

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022508.D
 Acq On : 07 Jun 2021 03:56
 Operator : JC/MD
 Sample : PB136857ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#02

Quant Time: Jun 07 06:18:26 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)

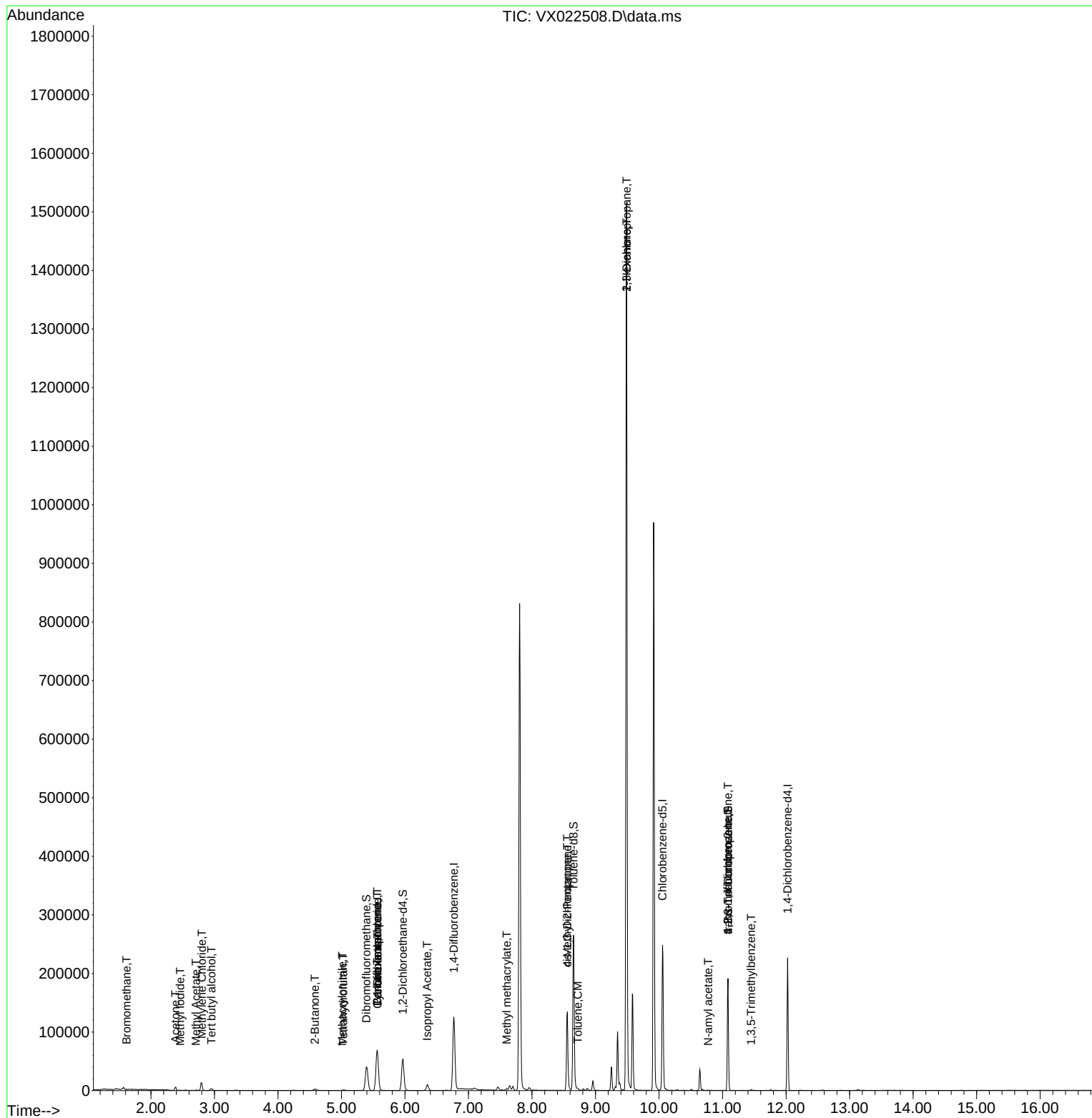
Internal Standards						
1) Pentafluorobenzene	5.562	168	58321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	119558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49139	54.621	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.240%			
35) Dibromofluoromethane	5.391	113	34900	46.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.060%			
50) Toluene-d8	8.653	98	150298	51.461	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.085	95	50359	46.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.300%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	155	0.329	ug/l #	38
10) Methyl Iodide	2.459	142	268	0.361	ug/l #	66
11) Tert butyl alcohol	2.953	59	1971	9.579	ug/l #	73
16) Acetone	2.386	43	6121	15.626	ug/l	93
18) Methyl Acetate	2.709	43	1125	1.080	ug/l #	64
20) Methylene Chloride	2.800	84	5855	6.732	ug/l	93
25) 2-Butanone	4.580	43	2608	4.115	ug/l	92
29) Tetrahydrofuran	5.026	42	334	0.885	ug/l #	44
31) Cyclohexane	5.568	56	1908	1.688	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	5821	5.265	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6603	6.106	ug/l #	19
41) Methacrylonitrile	5.013	41	205	0.283	ug/l #	43
43) Isopropyl Acetate	6.348	43	12981	5.856	ug/l	97
48) Methyl methacrylate	7.604	41	4060	3.974	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	47144	35.504	ug/l #	44
52) Toluene	8.720	92	639	0.297	ug/l	76
54) cis-1,3-Dichloropropene	8.555	75	21752	14.879	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	12841	8.600	ug/l #	42
59) 2-Hexanone	9.488	43	177198	177.433	ug/l #	44
74) N-amyl acetate	10.775	43	567	0.363	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	27443	28.643	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	833	0.306	ug/l	67
81) trans-1,4-Dichloro-2-b...	11.085	75	27443	67.865	ug/l #	12

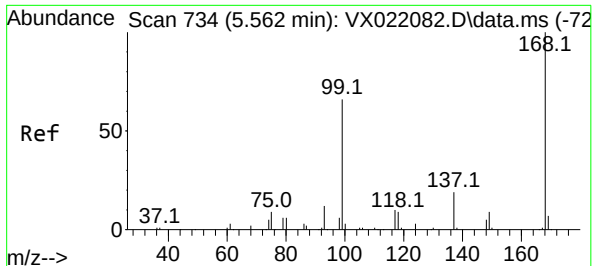
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
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Sample : PB136857ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

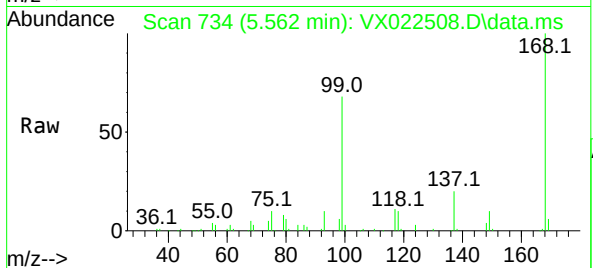
Quant Time: Jun 07 06:18:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



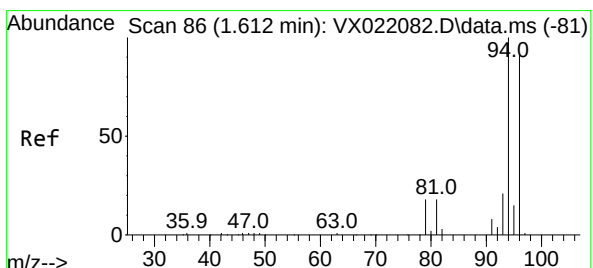
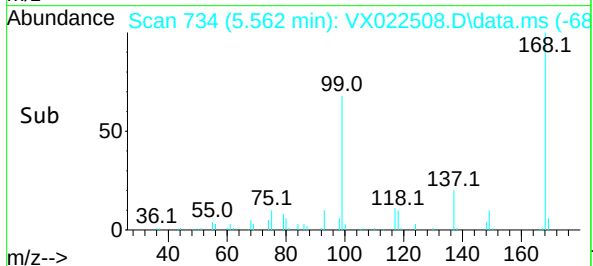
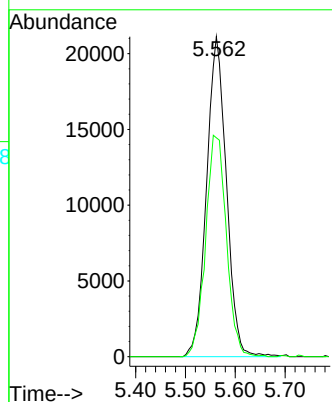


