

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022519.D
 Acq On : 07 Jun 2021 08:14
 Operator : JC/MD
 Sample : PB136857ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#13

Quant Time: Jun 07 08:36:13 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)

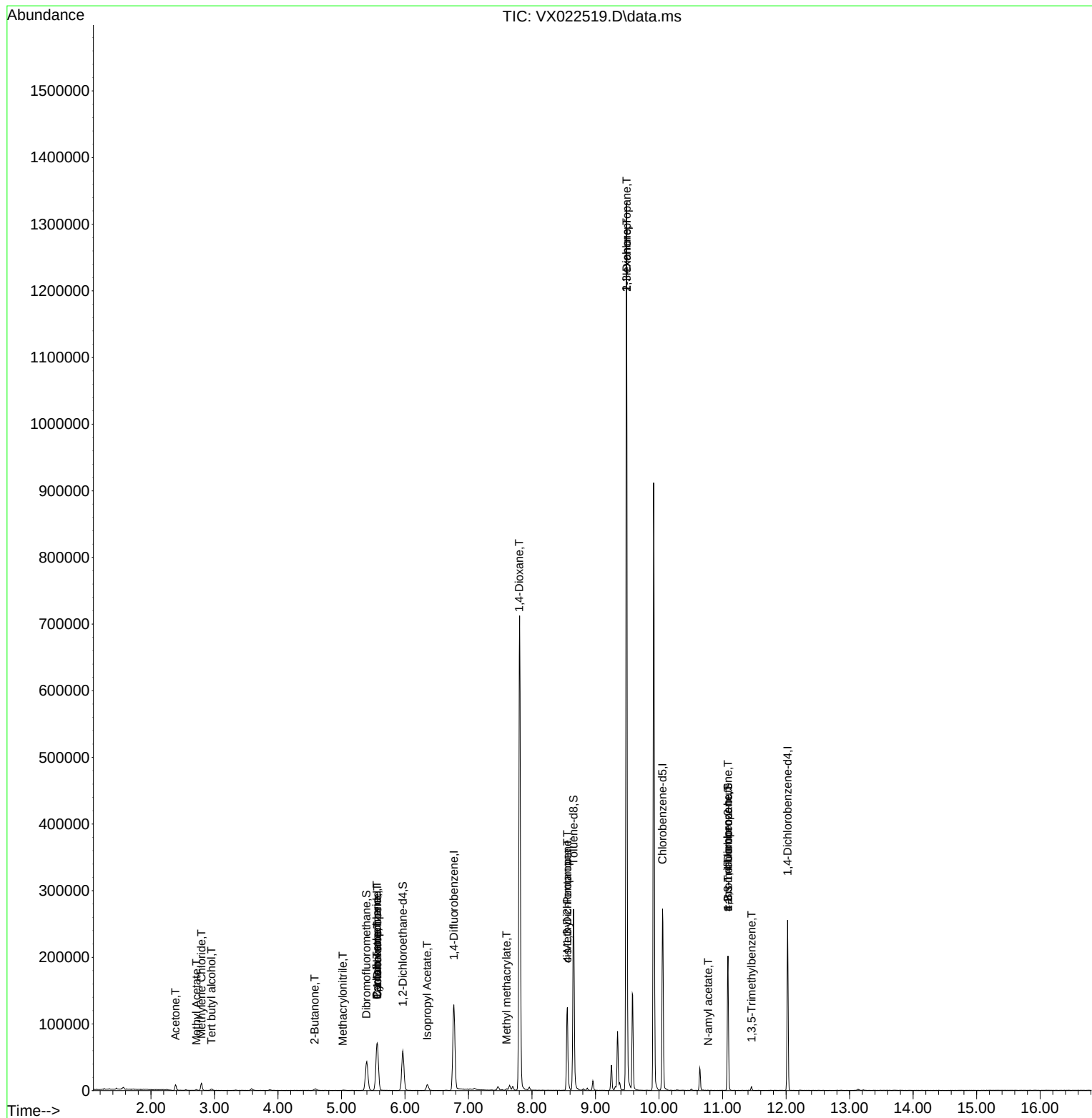
Internal Standards						
1) Pentafluorobenzene	5.556	168	61290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51837	54.828	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.660%
35) Dibromofluoromethane	5.391	113	36668	46.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	8.653	98	156203	51.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.200%
62) 4-Bromofluorobenzene	11.085	95	54885	48.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1507	6.969	ug/l #	73
16) Acetone	2.386	43	8773	21.311	ug/l	93
18) Methyl Acetate	2.715	43	1467	1.340	ug/l	94
20) Methylene Chloride	2.794	84	4437	4.854	ug/l	93
25) 2-Butanone	4.574	43	1733	2.602	ug/l #	75
31) Cyclohexane	5.562	56	1612	1.357	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	6090	5.263	ug/l #	45
38) Carbon Tetrachloride	5.556	117	7212	6.371	ug/l #	12
41) Methacrylonitrile	5.019	41	255	0.336	ug/l #	35
43) Isopropyl Acetate	6.348	43	12150	5.237	ug/l #	92
48) Methyl methacrylate	7.598	41	3171	2.966	ug/l #	10
49) 1,4-Dioxane	7.799	88	73	3.506	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	44583	32.078	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	20223	13.216	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	11149	7.134	ug/l #	42
59) 2-Hexanone	9.488	43	156764	149.971	ug/l #	44
74) N-amyl acetate	10.774	43	383	0.216	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	28647	26.304	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2684	0.867	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.085	75	28647	62.323	ug/l #	12

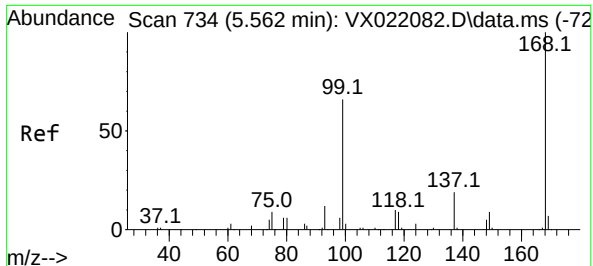
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
PB136857ZHE#13

Quant Time: Jun 07 08:36:13 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

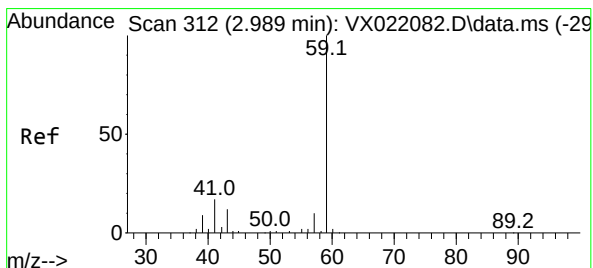
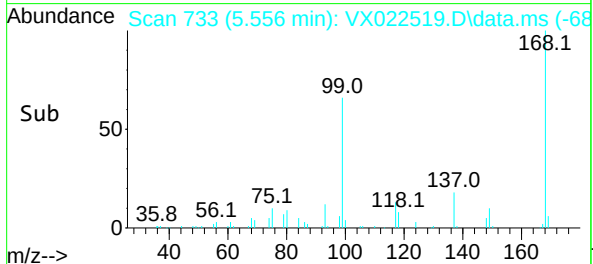
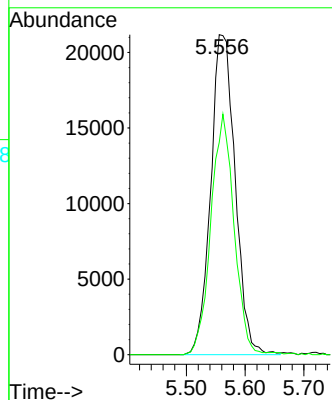
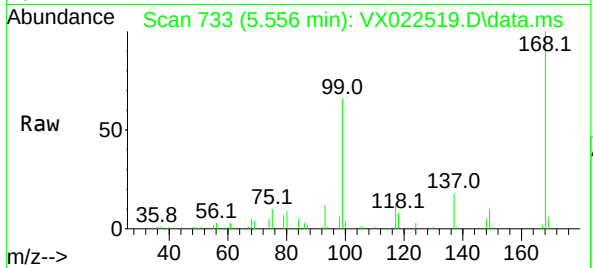




