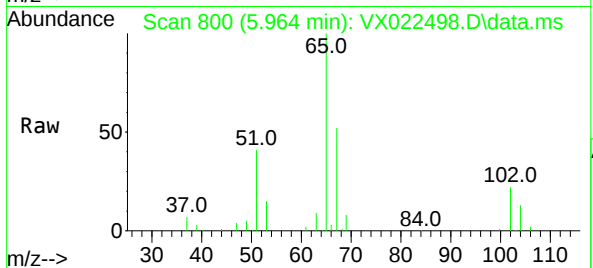


#33

1,2-Dichloroethane-d4
Concen: 54.221 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

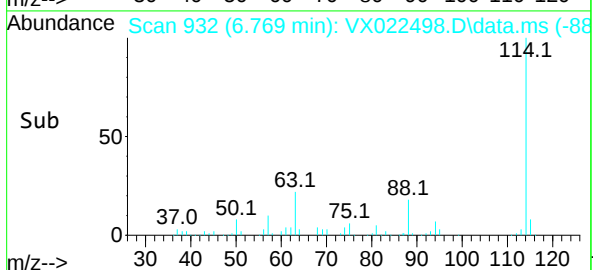
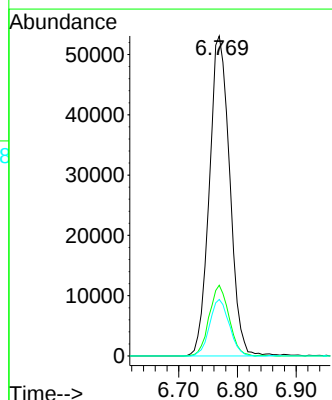
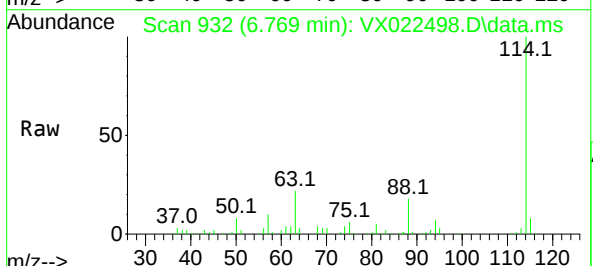
Tgt Ion: 65 Resp: 51836
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

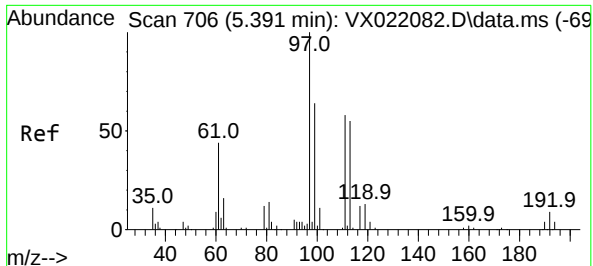


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Tgt Ion: 114 Resp: 127803
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 17.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.549 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022498.D

Acq: 06 Jun 2021 23:14

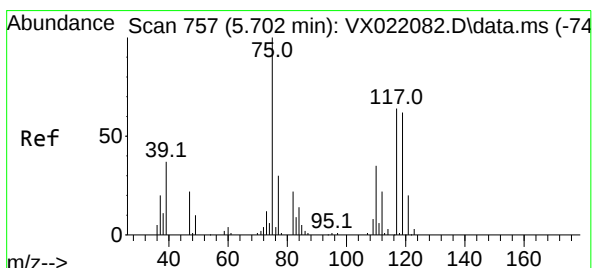
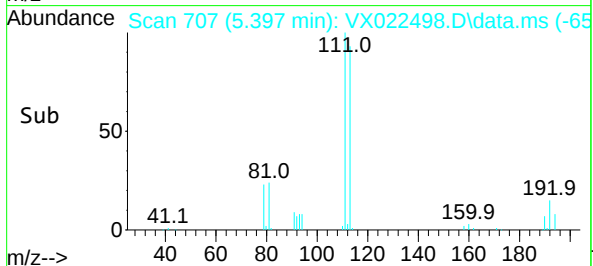
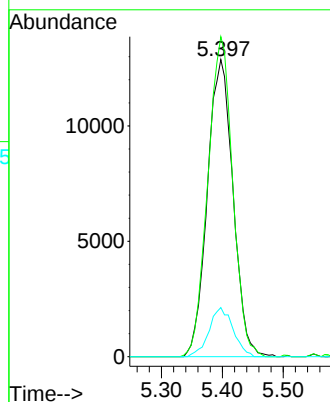
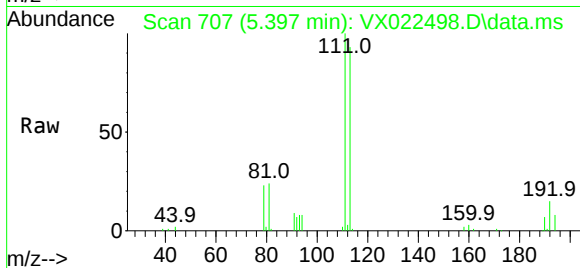
Tgt Ion:113 Resp: 37726

Ion Ratio Lower Upper

113 100

111 104.2 81.9 122.9

192 15.5 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.324 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022498.D

