

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023350.D
 Acq On : 19 Jul 2021 18:48
 Operator : JC/MD
 Sample : PB137749ZHE#15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#15

Quant Time: Jul 20 05:27:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

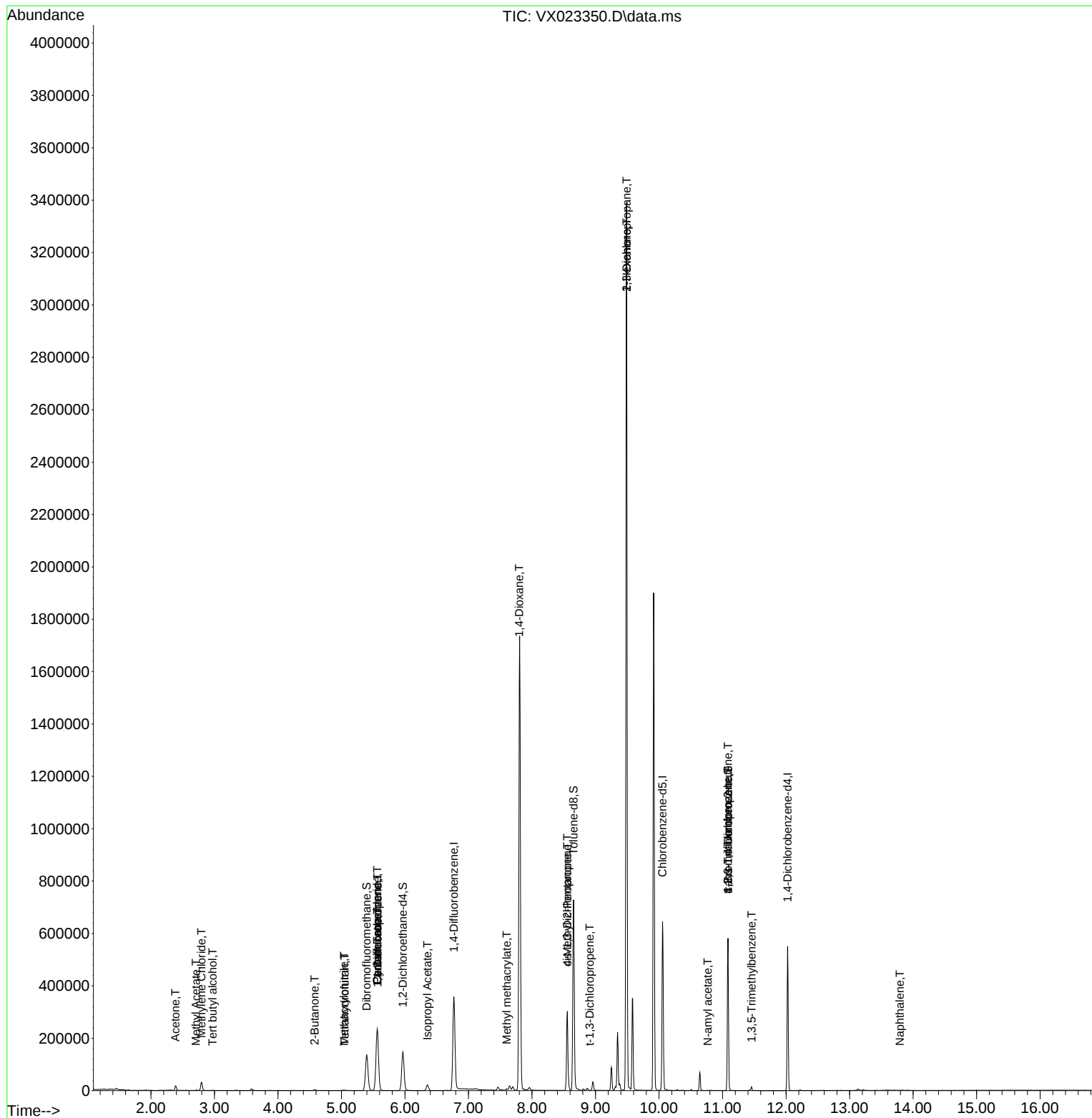
Internal Standards						
1) Pentafluorobenzene	5.562	168	215354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	352636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152000	52.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.040%	
35) Dibromofluoromethane	5.397	113	115376	50.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.340%	
50) Toluene-d8	8.653	98	429805	50.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	11.085	95	154927	47.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	75	Below Cal	#	2
11) Tert butyl alcohol	2.971	59	441	0.724	ug/l #	73
16) Acetone	2.386	43	17684	15.443	ug/l	93
18) Methyl Acetate	2.709	43	2063	0.742	ug/l #	79
20) Methylene Chloride	2.794	84	14221	5.768	ug/l	97
25) 2-Butanone	4.574	43	4599	2.663	ug/l	90
29) Tetrahydrofuran	5.050	42	1631	1.469	ug/l #	27
31) Cyclohexane	5.562	56	4558	1.315	ug/l #	15
36) 1,1-Dichloropropene	5.568	75	16517	5.254	ug/l #	49
38) Carbon Tetrachloride	5.562	117	22851	6.964	ug/l #	16
41) Methacrylonitrile	5.044	41	1166	0.608	ug/l #	43
43) Isopropyl Acetate	6.355	43	28610	5.016	ug/l #	92
48) Methyl methacrylate	7.604	41	7496	2.678	ug/l #	10
49) 1,4-Dioxane	7.799	88	229	3.635	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	103449	29.267	ug/l #	45
53) t-1,3-Dichloropropene	8.909	75	28	2.743	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	46150	12.969	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	28185	6.875	ug/l #	43
59) 2-Hexanone	9.488	43	391891	144.499	ug/l #	43
74) N-amyl acetate	10.768	43	768	0.210	ug/l #	41
76) 1,2,3-Trichloropropane	11.085	75	72384	29.340	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	6002	0.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	72384	78.883	ug/l #	12
95) Naphthalene	13.792	128	273	1.305	ug/l #	69