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

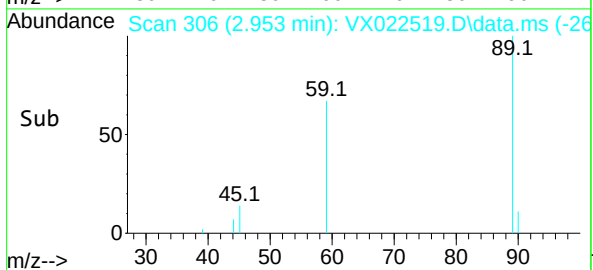
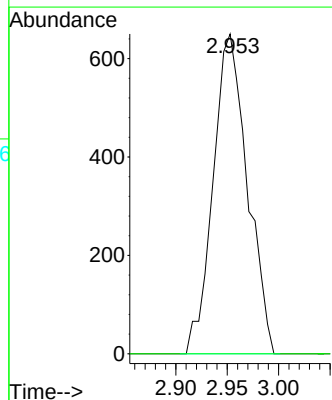
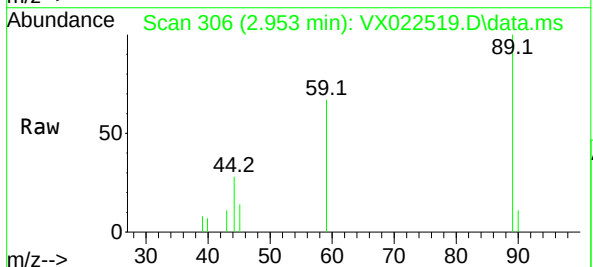
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

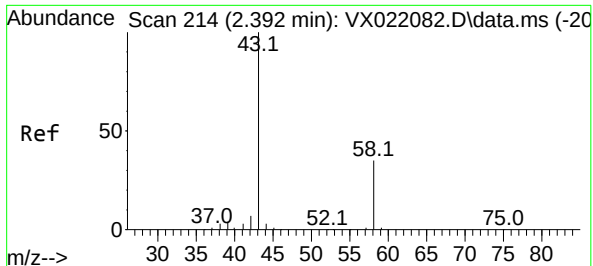
Tgt Ion:168 Resp: 61290
Ion Ratio Lower Upper
168 100
99 66.4 45.8 68.6



#11
Tert butyl alcohol
Concen: 6.969 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion: 59 Resp: 1507
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

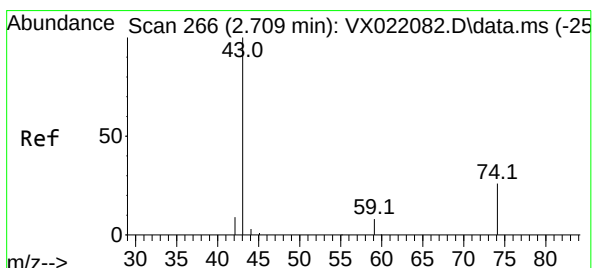
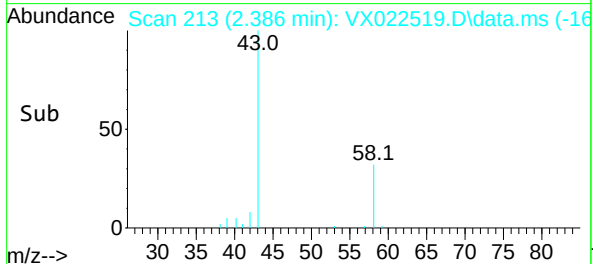
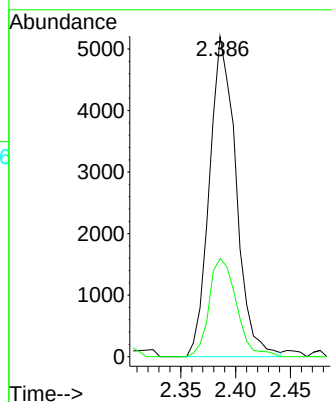
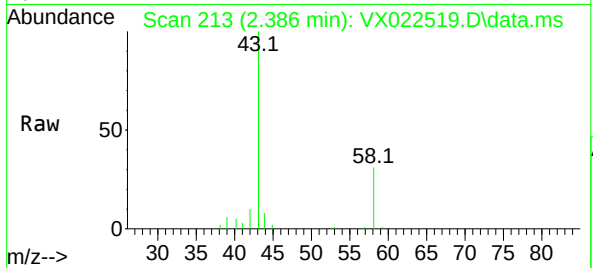




#16
Acetone
Concen: 21.311 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

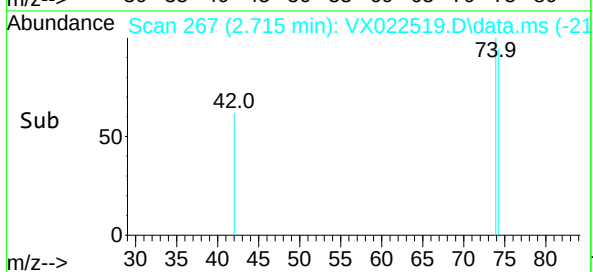
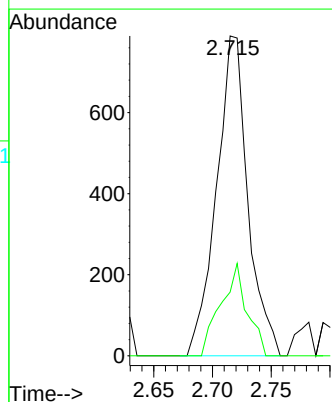
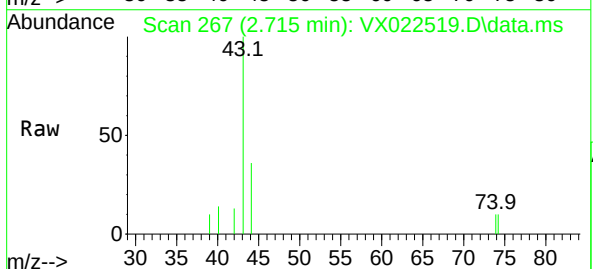
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

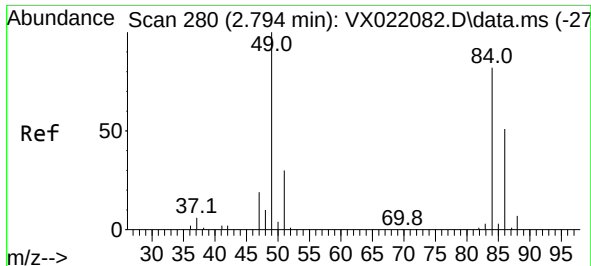
Tgt Ion: 43 Resp: 8773
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8



#18
Methyl Acetate
Concen: 1.340 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

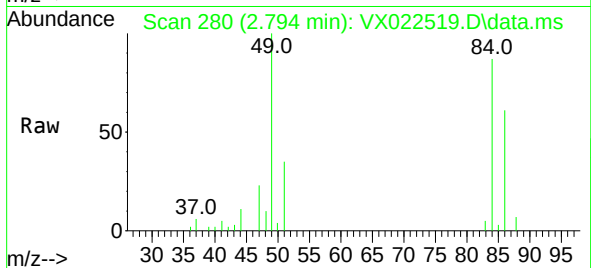
Tgt Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
74 24.1 21.9 32.9



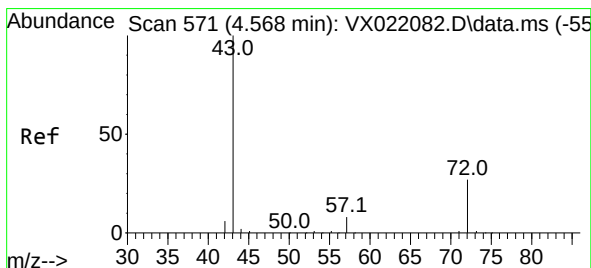
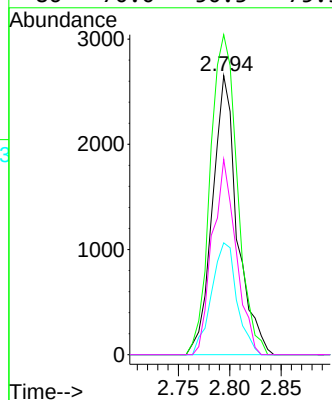