Acq: 06 Jun 2021 23:14

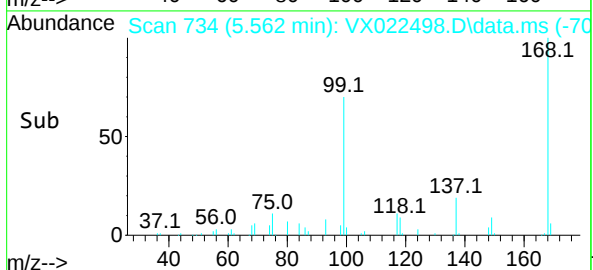
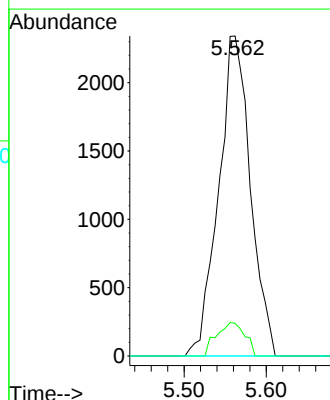
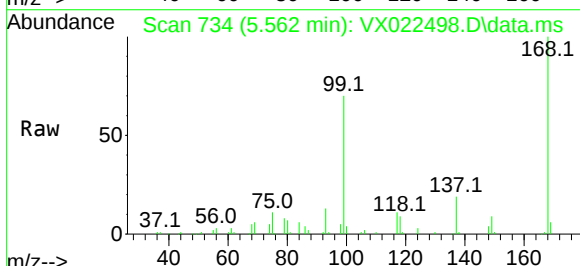
Tgt Ion: 75 Resp: 6292

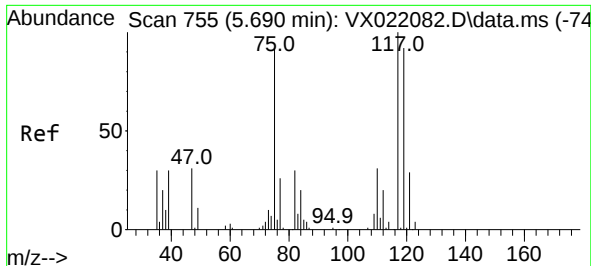
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

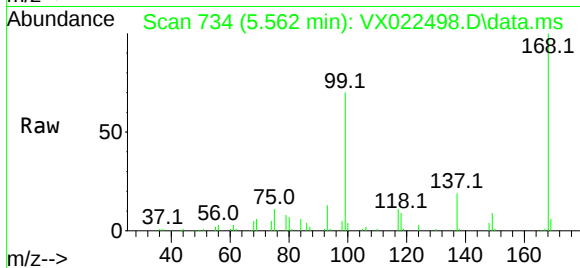
77 0.0 25.3 37.9#



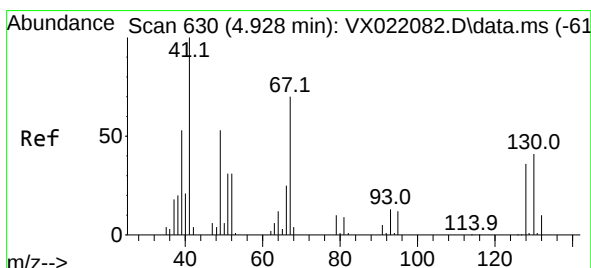
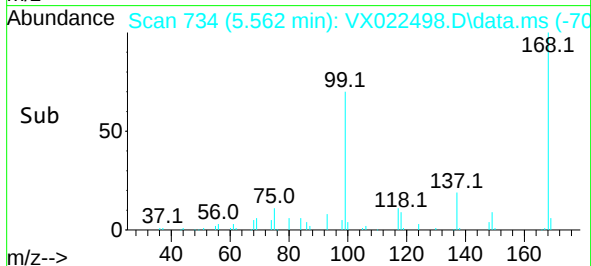
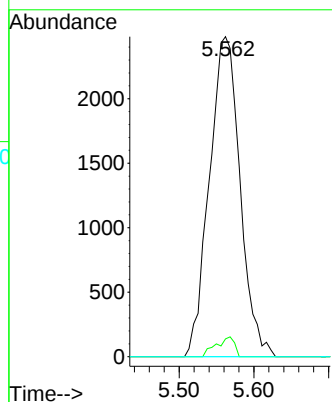


#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

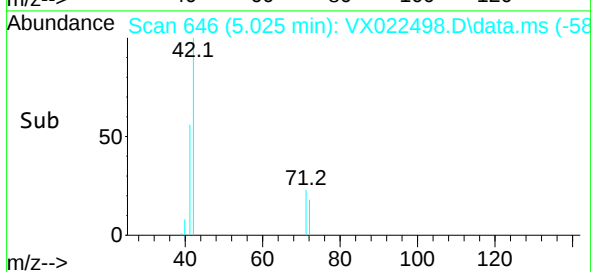
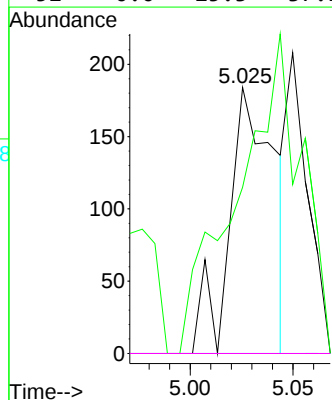
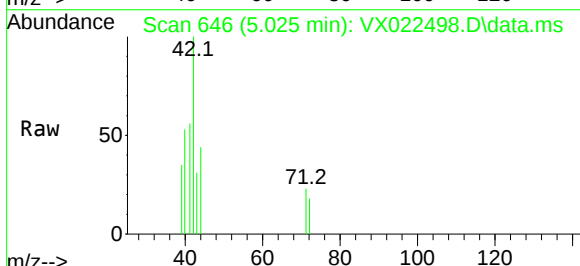