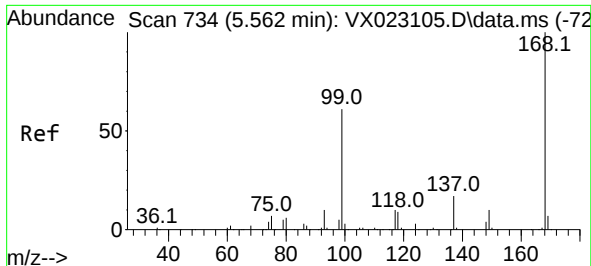
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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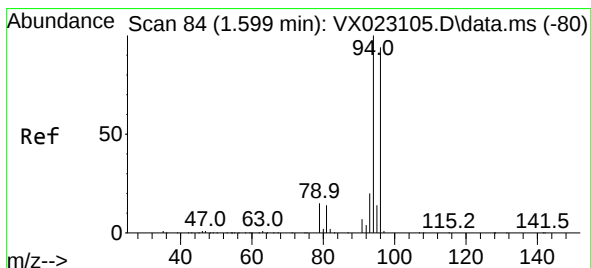
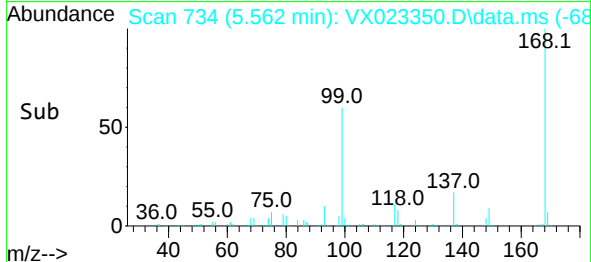
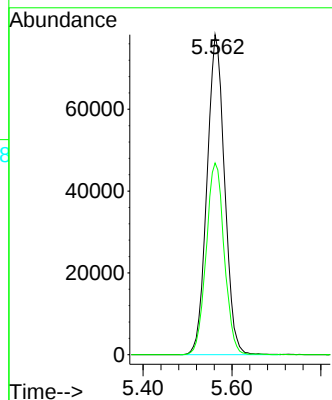
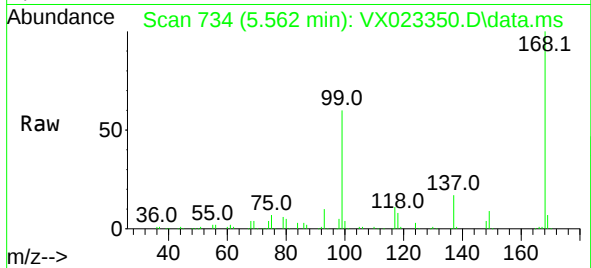