#20
Methylene Chloride
Concen: 4.854 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

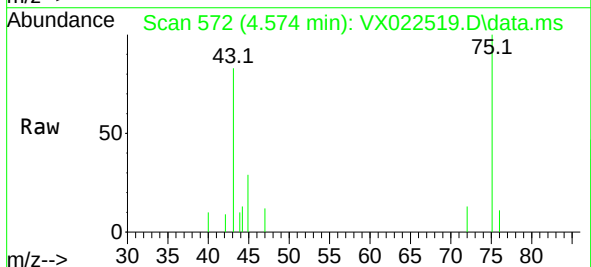
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13



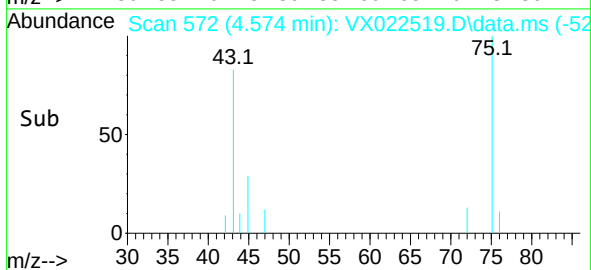
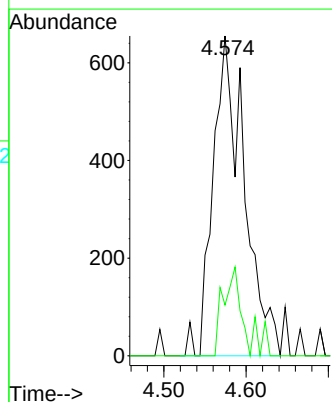
Tgt Ion: 84	Resp: 4437
Ion Ratio	Lower Upper
84 100	
49 114.7	88.6 132.8
51 40.1	27.0 40.6
86 70.0	50.3 75.5

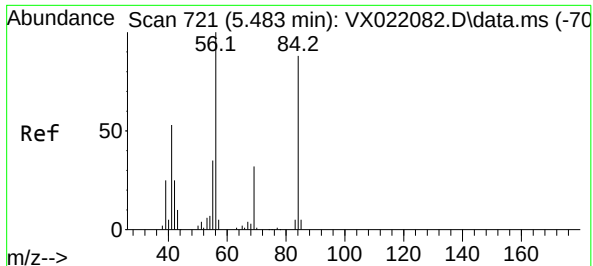


#25
2-Butanone
Concen: 2.602 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14



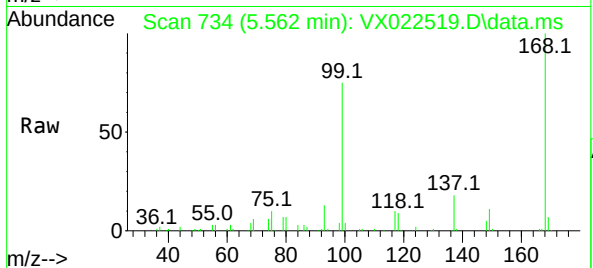
Tgt Ion: 43	Resp: 1733
Ion Ratio	Lower Upper
43 100	
72 15.9	23.7 35.5#



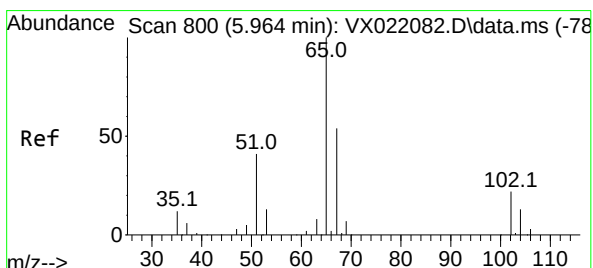
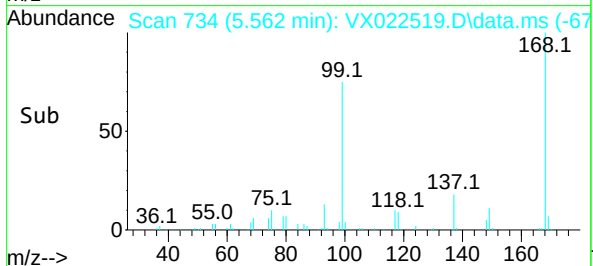
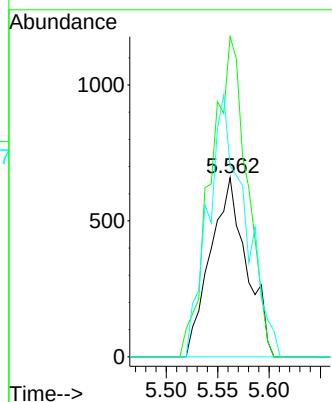


#31
Cyclohexane
Concen: 1.357 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

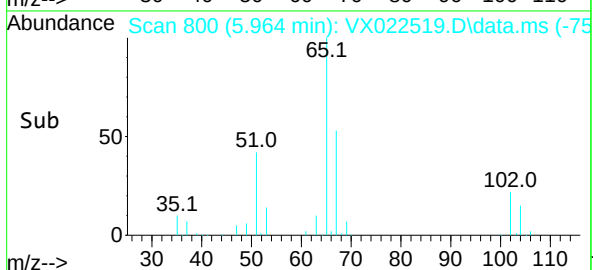
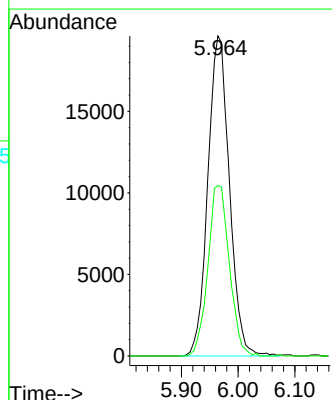
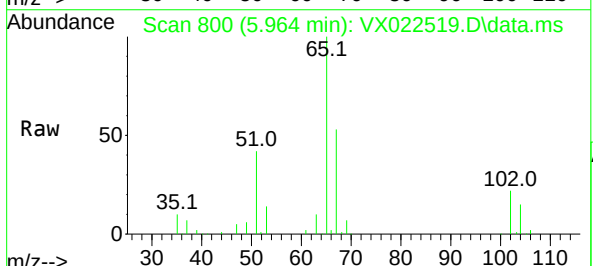


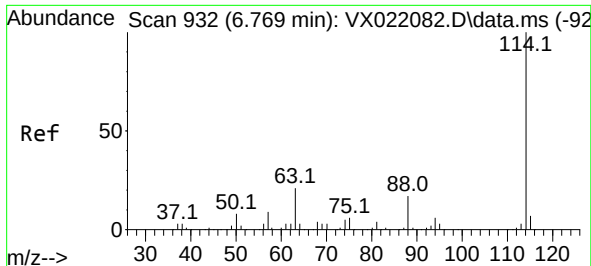
Tgt Ion: 56 Resp: 1612
Ion Ratio Lower Upper
56 100
69 178.8 25.3 37.9#
84 106.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.828 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion: 65 Resp: 51837
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

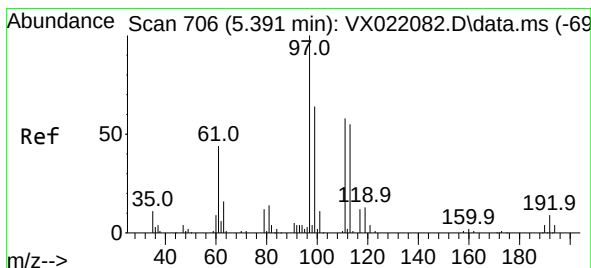
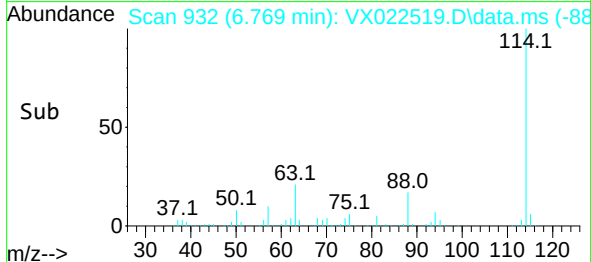
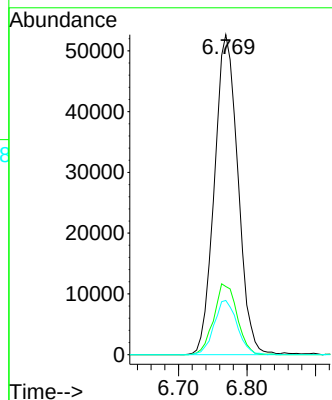
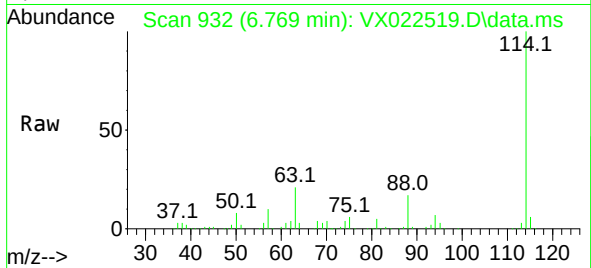