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

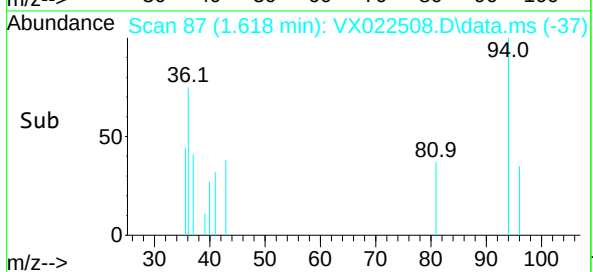
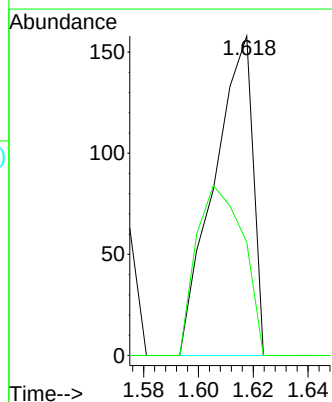
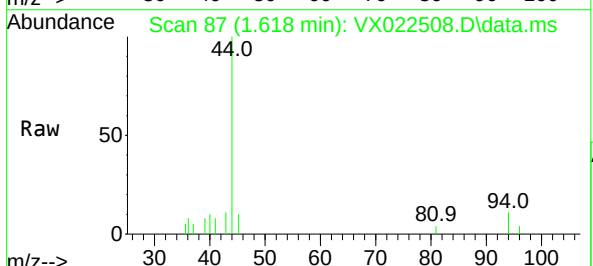


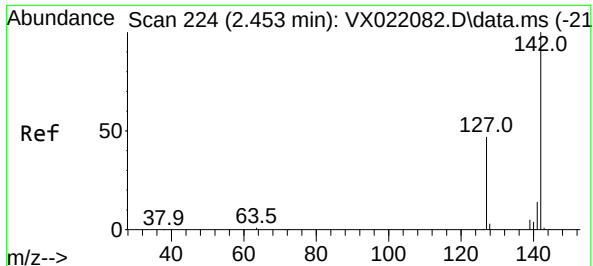
Tgt Ion:168 Resp: 58321
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#5
Bromomethane
Concen: 0.329 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 35.4 76.4 114.6#

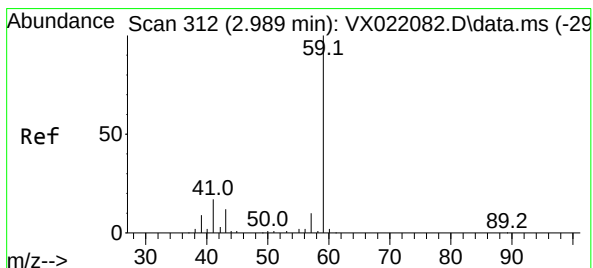
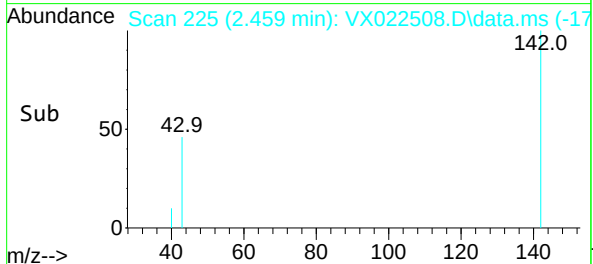
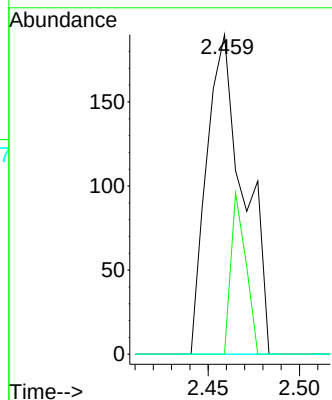
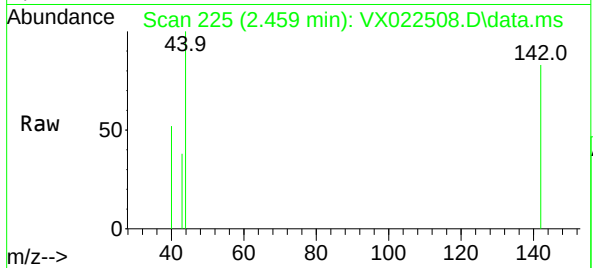




#10
Methyl Iodide
Concen: 0.361 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

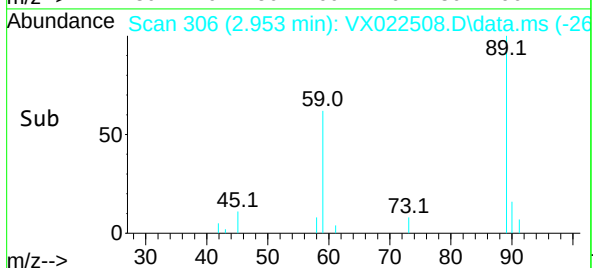
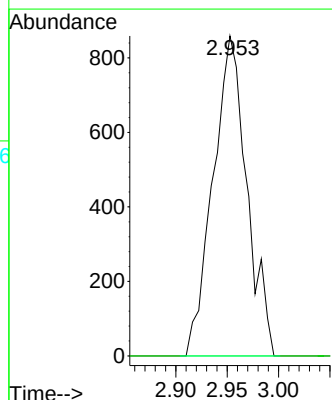
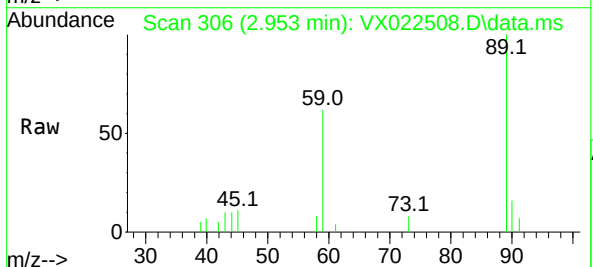
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

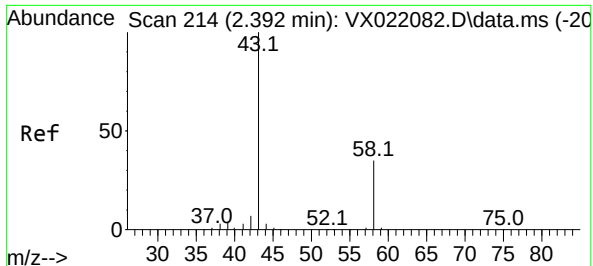
Tgt Ion:142 Resp: 268
Ion Ratio Lower Upper
142 100
127 20.1 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 9.579 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 59 Resp: 1971
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

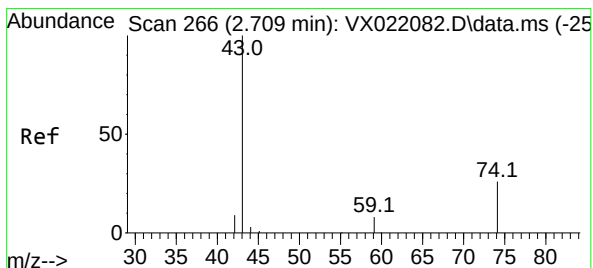
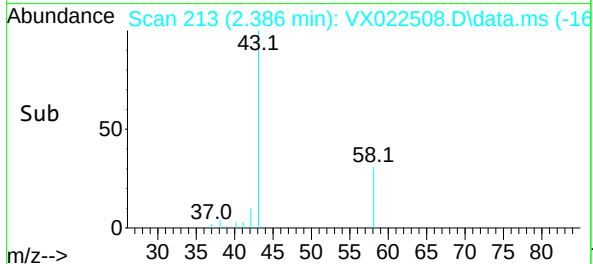
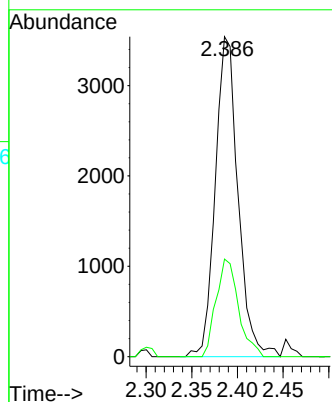
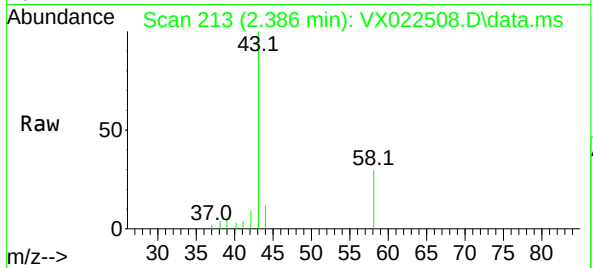




#16
Acetone
Concen: 15.626 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

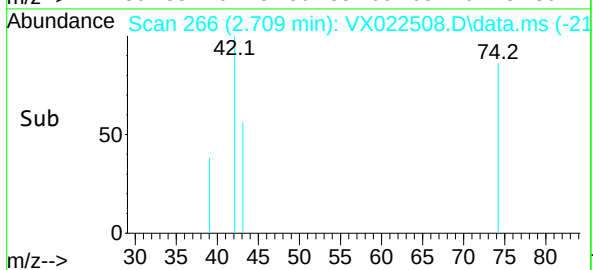
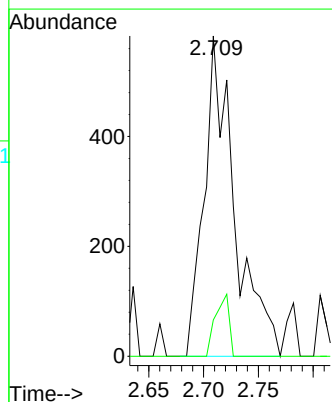
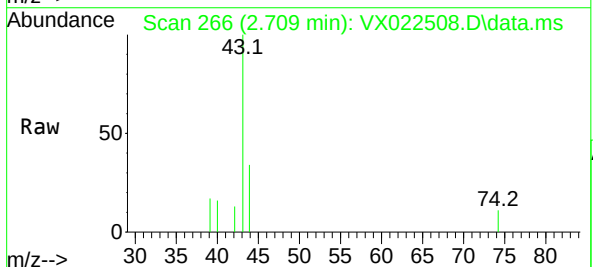
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