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

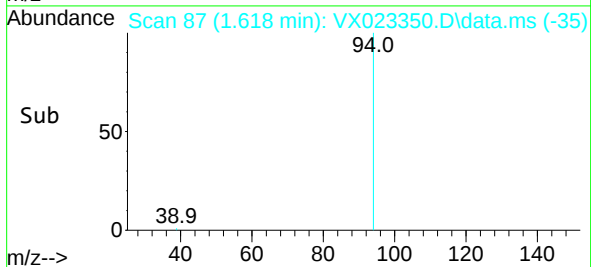
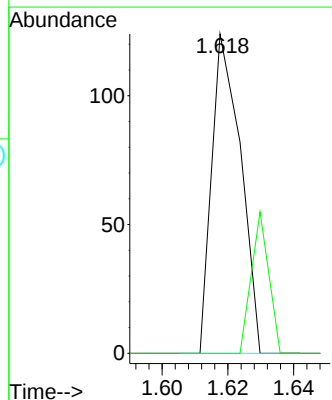
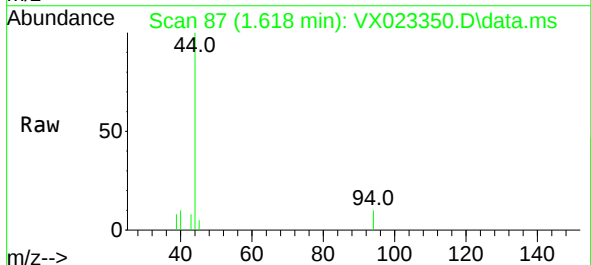
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

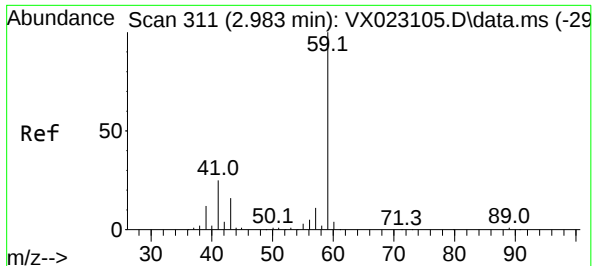
Tgt Ion:168 Resp: 215354
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 94 Resp: 75
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



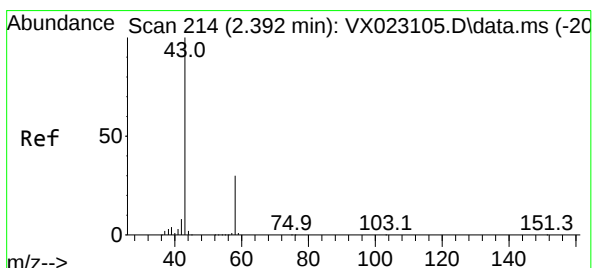
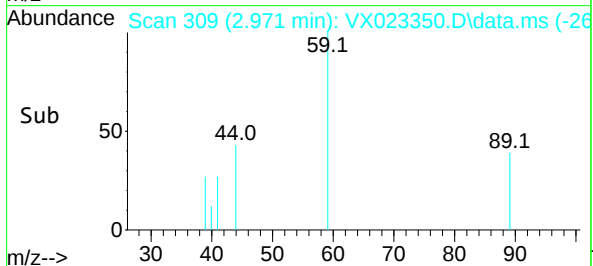
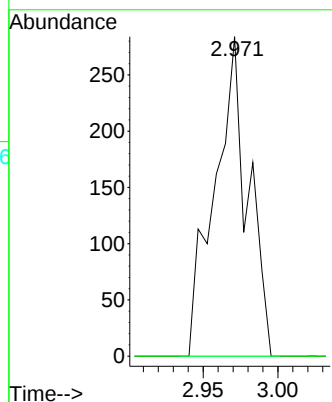
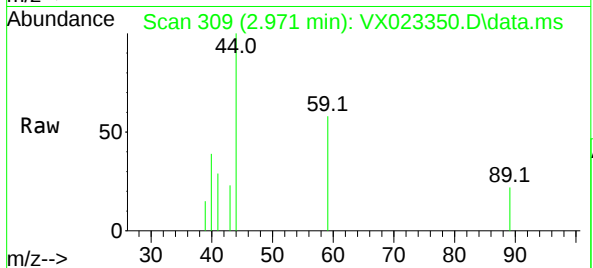