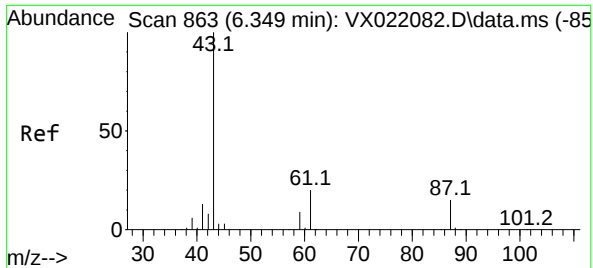
Tgt Ion:117 Resp: 7087
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.363 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Tgt Ion: 41 Resp: 281
Ion Ratio Lower Upper
41 100
39 169.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

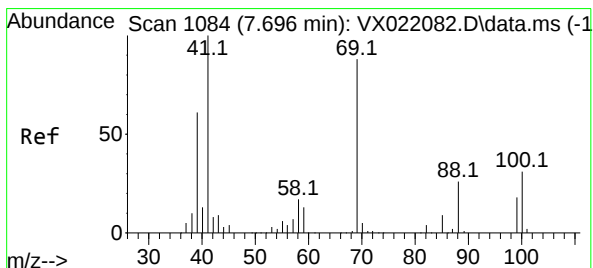
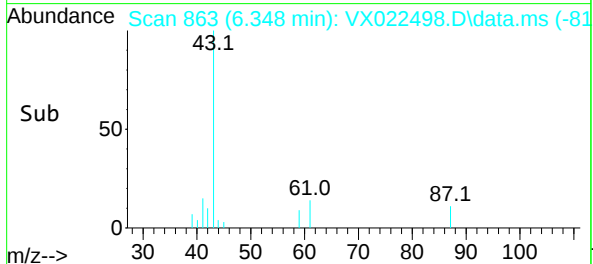
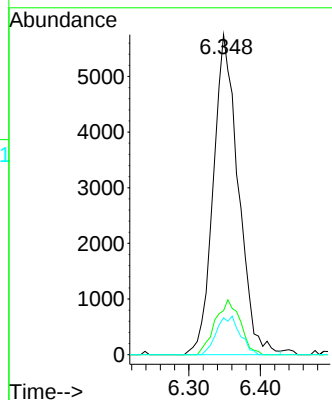
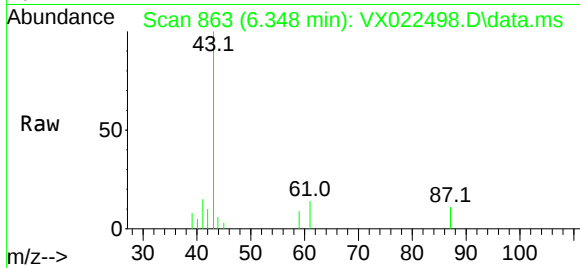




#43
Isopropyl Acetate
Concen: 5.916 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

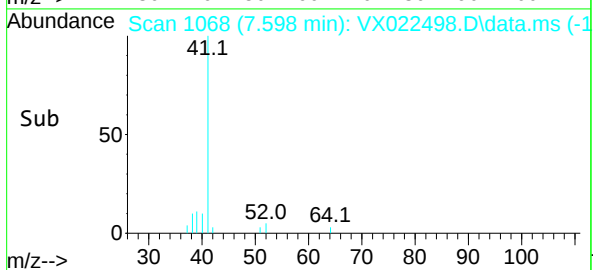
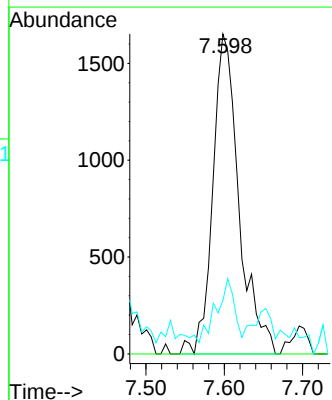
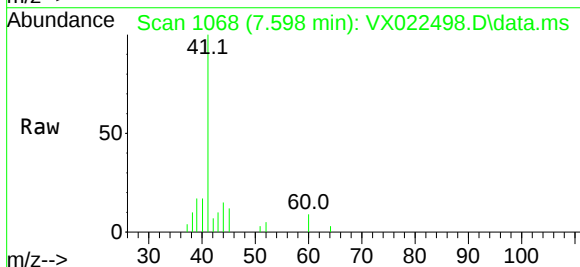
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

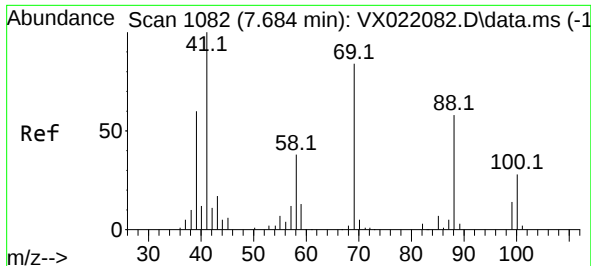
Tgt Ion: 43	Resp: 14018
Ion Ratio	Lower Upper
43 100	
61 17.2	18.2 27.4#
87 11.3	12.5 18.7#



#48
Methyl methacrylate
Concen: 3.509 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Tgt Ion: 41	Resp: 3832
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#