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

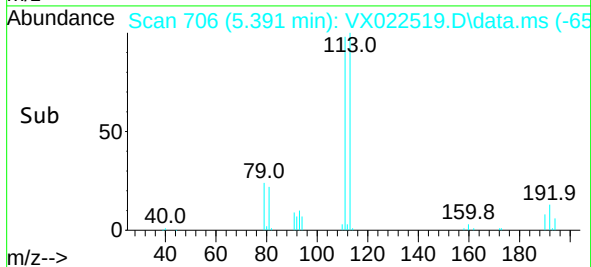
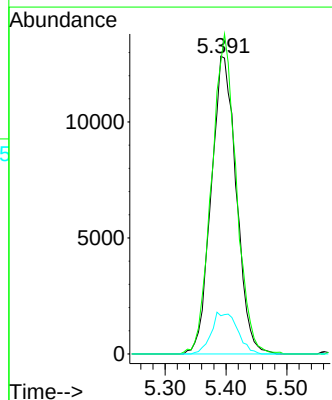
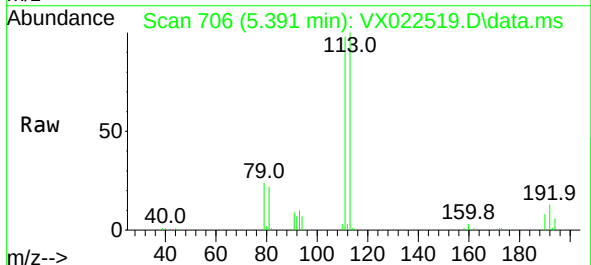
Instrument :
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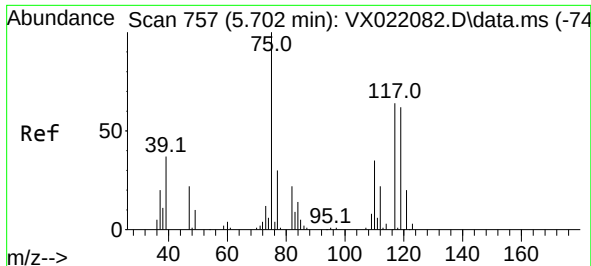
Tgt Ion:114 Resp: 125139
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.206 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion:113 Resp: 36668
Ion Ratio Lower Upper
113 100
111 105.9 81.9 122.9
192 14.5 16.7 25.1#

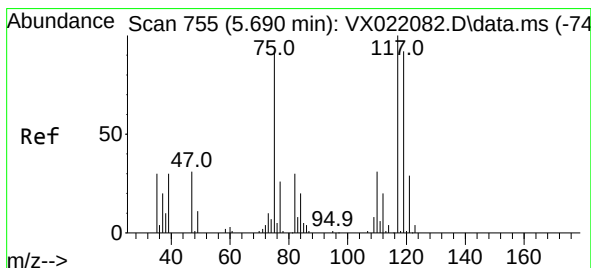
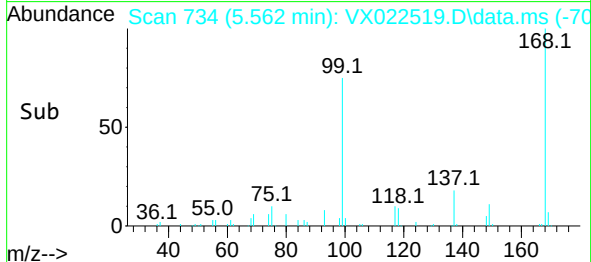
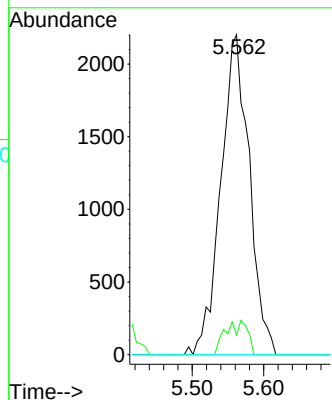
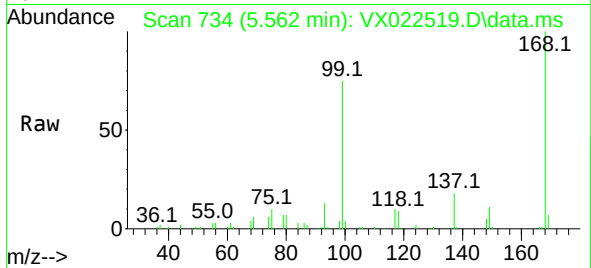




#36
1,1-Dichloropropene
Concen: 5.263 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

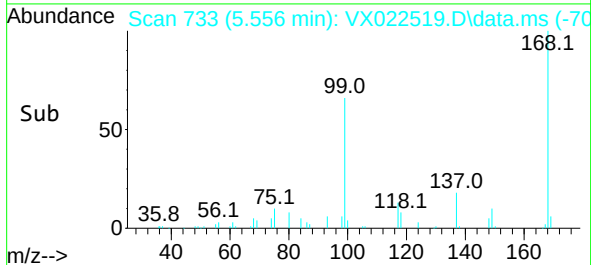
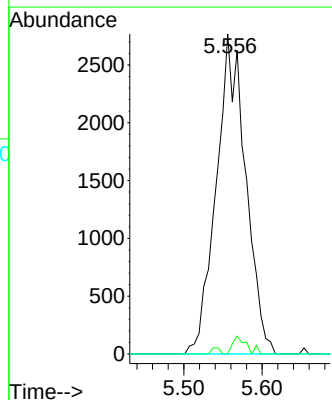
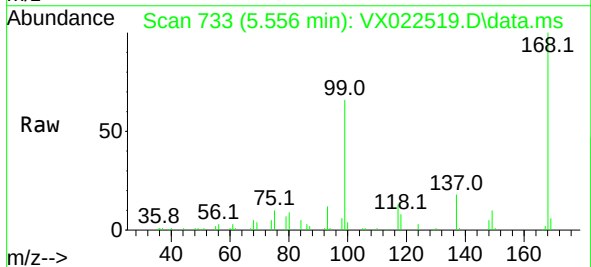
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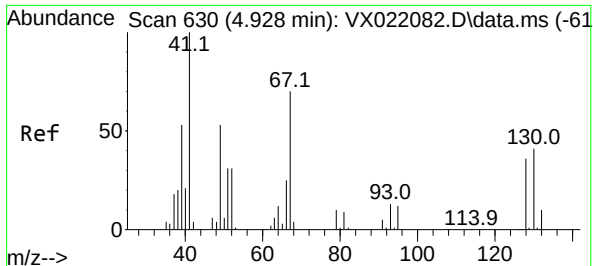
Tgt Ion: 75 Resp: 6090
Ion Ratio Lower Upper
75 100
110 4.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.371 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

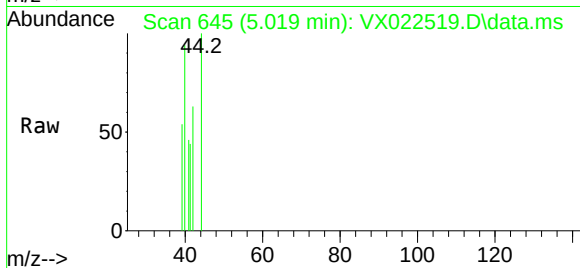
Tgt Ion: 117 Resp: 7212
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