#11

Tert butyl alcohol
Concen: 0.724 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

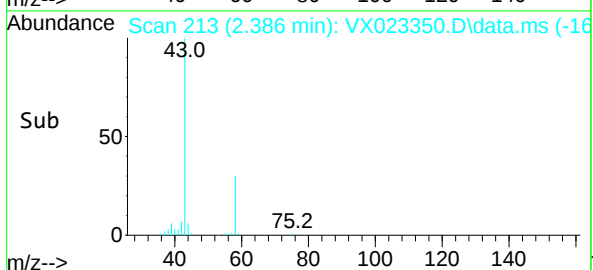
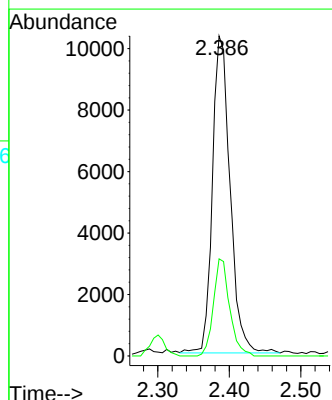
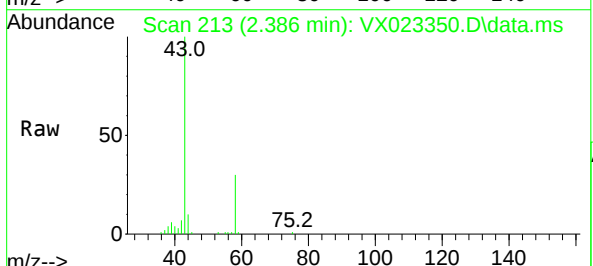
Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

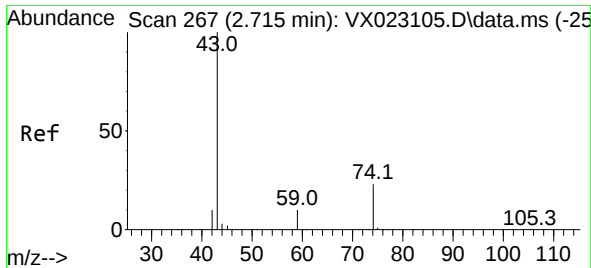


#16

Acetone
Concen: 15.443 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 43 Resp: 17684
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8

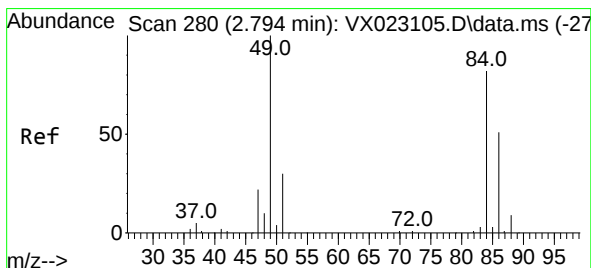
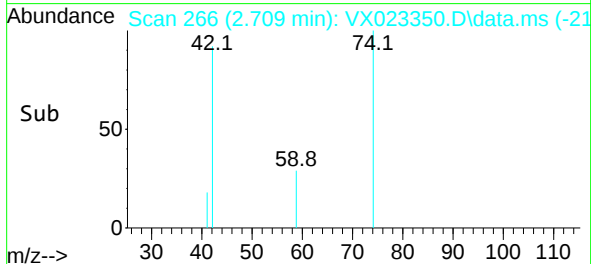
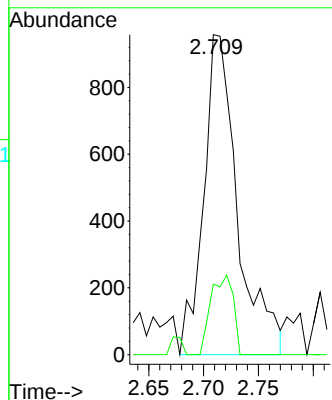
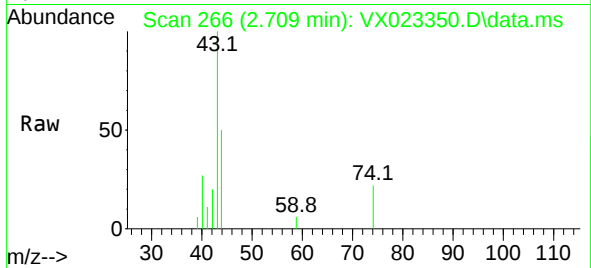