#49

1,4-Dioxane

Concen: 5.221 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.121 min

Lab File: VX022498.D

Acq: 06 Jun 2021 23:14

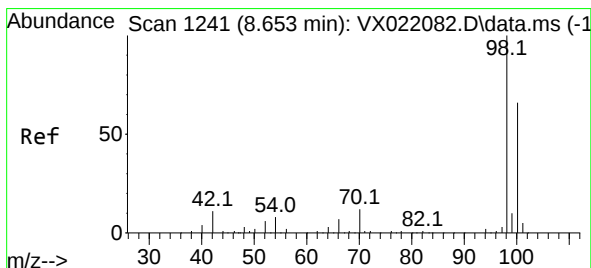
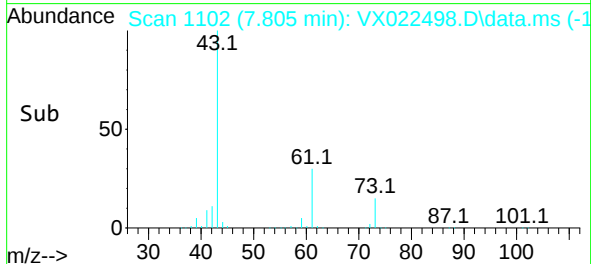
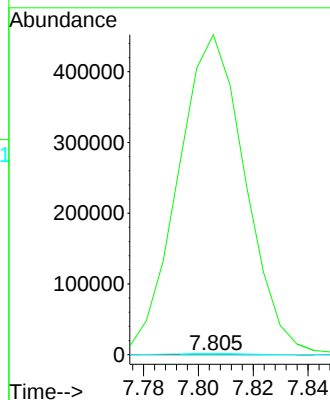
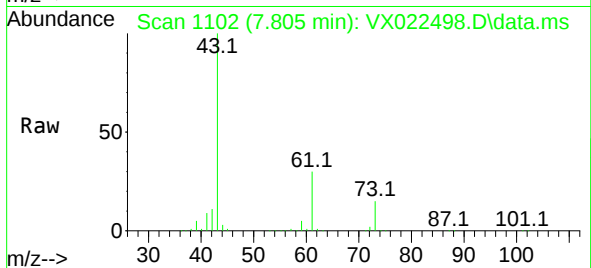
Tgt Ion: 88 Resp: 111

Ion Ratio Lower Upper

88 100

43 704004.5 23.2 34.8#

58 2982.0 55.0 82.4#



#50

Toluene-d8

Concen: 50.542 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022498.D

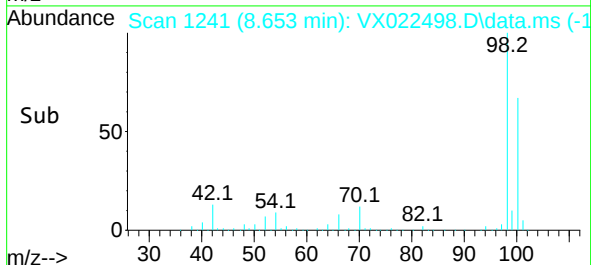
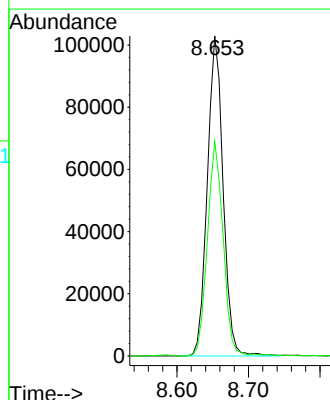
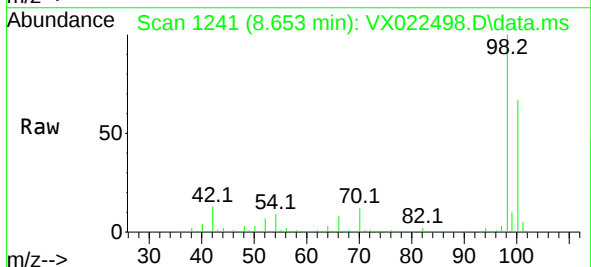
Acq: 06 Jun 2021 23:14