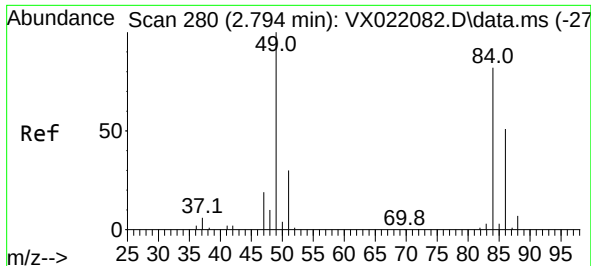
Tgt Ion: 43 Resp: 6121
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



#18
Methyl Acetate
Concen: 1.080 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
74 8.7 21.9 32.9#





#20

Methylene Chloride

Concen: 6.732 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022508.D

Acq: 07 Jun 2021 03:56

Tgt Ion: 84 Resp: 5855

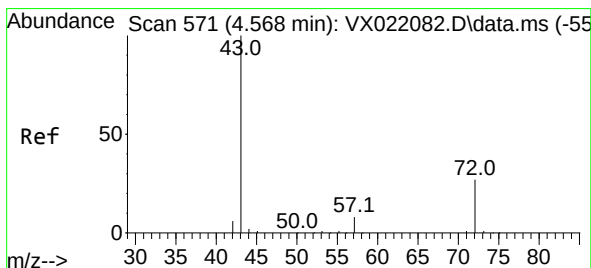
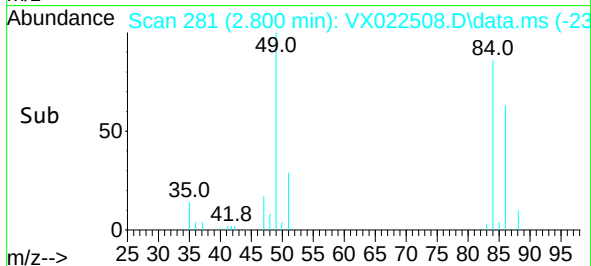
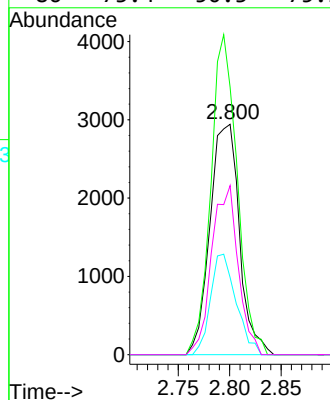
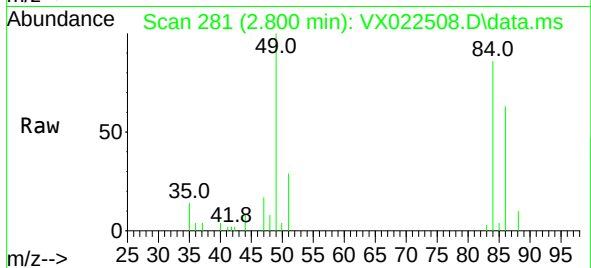
Ion Ratio Lower Upper

84 100

49 116.0 88.6 132.8

51 33.5 27.0 40.6

86 73.4 50.3 75.5



#25

2-Butanone

Concen: 4.115 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX022508.D

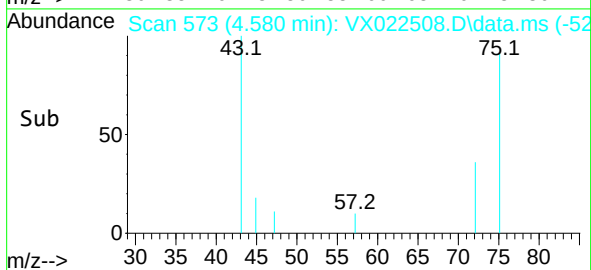
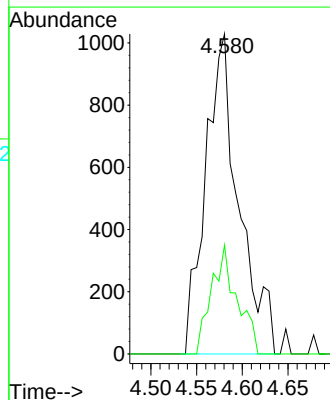
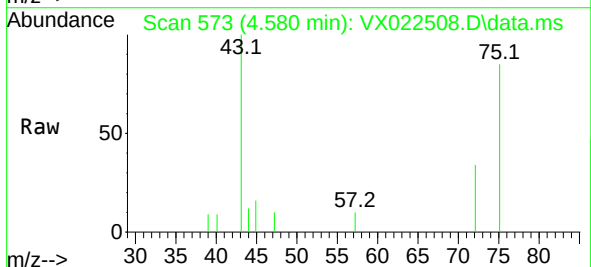
Acq: 07 Jun 2021 03:56

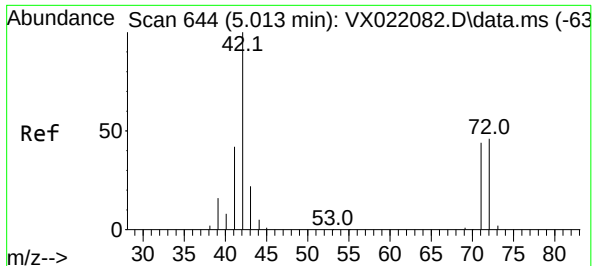
Tgt Ion: 43 Resp: 2608

Ion Ratio Lower Upper

43 100

72 34.0 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.885 ug/l

RT: 5.026 min Scan# 646

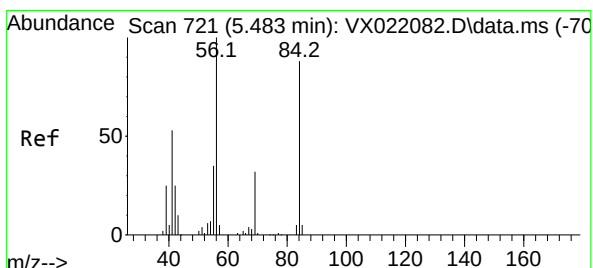
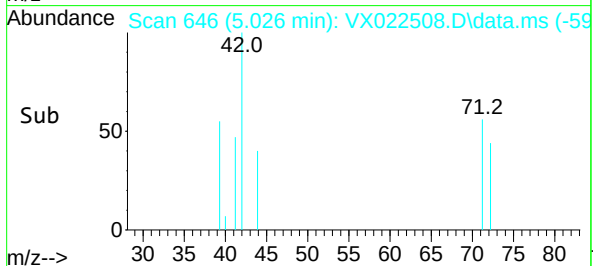
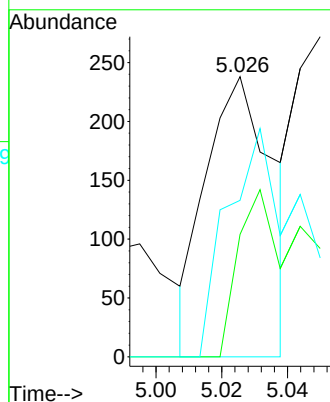
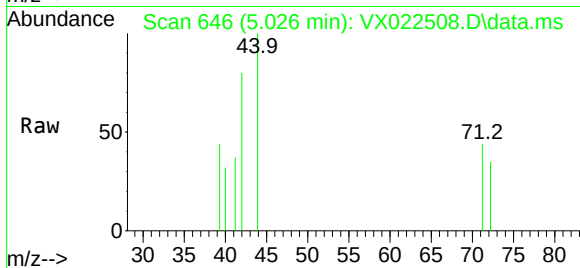
Delta R.T. 0.013 min

Lab File: VX022508.D

Acq: 07 Jun 2021 03:56

Tgt Ion:	42	Resp:	334
Ion	Ratio	Lower	Upper
42	100		
72	66.2	41.7	62.5#
71	112.9	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02



#31

Cyclohexane

Concen: 1.688 ug/l

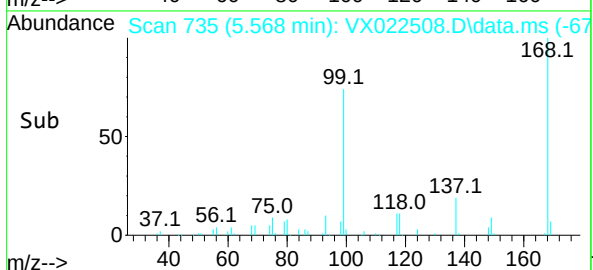
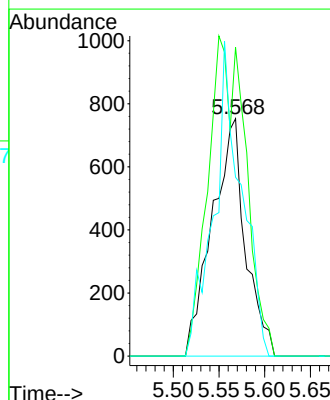
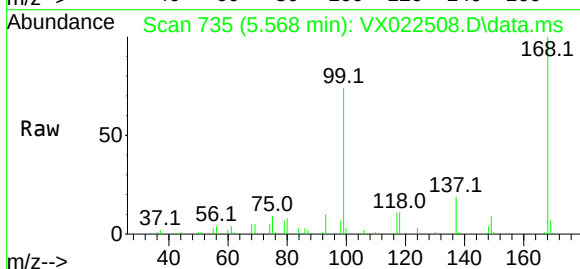
RT: 5.568 min Scan# 735