#18
Methyl Acetate
Concen: 0.742 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

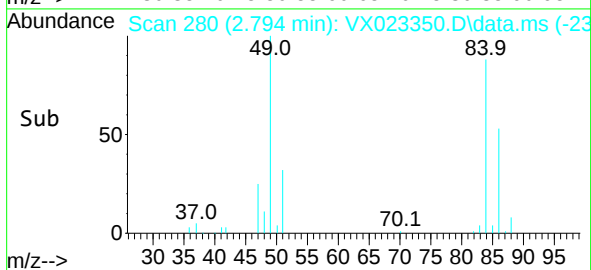
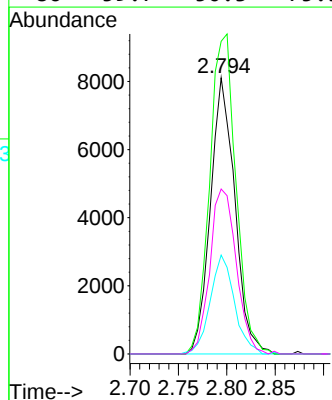
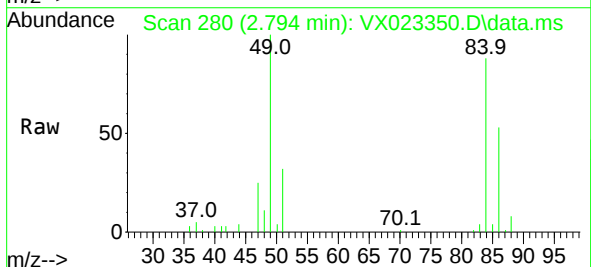
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

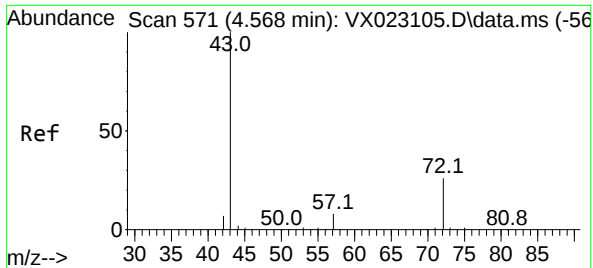
Tgt Ion: 43 Resp: 2063
Ion Ratio Lower Upper
43 100
74 16.4 21.9 32.9#



#20
Methylene Chloride
Concen: 5.768 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 84 Resp: 14221
Ion Ratio Lower Upper
84 100
49 113.2 88.6 132.8
51 35.8 27.0 40.6
86 59.7 50.3 75.5

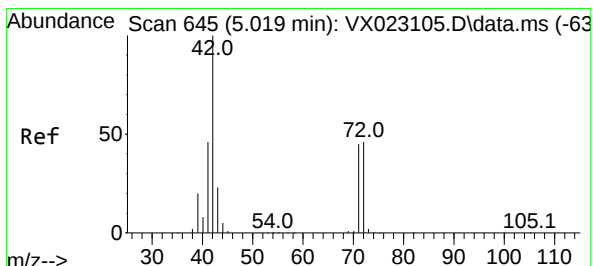
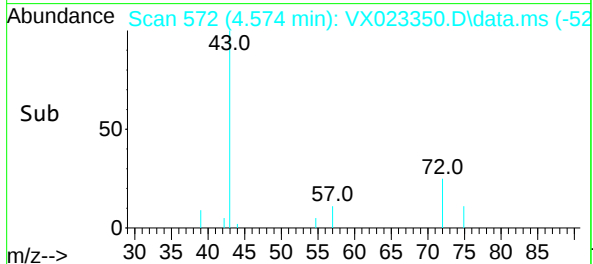
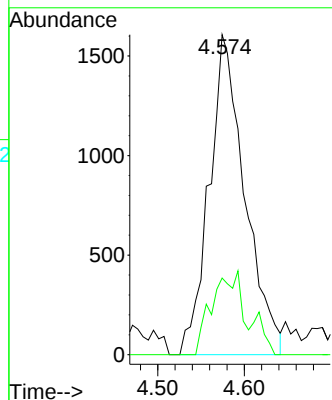
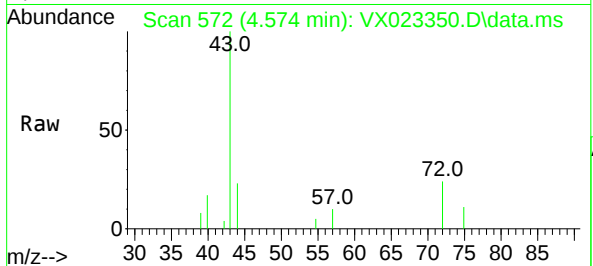