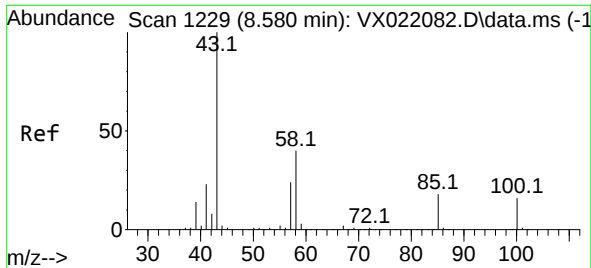
Tgt Ion: 98 Resp: 157792

Ion Ratio Lower Upper

98 100

100 67.2 51.9 77.9

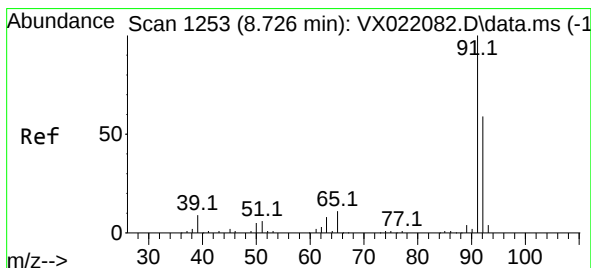
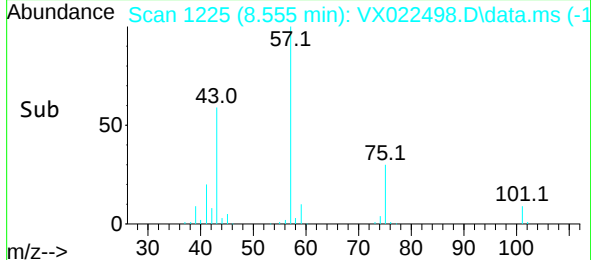
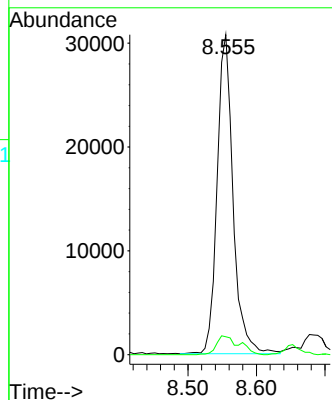
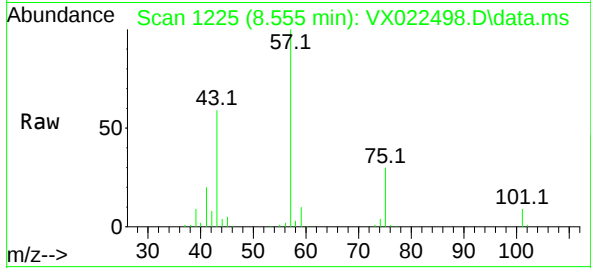




#51
4-Methyl-2-Pentanone
Concen: 34.845 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

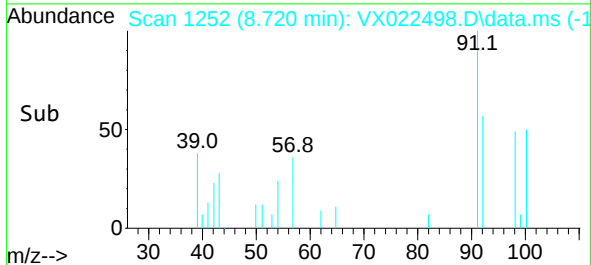
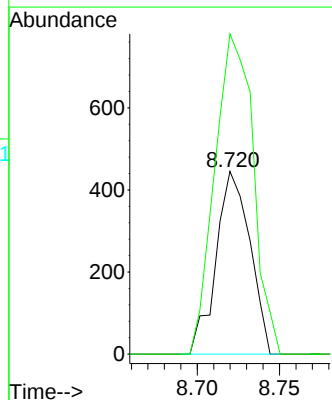
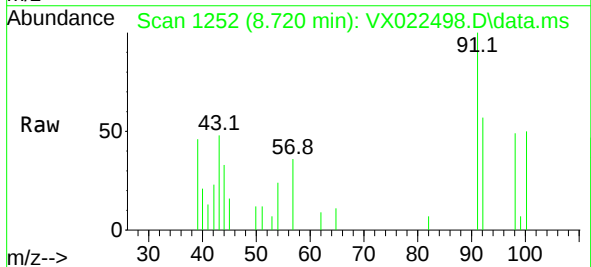
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

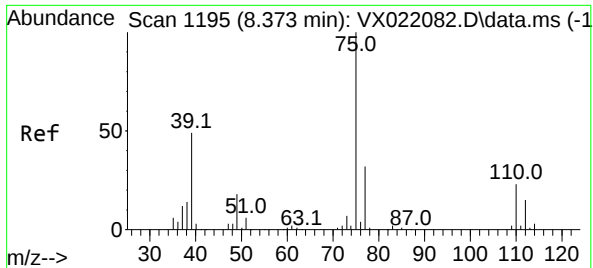
Tgt Ion: 43 Resp: 49459
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#



#52
Toluene
Concen: 0.277 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Tgt Ion: 92 Resp: 638
Ion Ratio Lower Upper
92 100
91 198.6 137.1 205.7

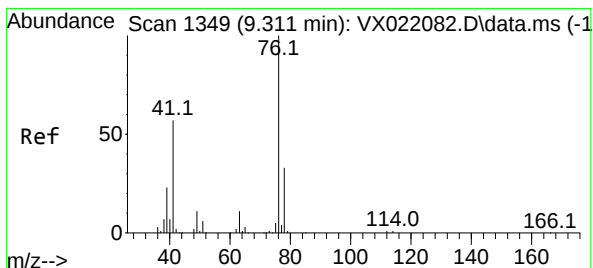
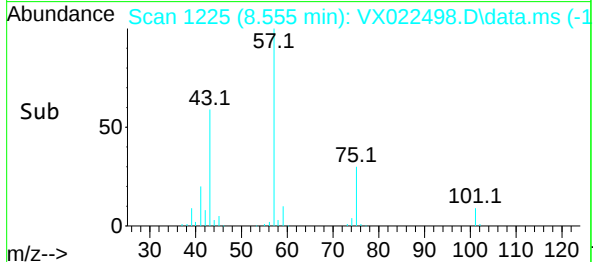
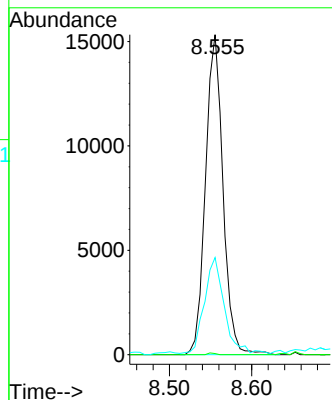
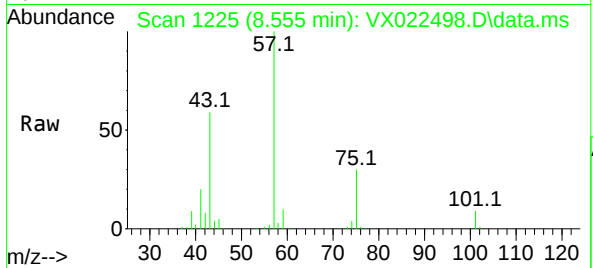