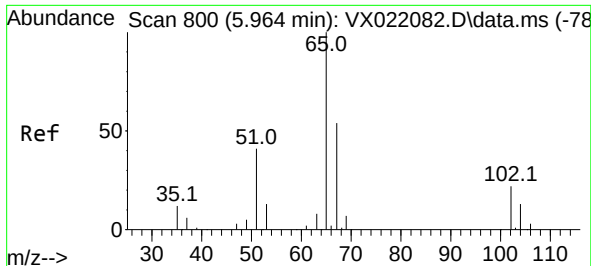
Delta R.T. 0.085 min

Lab File: VX022508.D

Acq: 07 Jun 2021 03:56

Tgt Ion:	56	Resp:	1908
Ion	Ratio	Lower	Upper
56	100		
69	130.0	25.3	37.9#
84	75.3	71.4	107.0

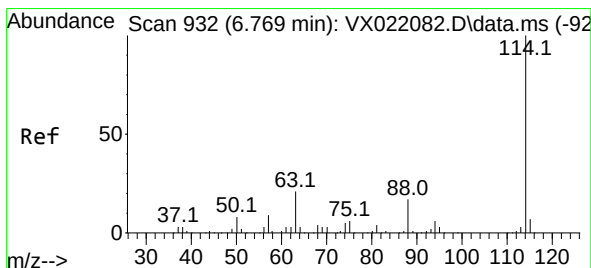
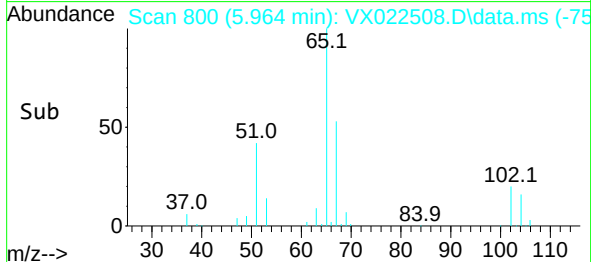
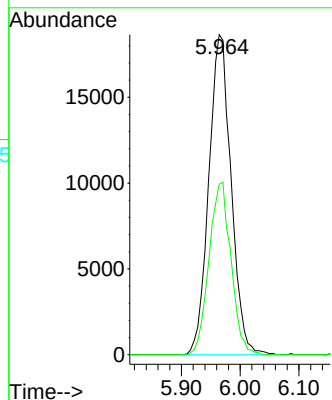
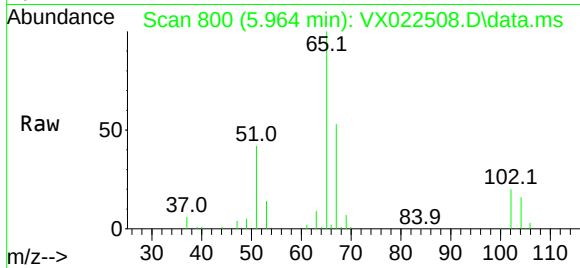




#33
1,2-Dichloroethane-d4
Concen: 54.621 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

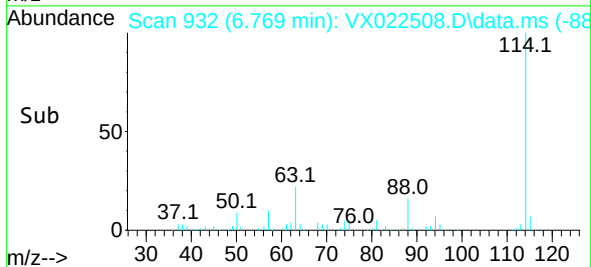
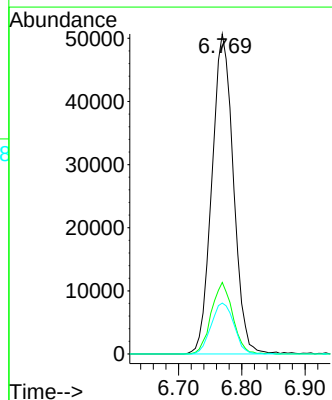
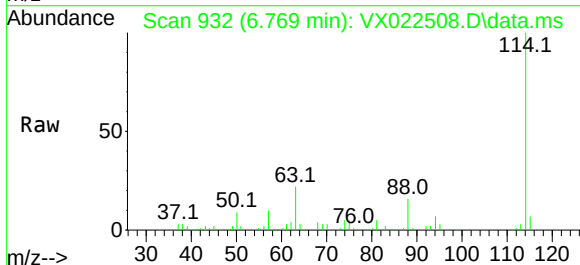
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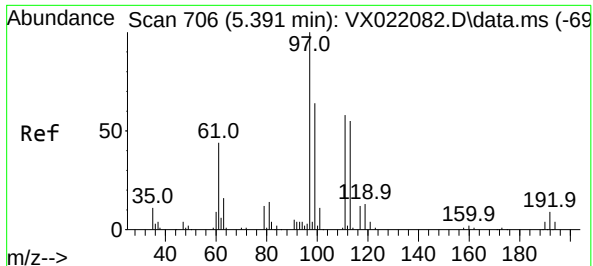
Tgt Ion: 65 Resp: 49139
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 114 Resp: 119558
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 15.9 0.0 32.8

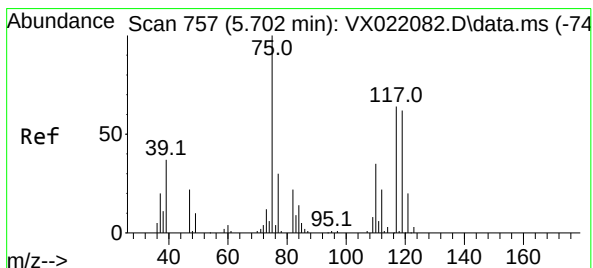
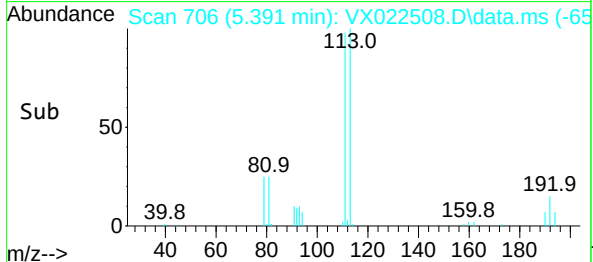
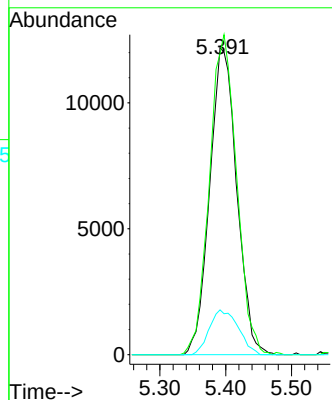
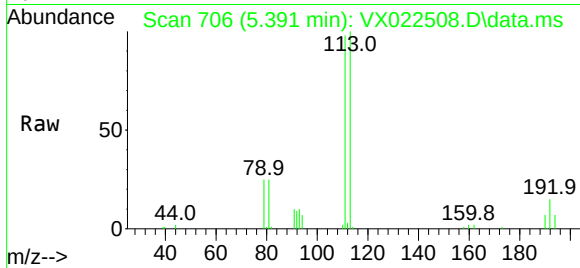




#35
Dibromofluoromethane
Concen: 46.031 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

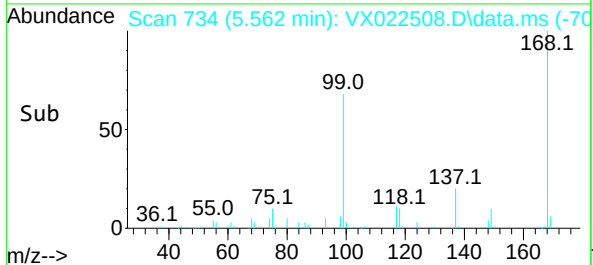
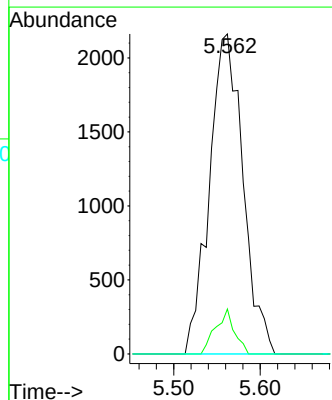
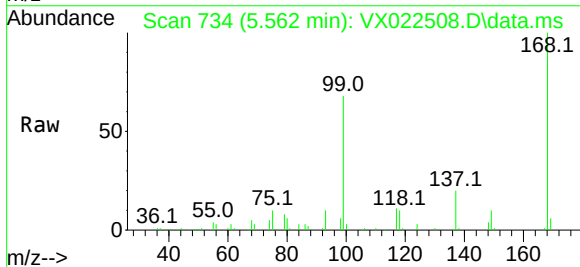
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