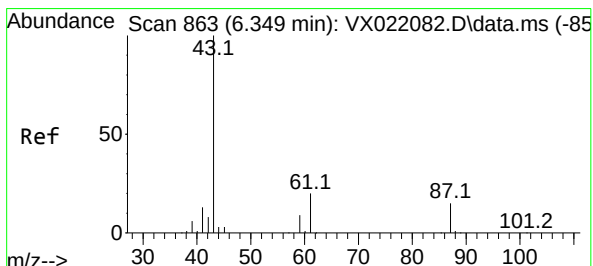
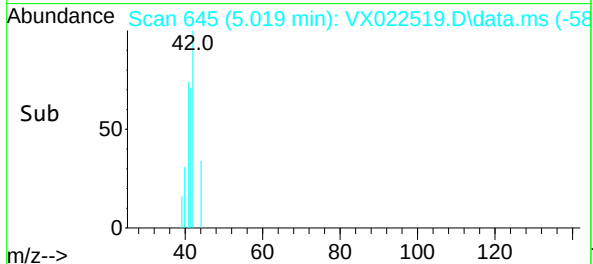
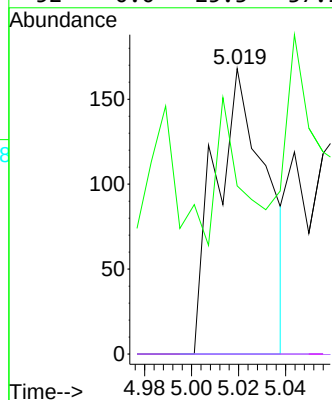


#41
Methacrylonitrile
Concen: 0.336 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

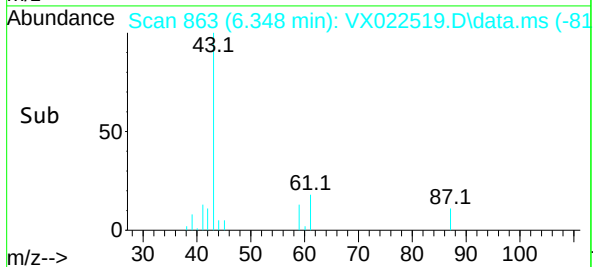
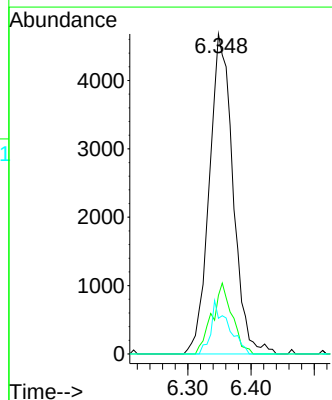
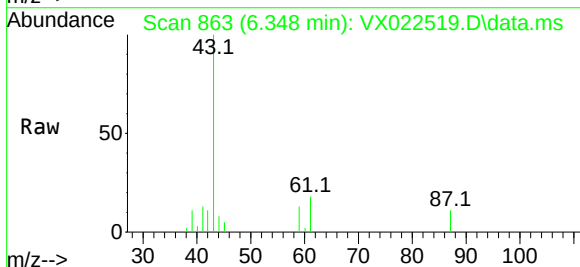


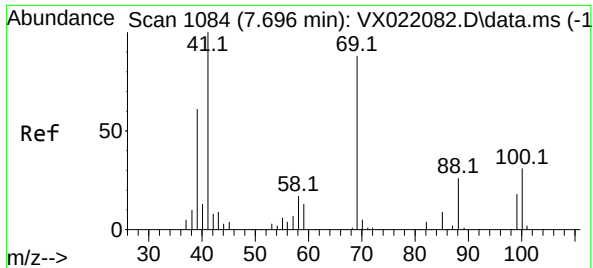
Tgt Ion:	41	Resp:	255
Ion	Ratio	Lower	Upper
41	100		
39	31.4	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 5.237 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion:	43	Resp:	12150
Ion	Ratio	Lower	Upper
43	100		
61	18.8	18.2	27.4
87	12.1	12.5	18.7#

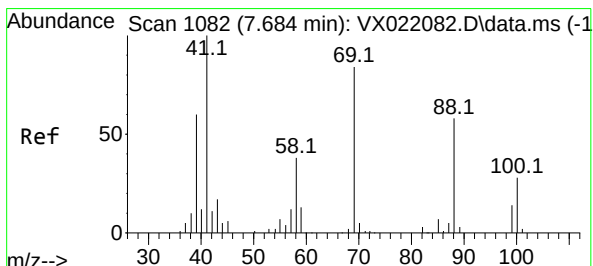
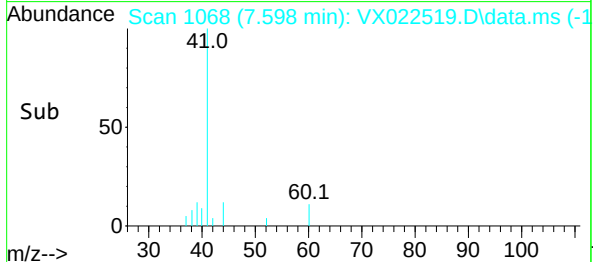
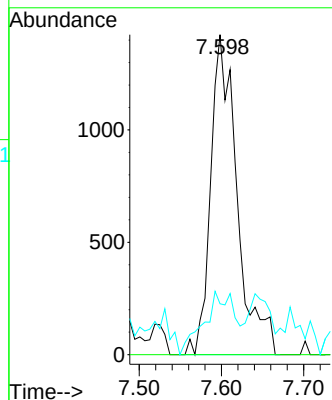
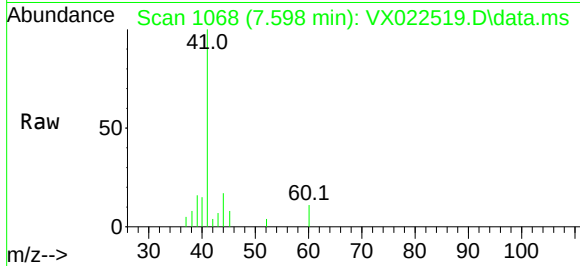




#48
Methyl methacrylate
Concen: 2.966 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

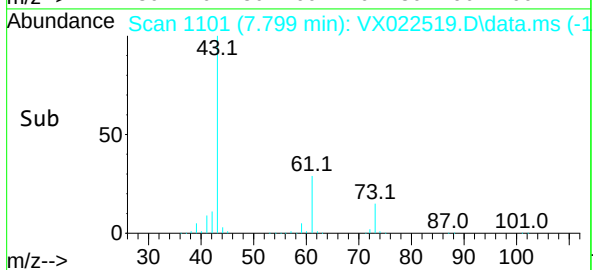
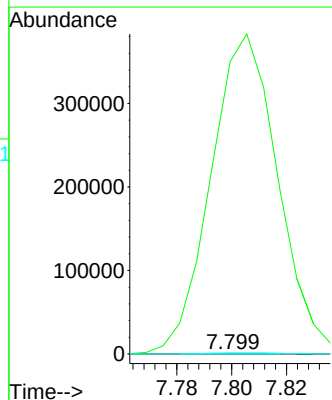
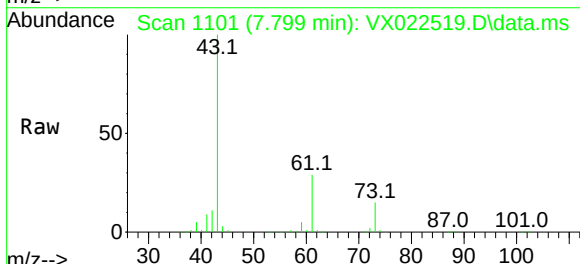
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

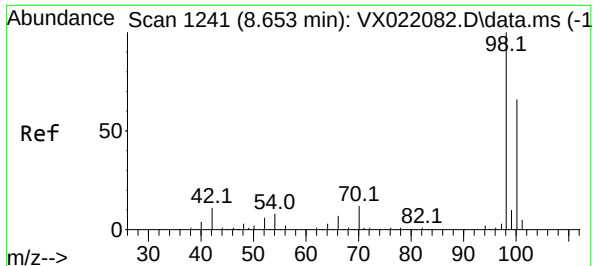
Tgt Ion: 41 Resp: 3171
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.506 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.115 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 903593.2 23.2 34.8#
58 3413.7 55.0 82.4#