#54
 cis-1,3-Dichloropropene
 Concen: 14.473 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022498.D
 Acq: 06 Jun 2021 23:14

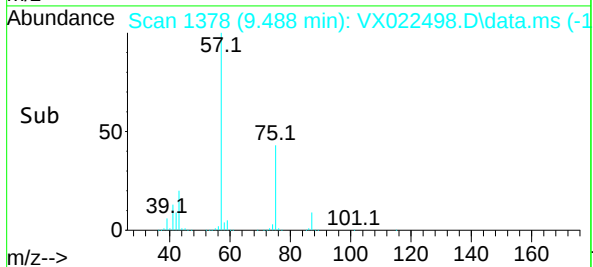
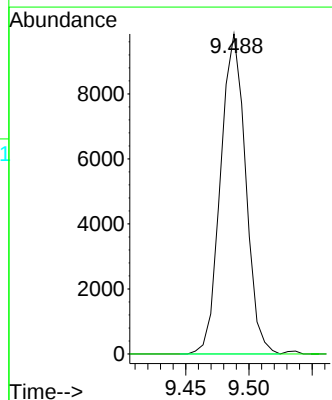
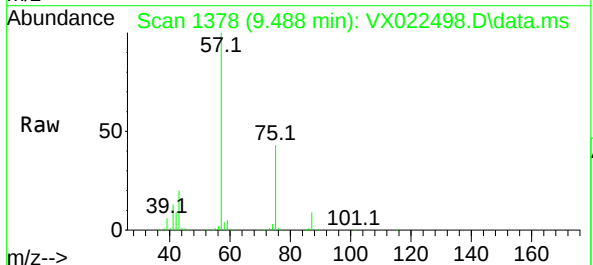
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#07

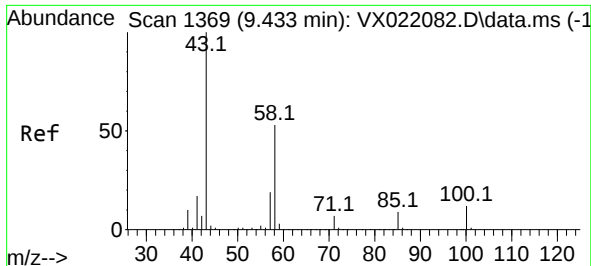
Tgt Ion: 75 Resp: 22618
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.7 38.5#
 39 30.0 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 8.484 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022498.D
 Acq: 06 Jun 2021 23:14

Tgt Ion: 76 Resp: 13541
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

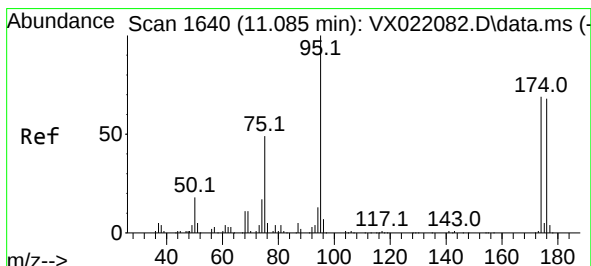
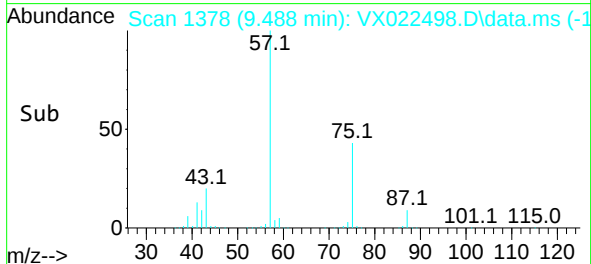
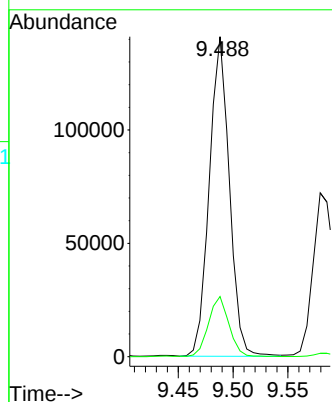
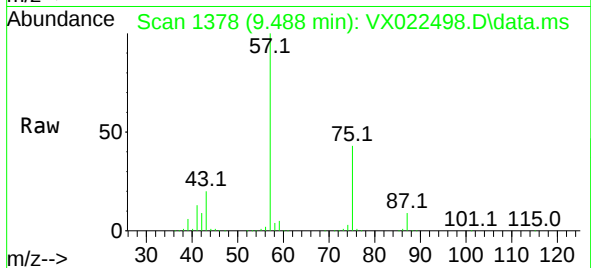




#59
2-Hexanone
Concen: 168.018 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