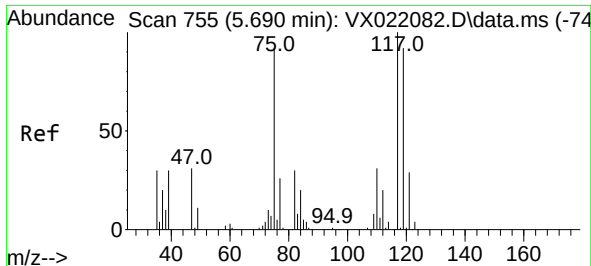
Tgt Ion:113 Resp: 34900
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 15.6 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.265 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

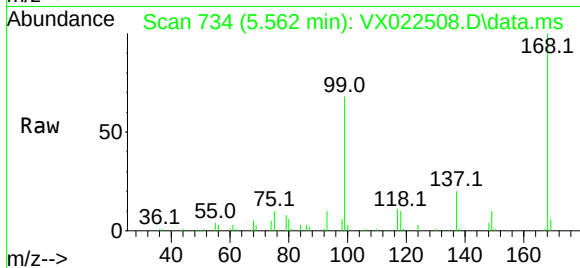
Tgt Ion: 75 Resp: 5821
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



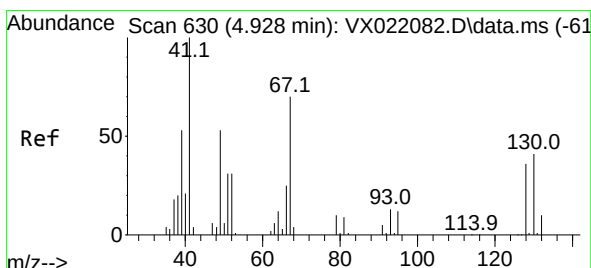
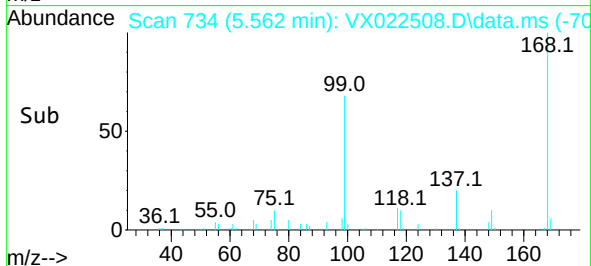
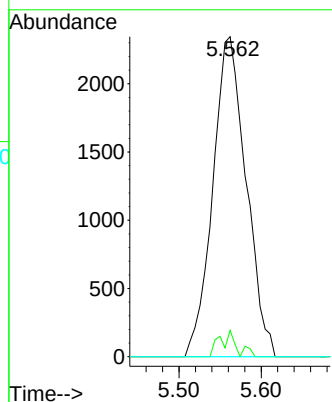


#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

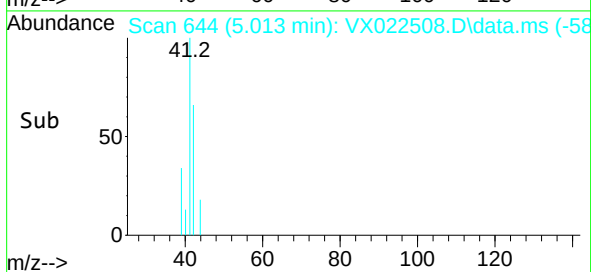
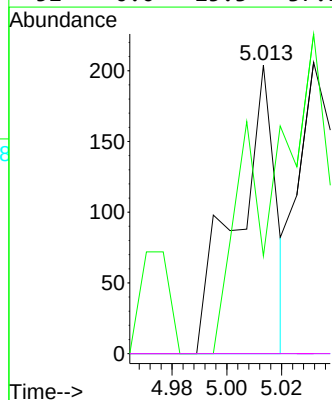
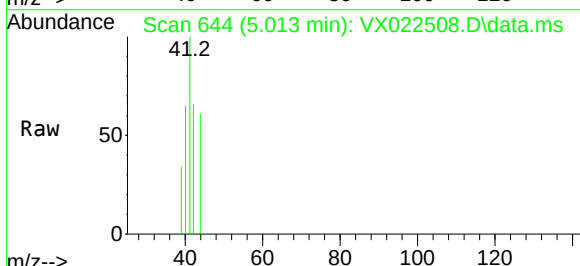


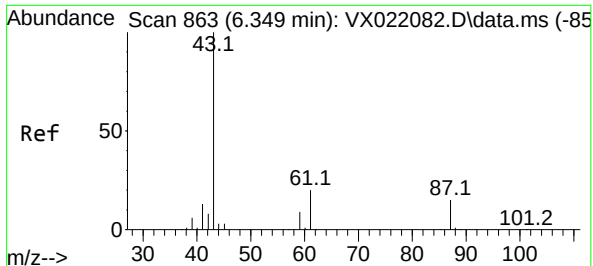
Tgt Ion:117 Resp: 6603
Ion Ratio Lower Upper
117 100
119 8.2 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.283 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 41 Resp: 205
Ion Ratio Lower Upper
41 100
39 55.6 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

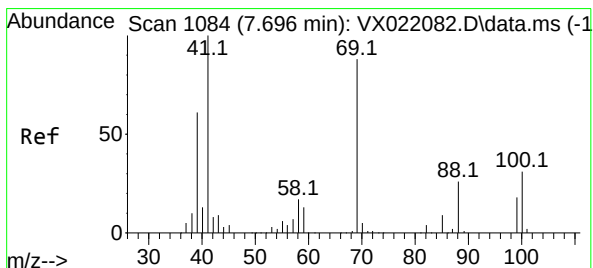
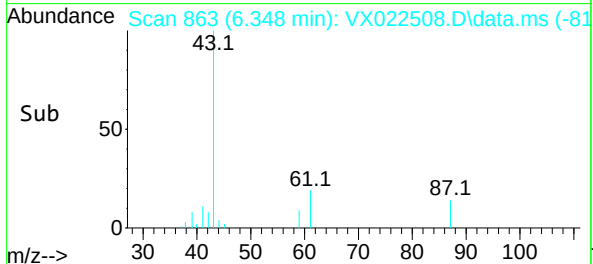
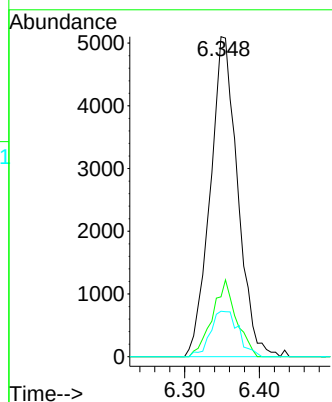
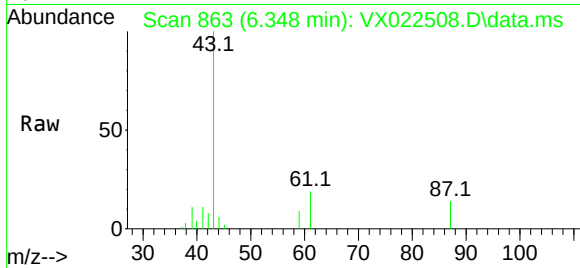




#43
Isopropyl Acetate
Concen: 5.856 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

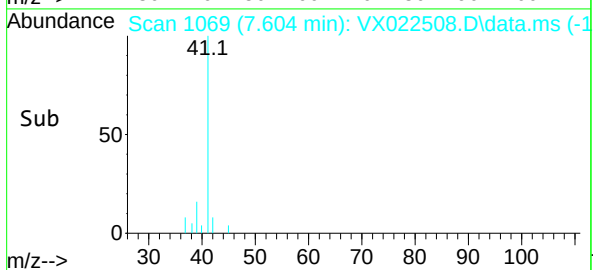
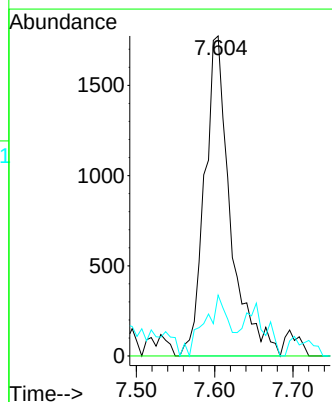
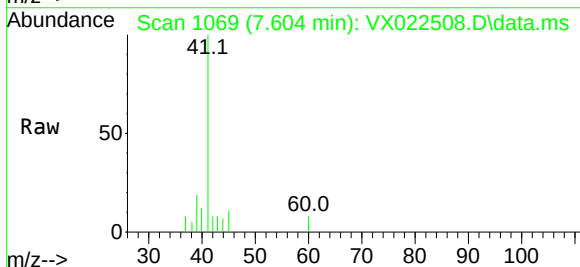
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