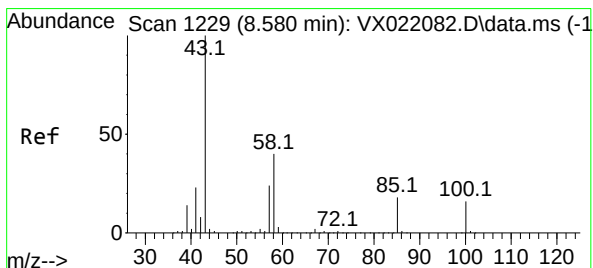
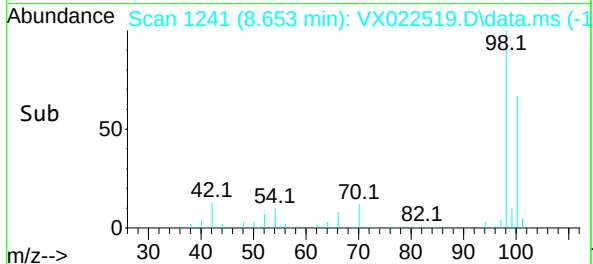
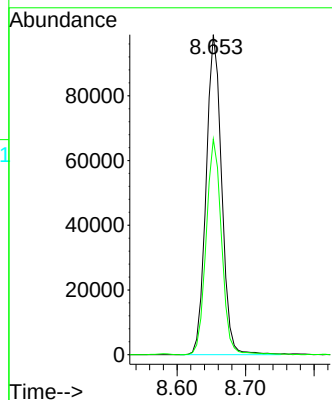
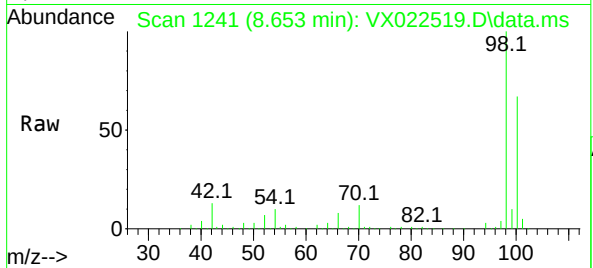




#50
Toluene-d8
Concen: 51.098 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

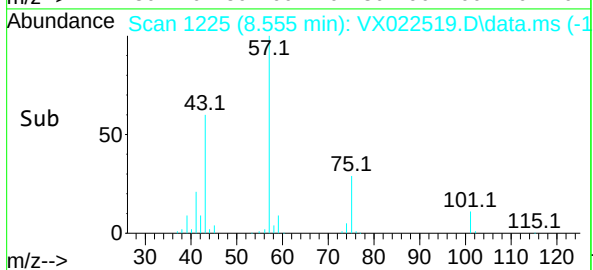
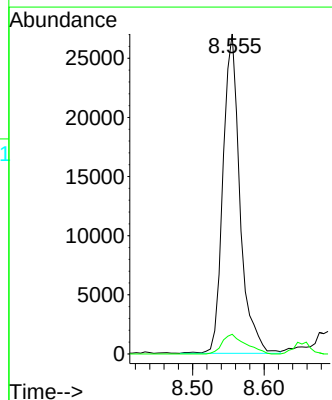
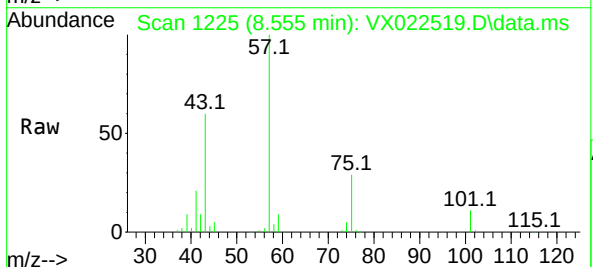
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

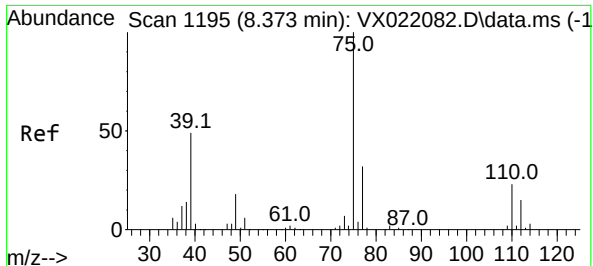
Tgt Ion: 98 Resp: 156203
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 32.078 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion: 43 Resp: 44583
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#

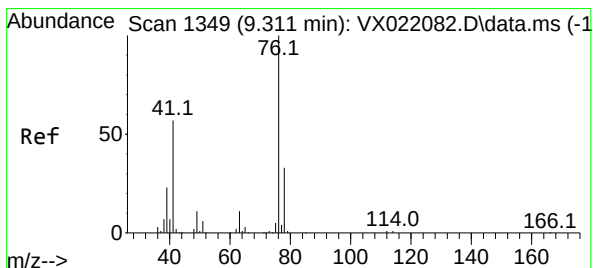
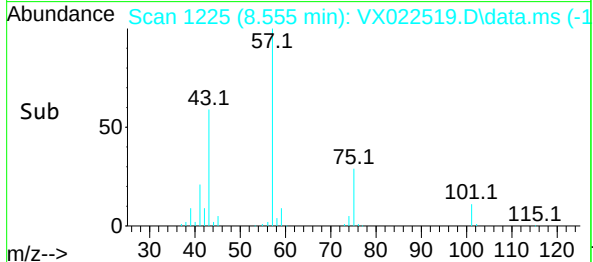
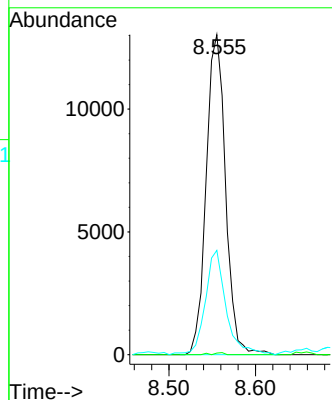
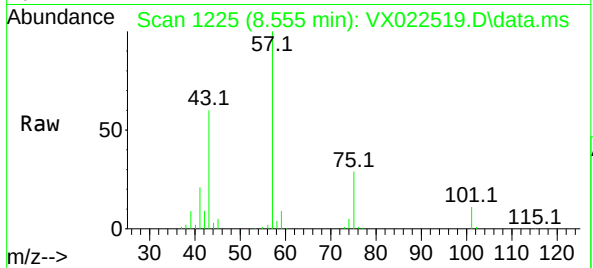




#54
 cis-1,3-Dichloropropene
 Concen: 13.216 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022519.D
 Acq: 07 Jun 2021 08:14

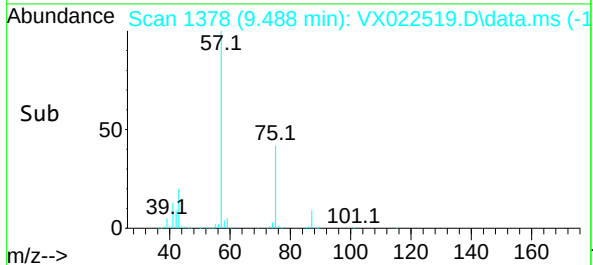
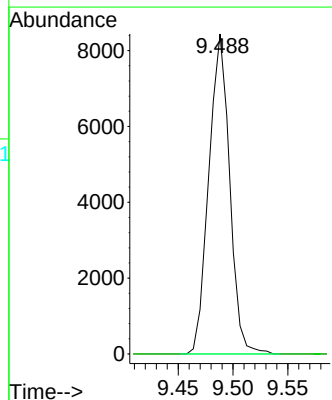
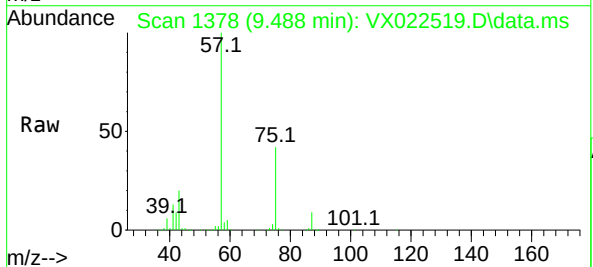
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#13