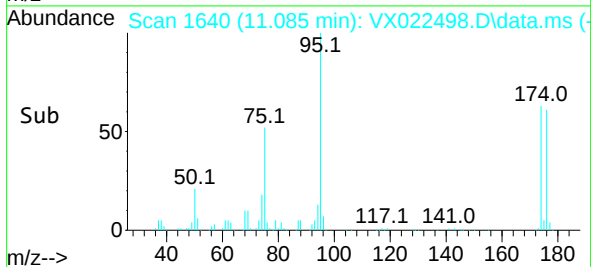
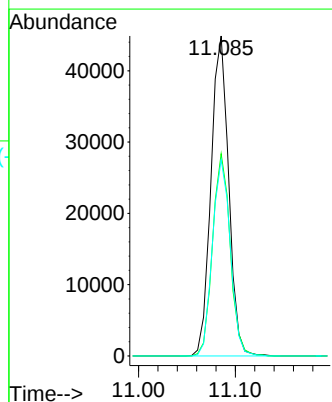
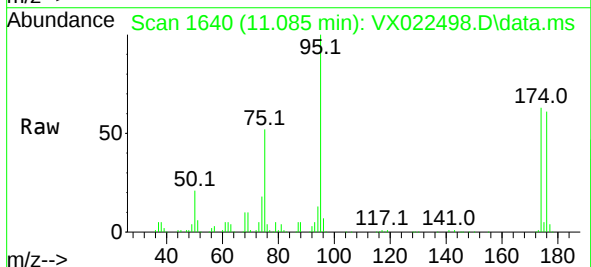
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

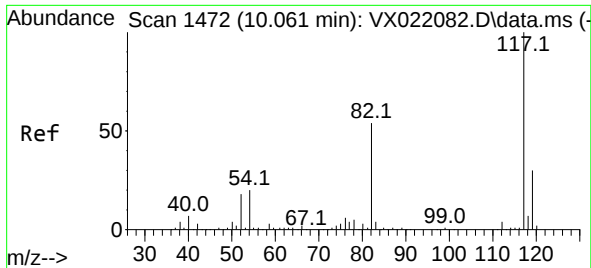
Tgt Ion: 43 Resp: 179367
Ion Ratio Lower Upper
43 100
58 19.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.421 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Tgt Ion: 95 Resp: 57029
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 62.0 0.0 155.8

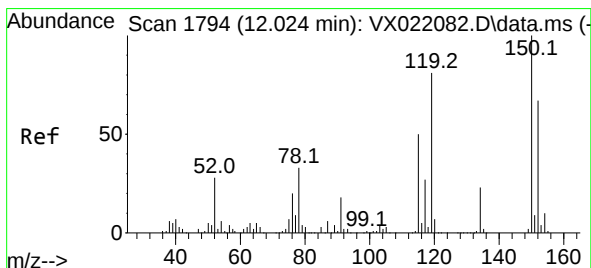
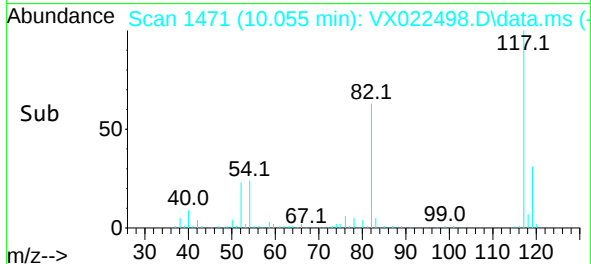
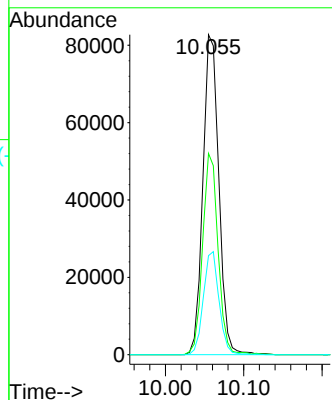
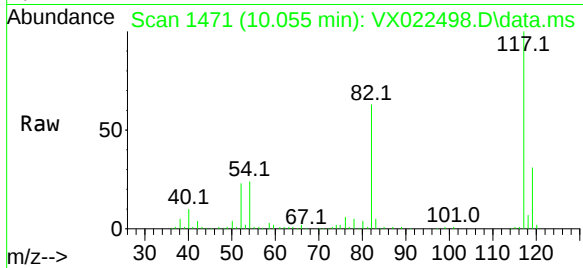




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

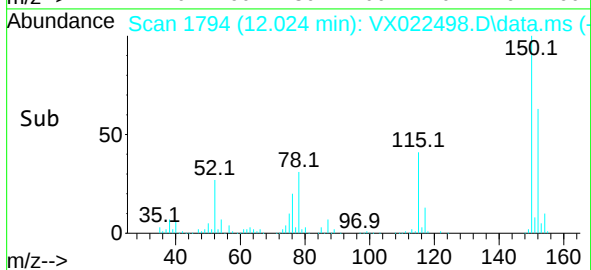
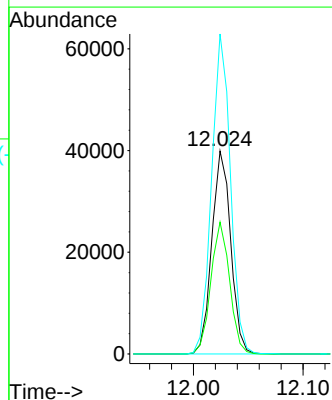
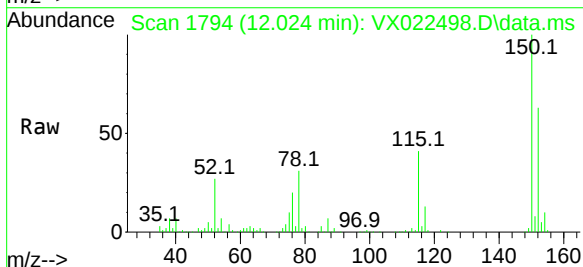
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

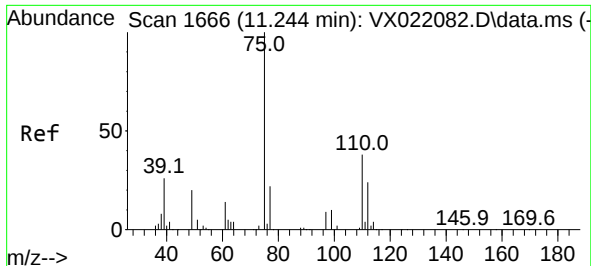
Tgt Ion:117 Resp: 116559
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