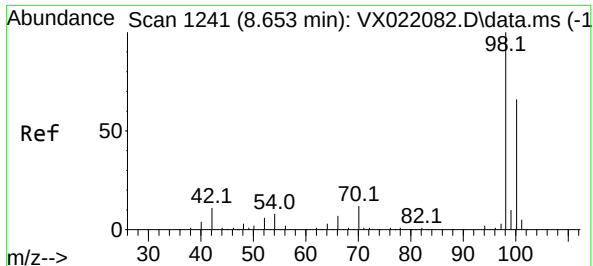
Tgt Ion:	43	Resp:	12981
Ion	Ratio	Lower	Upper
43	100		
61	20.9	18.2	27.4
87	14.6	12.5	18.7



#48
Methyl methacrylate
Concen: 3.974 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion:	41	Resp:	4060
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

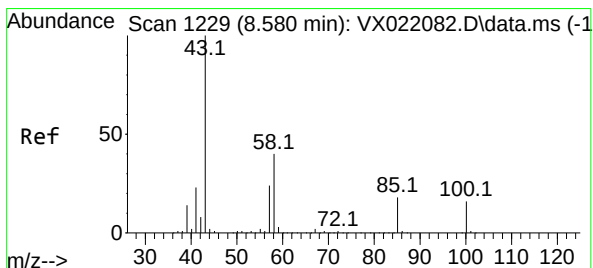
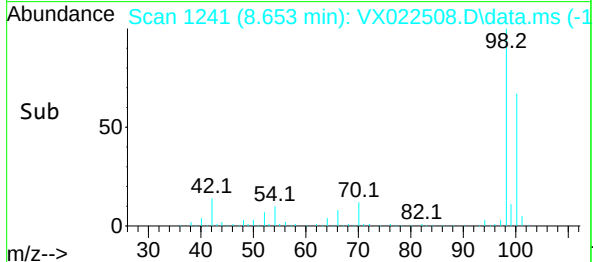
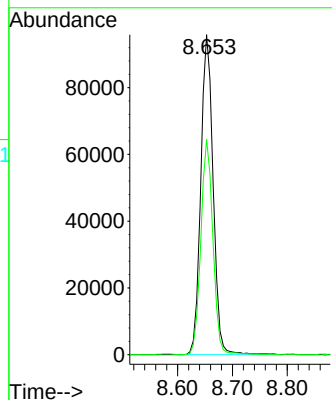
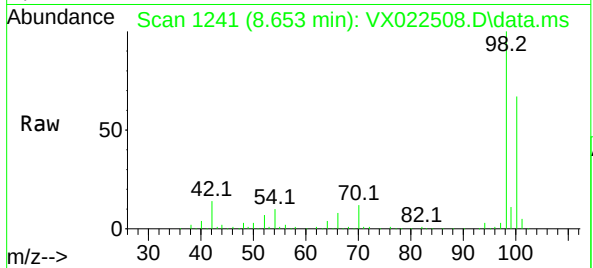




#50
Toluene-d8
Concen: 51.461 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

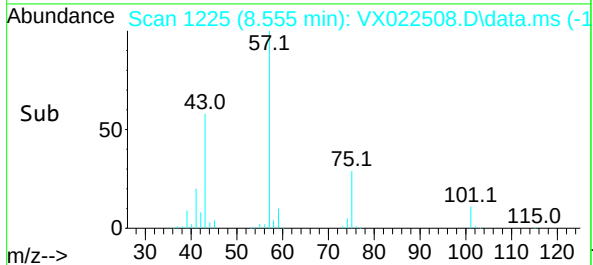
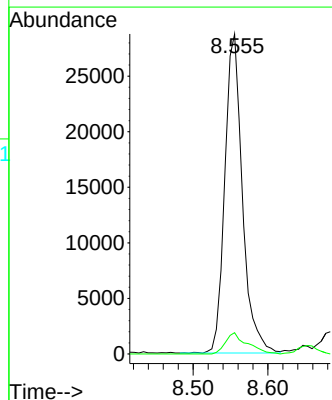
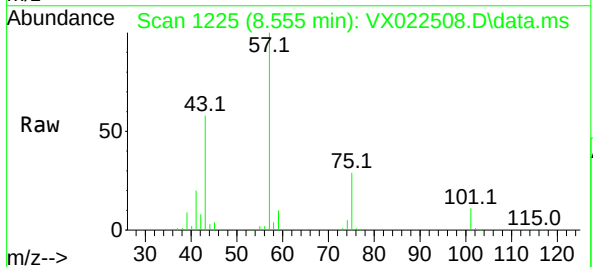
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

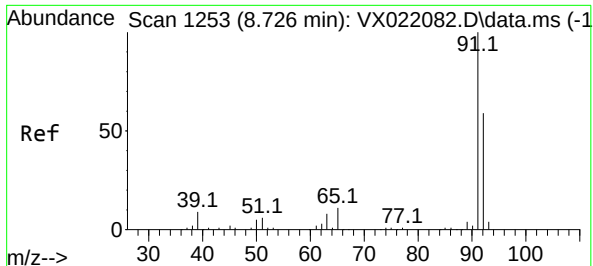
Tgt Ion: 98 Resp: 150298
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 35.504 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 43 Resp: 47144
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#

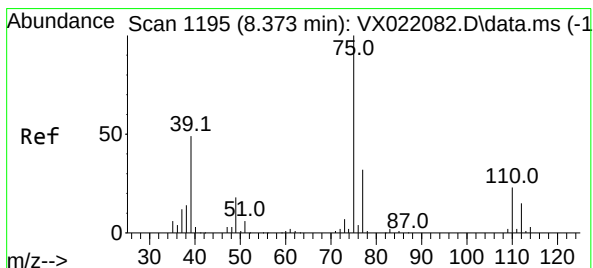
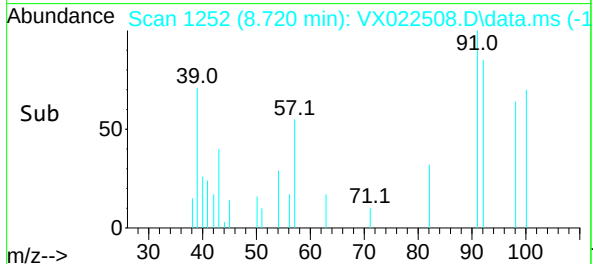
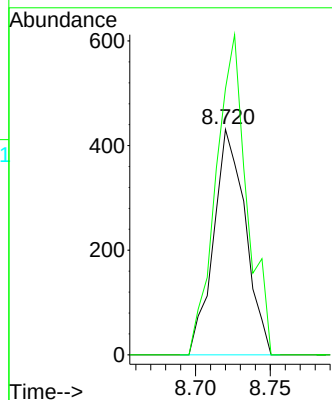
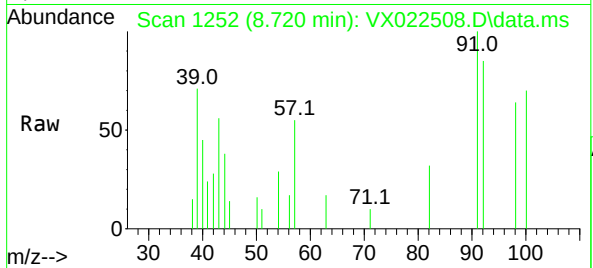




#52
Toluene
Concen: 0.297 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

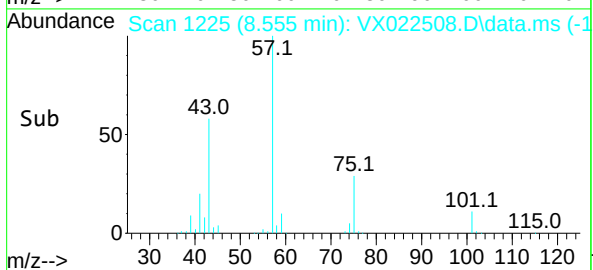
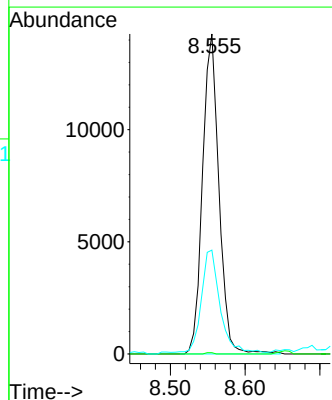
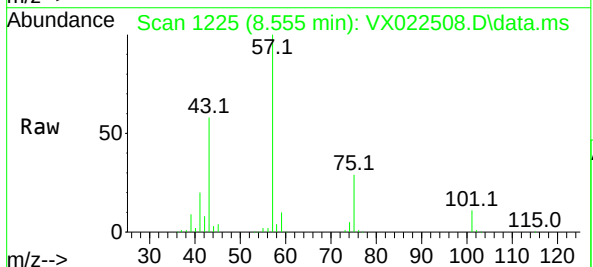
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

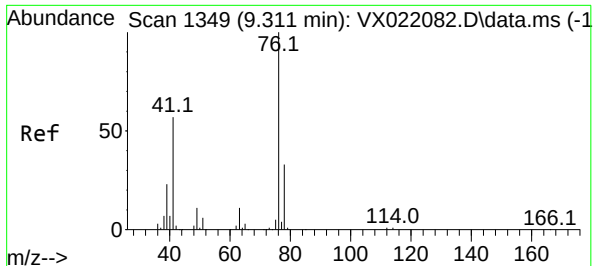
Tgt Ion: 92 Resp: 639
Ion Ratio Lower Upper
92 100
91 138.0 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.879 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 75 Resp: 21752
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 31.8 35.1 52.7#