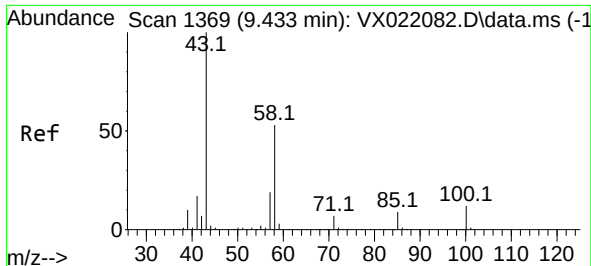
Tgt Ion: 75 Resp: 20223
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 32.0 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 7.134 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022519.D
 Acq: 07 Jun 2021 08:14

Tgt Ion: 76 Resp: 11149
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

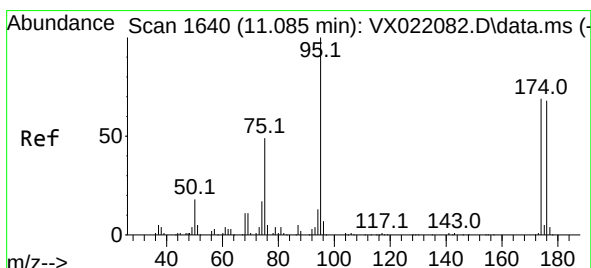
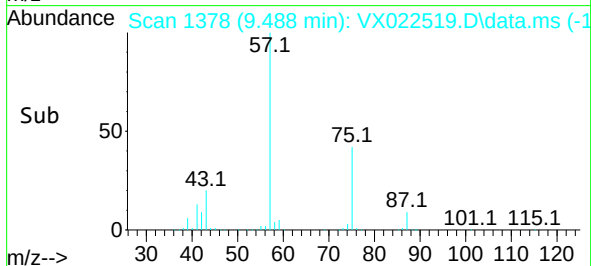
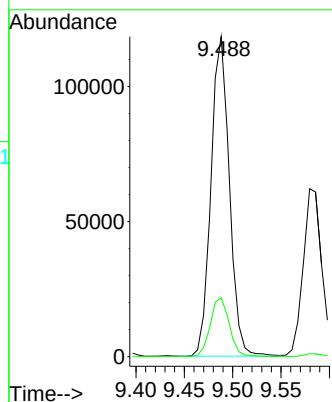
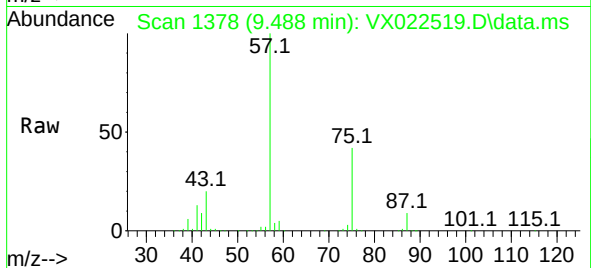




#59
2-Hexanone
Concen: 149.971 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

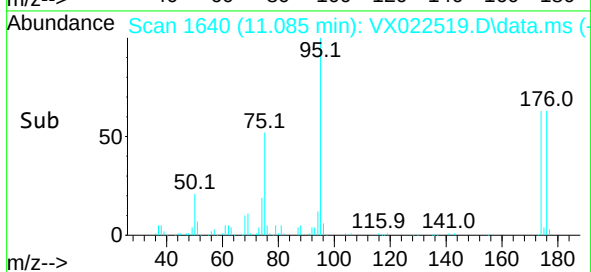
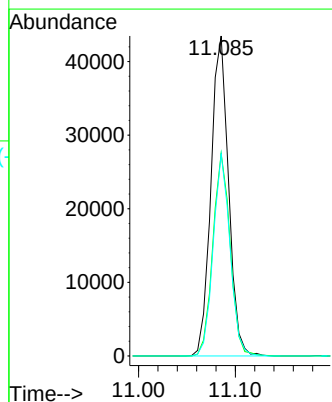
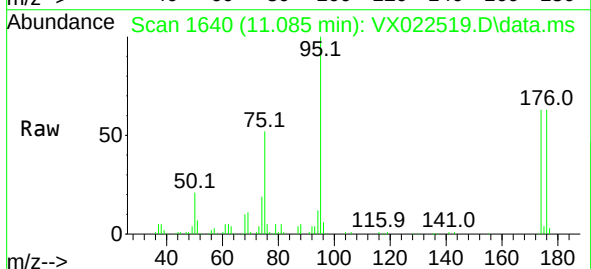
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

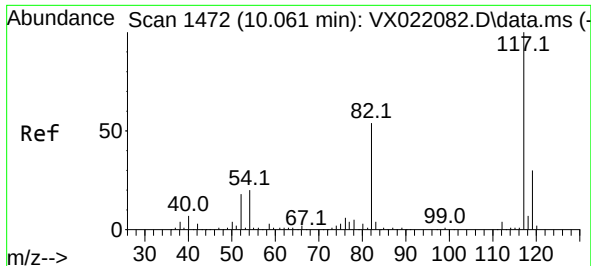
Tgt Ion: 43 Resp: 156764
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.575 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion: 95 Resp: 54885
Ion Ratio Lower Upper
95 100
174 62.4 0.0 154.6
176 60.3 0.0 155.8

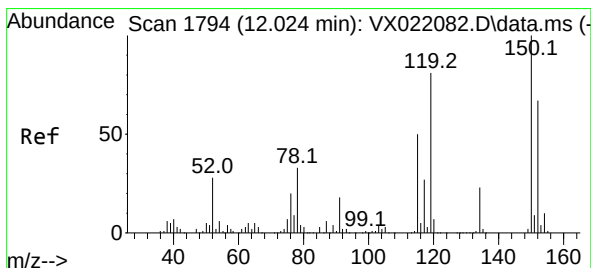
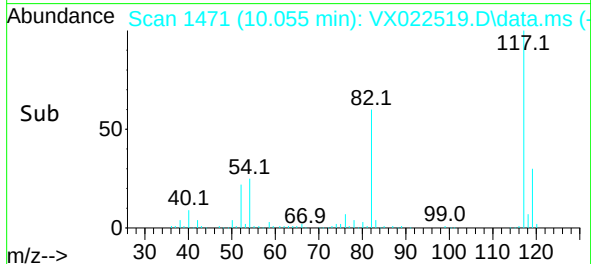
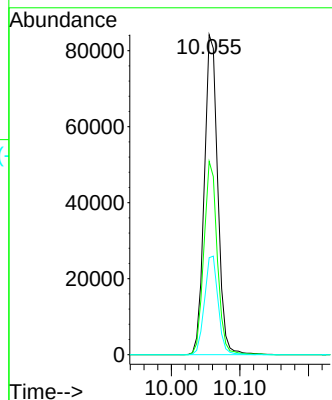
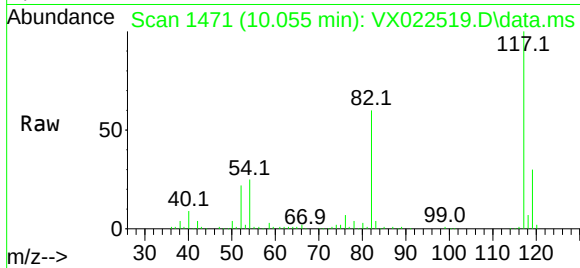