Tgt Ion:152 Resp: 47824
Ion Ratio Lower Upper
152 100
115 64.4 41.1 123.3
150 157.1 0.0 349.0

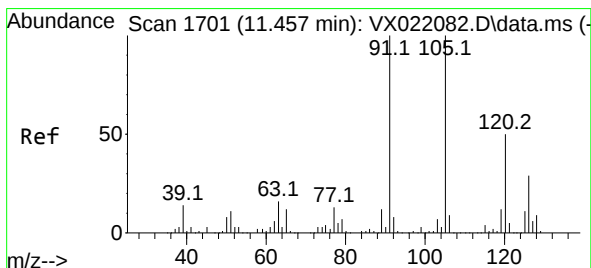
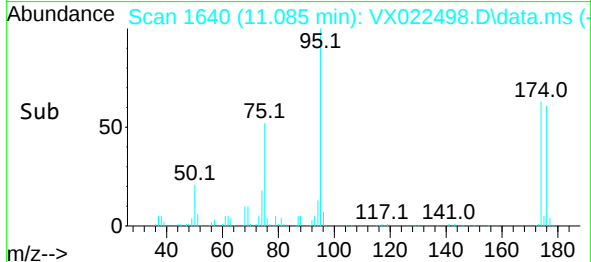
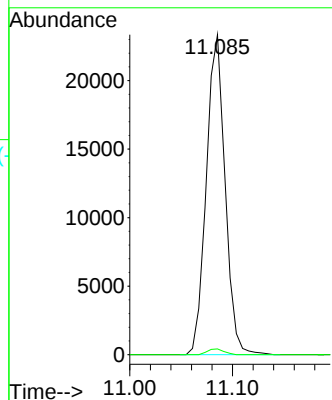
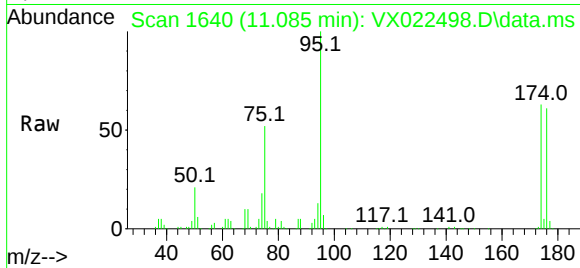




#76
1,2,3-Trichloropropane
Concen: 25.156 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

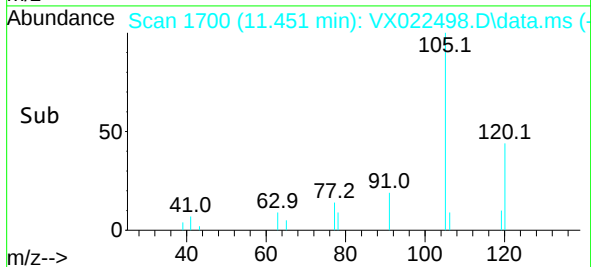
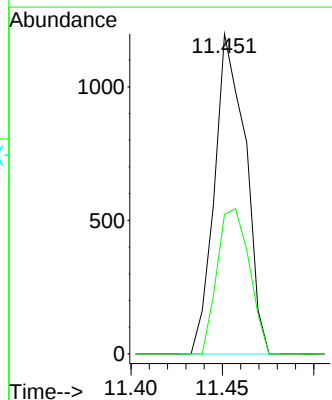
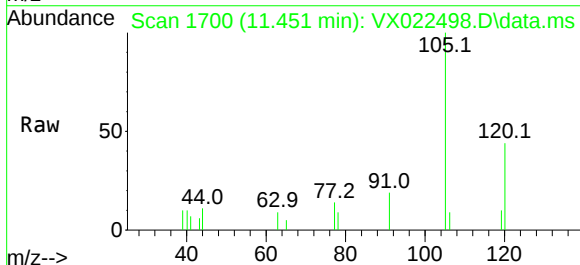
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#07

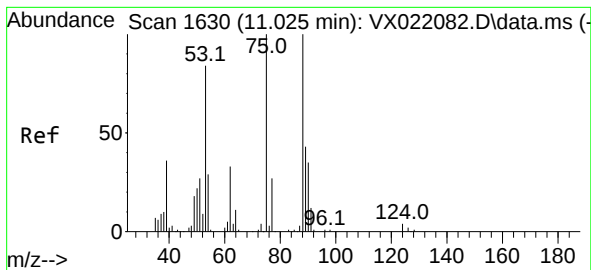
Tgt Ion: 75 Resp: 29680
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.420 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022498.D
Acq: 06 Jun 2021 23:14

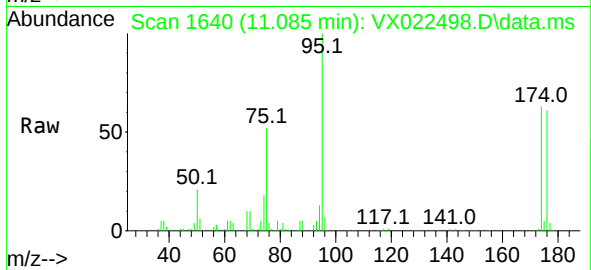
Tgt Ion: 105 Resp: 1409
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.604 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022498.D
 Acq: 06 Jun 2021 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#07



Tgt Ion: 75 Resp: 29680
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