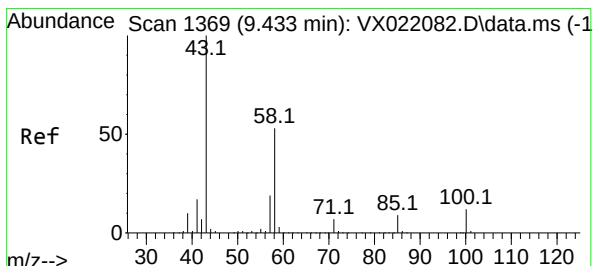
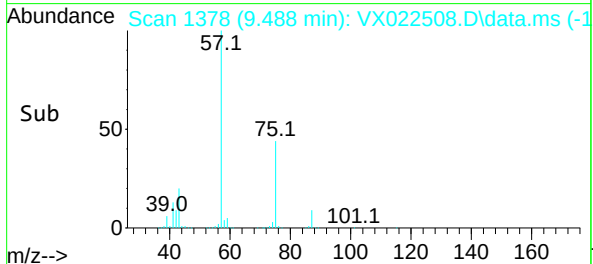
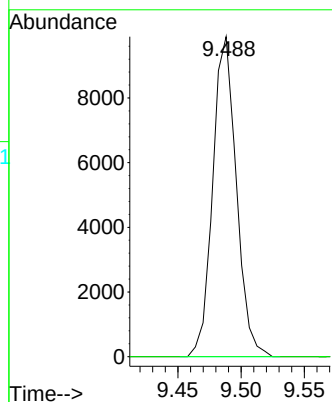
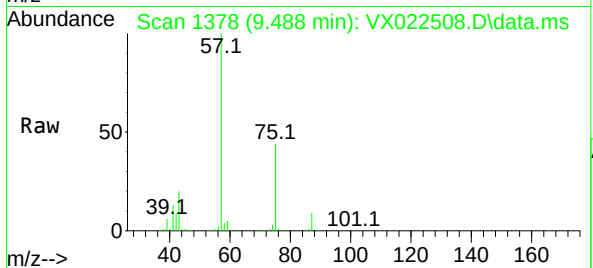


#57

1,3-Dichloropropane
Concen: 8.600 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

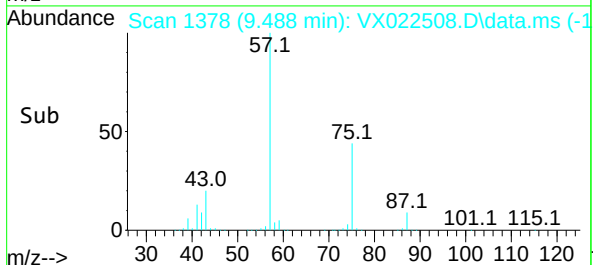
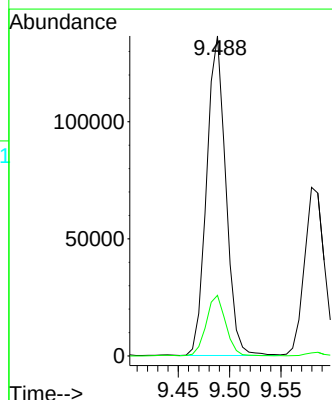
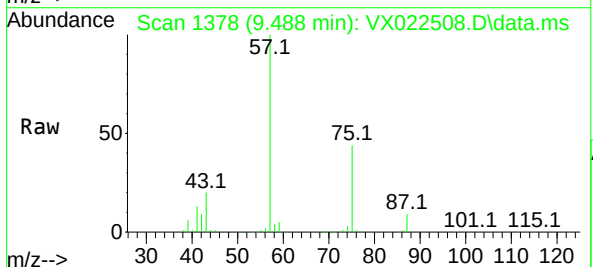
Tgt Ion: 76 Resp: 12841
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

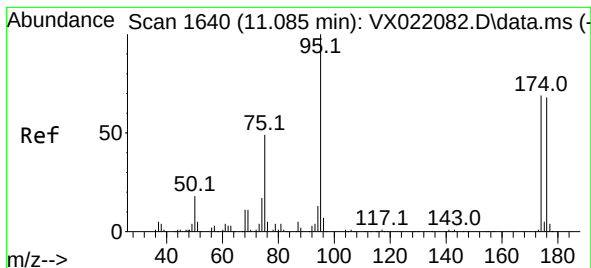


#59

2-Hexanone
Concen: 177.433 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 43 Resp: 177198
Ion Ratio Lower Upper
43 100
58 19.2 30.9 92.8#

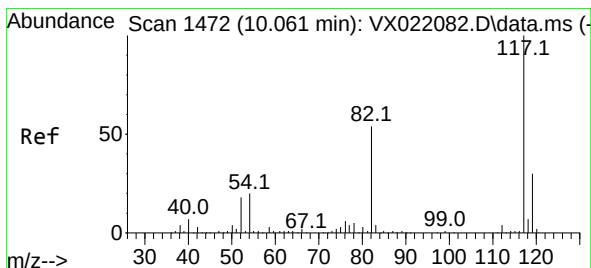
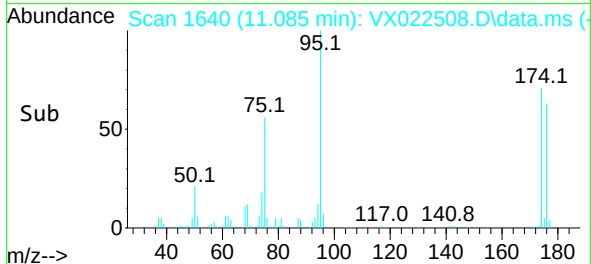
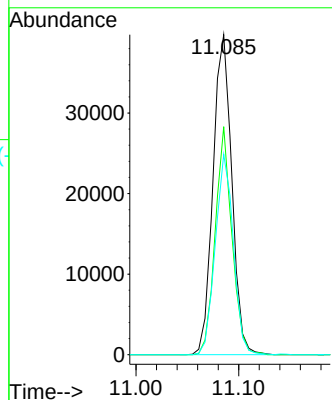
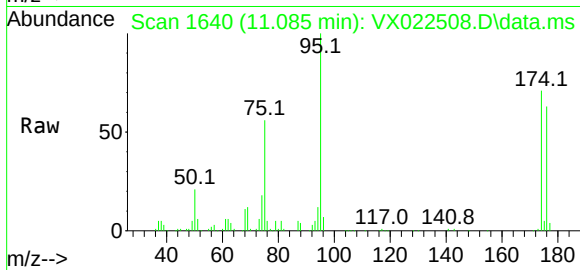




#62
4-Bromofluorobenzene
Concen: 46.650 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

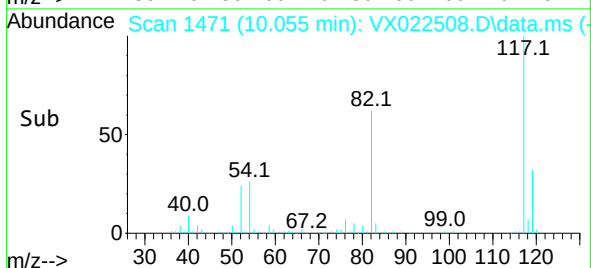
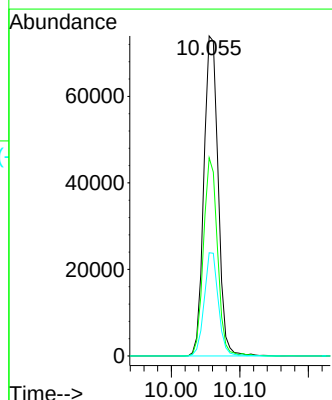
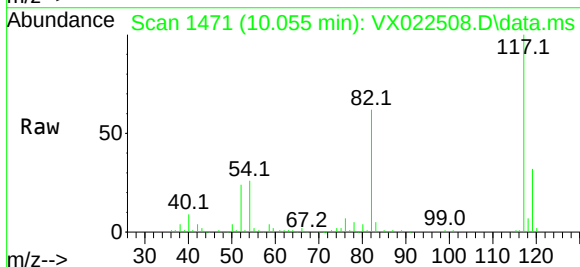
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

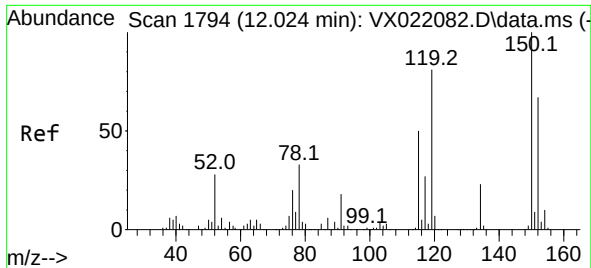
Tgt Ion: 95 Resp: 50359
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 60.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 117 Resp: 107605
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.2 26.6 39.8