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

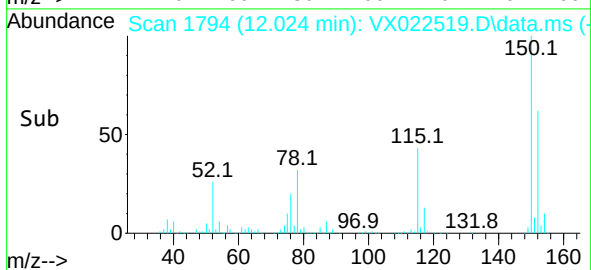
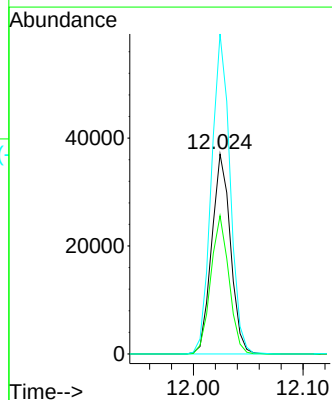
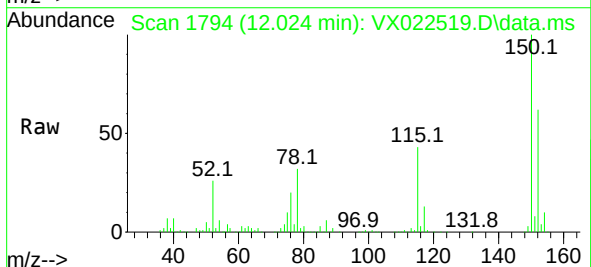
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

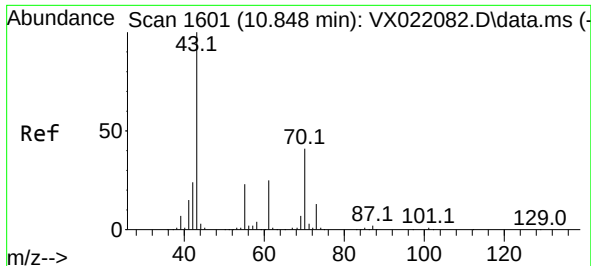
Tgt Ion:117 Resp: 114986
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 30.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion:152 Resp: 44146
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 158.6 0.0 349.0

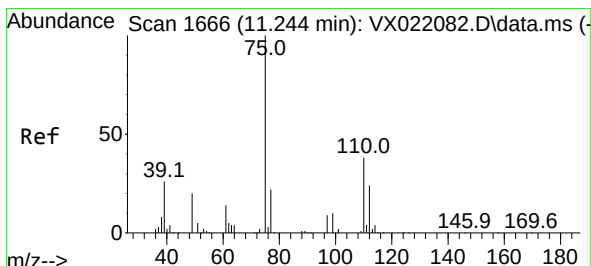
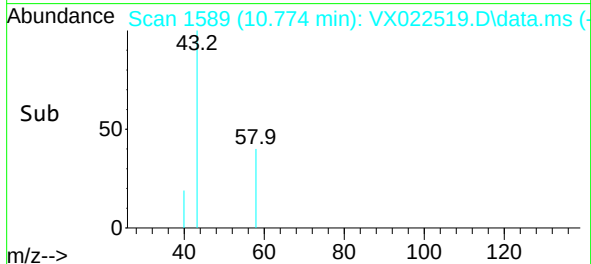
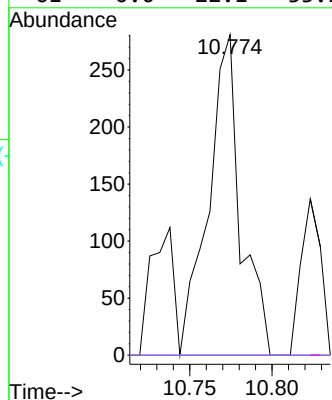
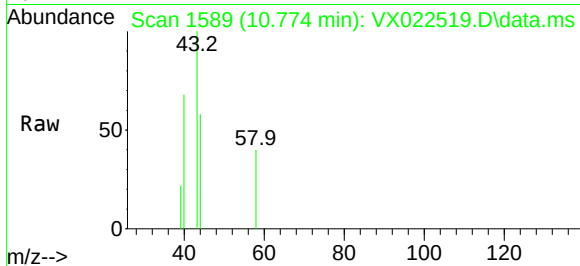




#74
N-amy1 acetate
Concen: 0.216 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

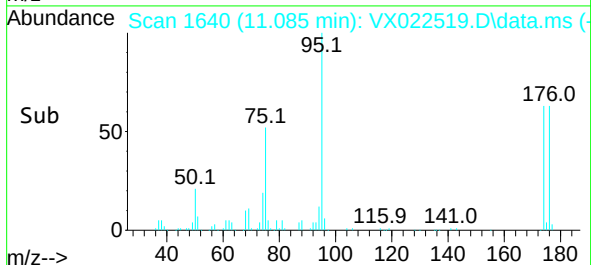
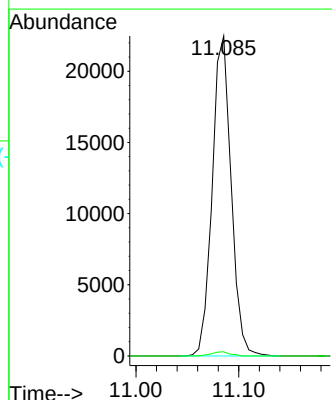
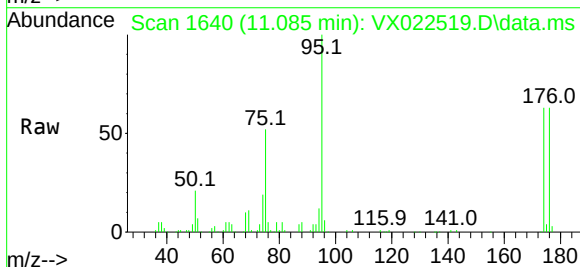
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

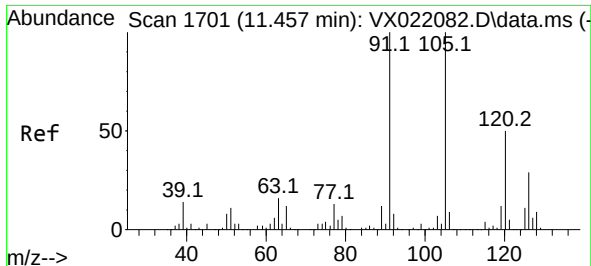
Tgt Ion: 43	Resp: 383
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.304 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion: 75	Resp: 28647
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

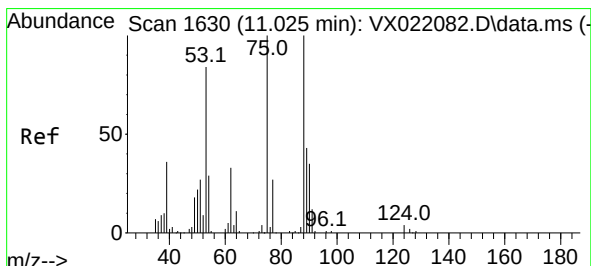
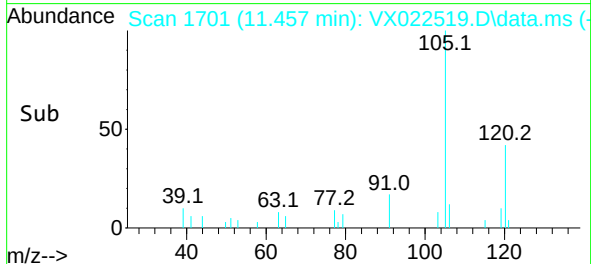
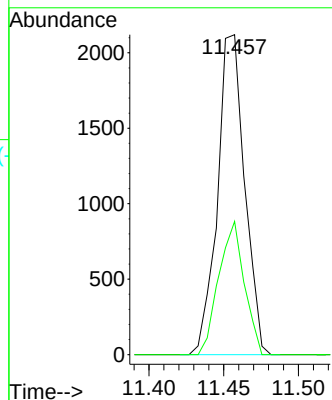
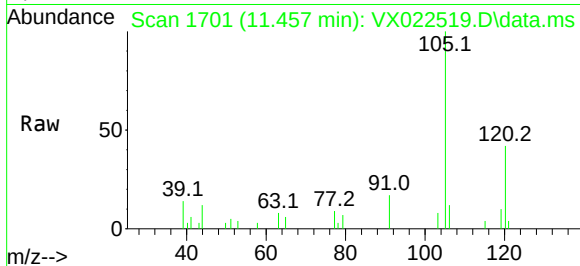




#80
1,3,5-Trimethylbenzene
Concen: 0.867 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#13

Tgt Ion:105 Resp: 2684
Ion Ratio Lower Upper
105 100
120 39.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.323 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022519.D
Acq: 07 Jun 2021 08:14

Tgt Ion: 75 Resp: 28647
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