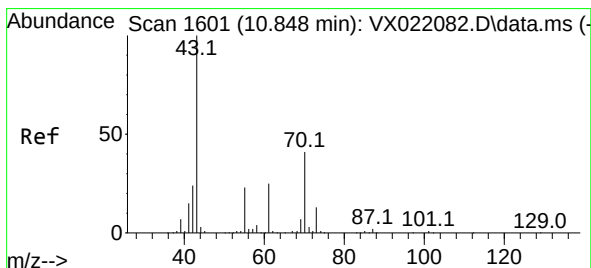
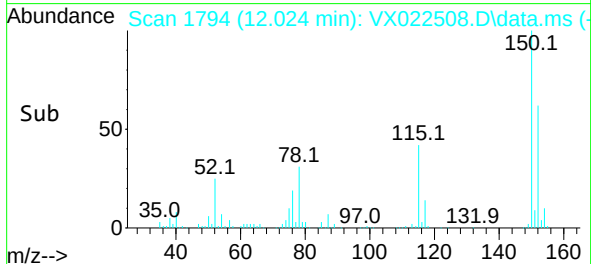
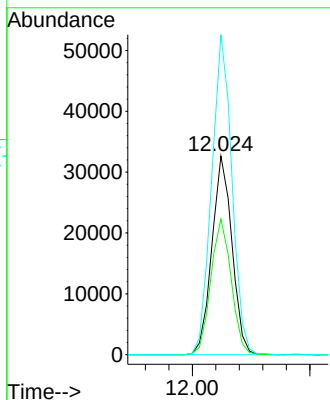
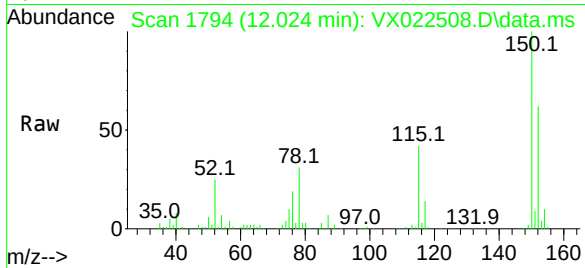




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

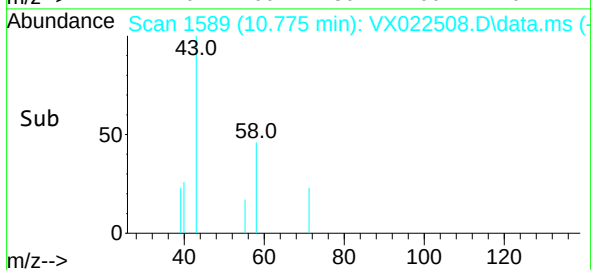
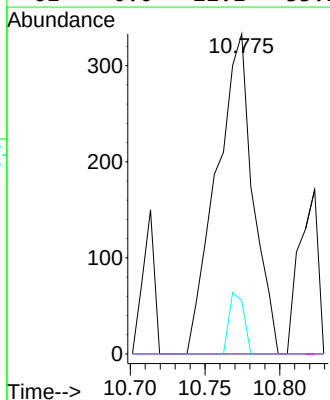
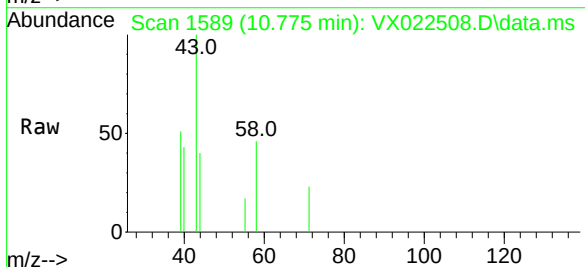
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

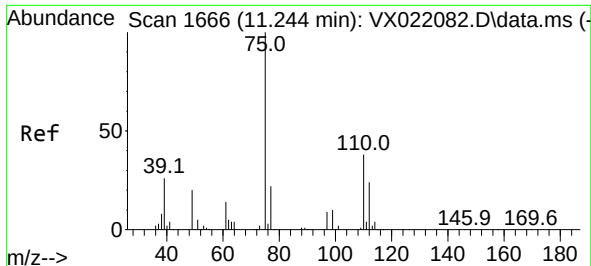
Tgt Ion:152 Resp: 38837
Ion Ratio Lower Upper
152 100
115 69.0 41.1 123.3
150 162.3 0.0 349.0



#74
N-ethyl acetate
Concen: 0.363 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 7.8 21.5 32.3#
61 0.0 22.1 33.1#

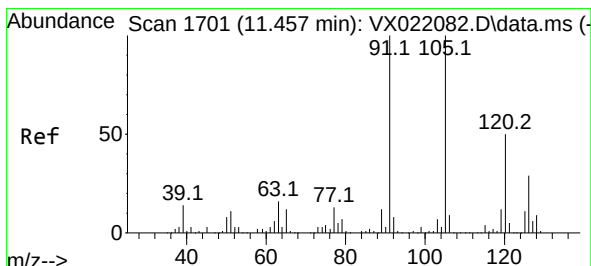
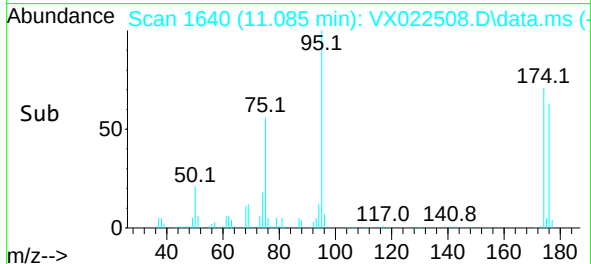
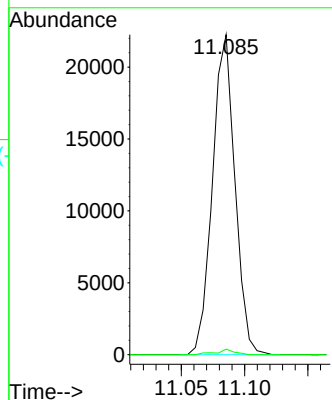
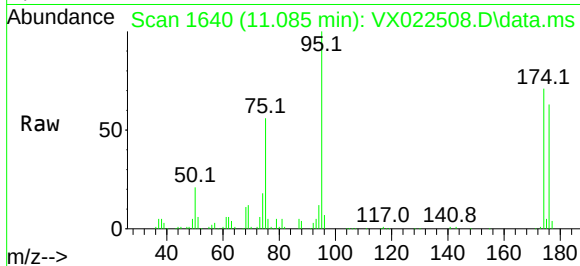




#76
1,2,3-Trichloropropane
Concen: 28.643 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

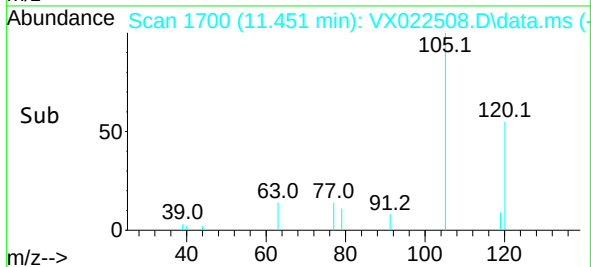
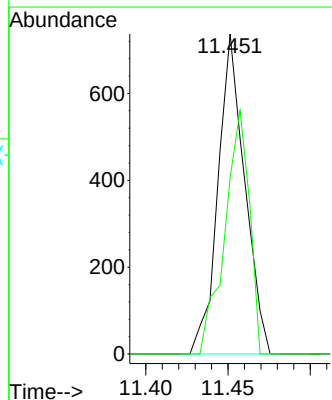
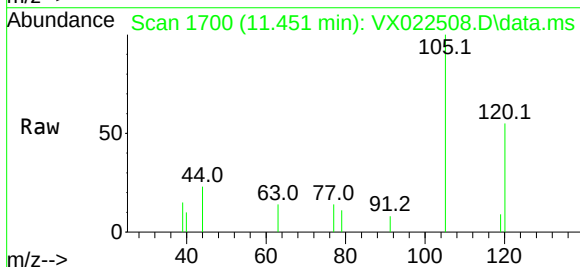
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#02

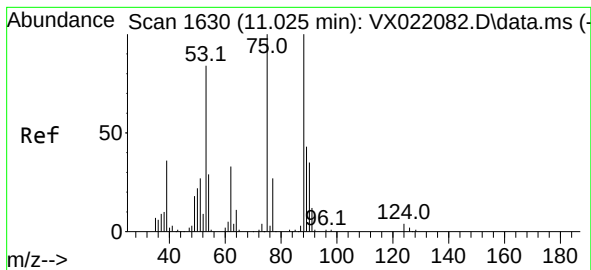
Tgt Ion: 75 Resp: 27443
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.306 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022508.D
Acq: 07 Jun 2021 03:56

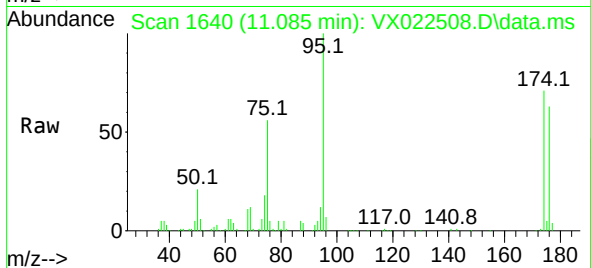
Tgt Ion:105 Resp: 833
Ion Ratio Lower Upper
105 100
120 70.0 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.865 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022508.D
 Acq: 07 Jun 2021 03:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#02



Tgt Ion: 75 Resp: 27443
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