#25
2-Butanone
Concen: 2.663 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

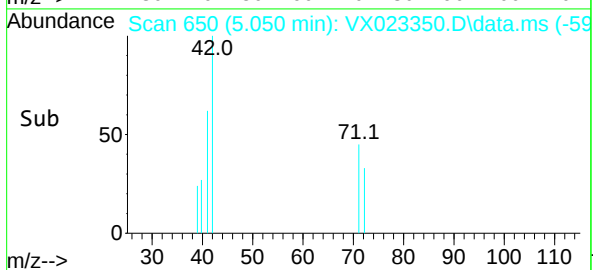
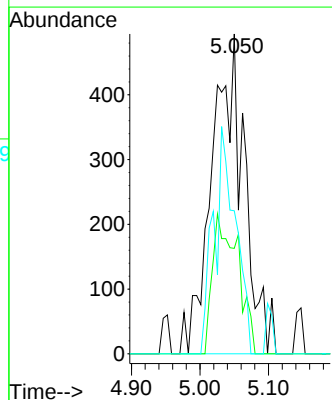
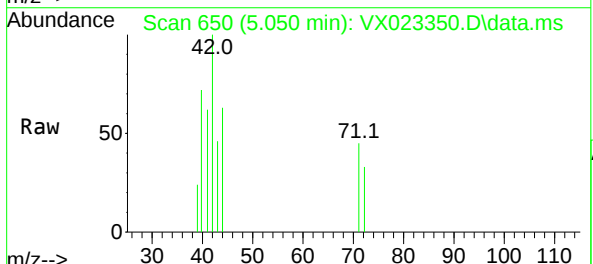
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

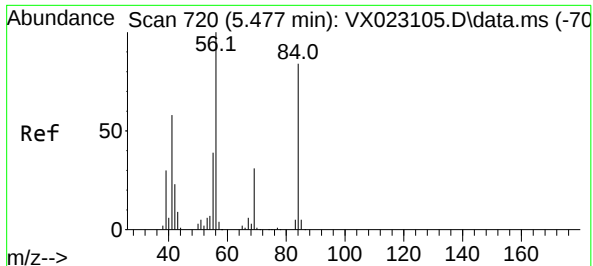
Tgt Ion: 43 Resp: 4599
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.469 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.031 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

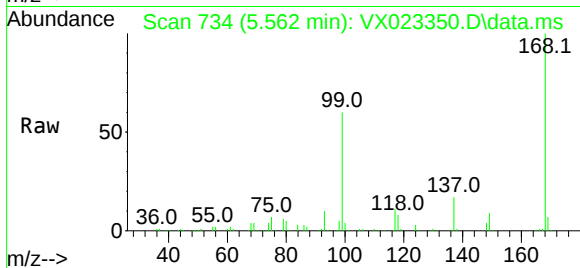
Tgt Ion: 42 Resp: 1631
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



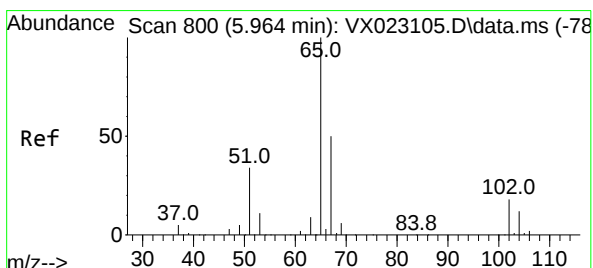
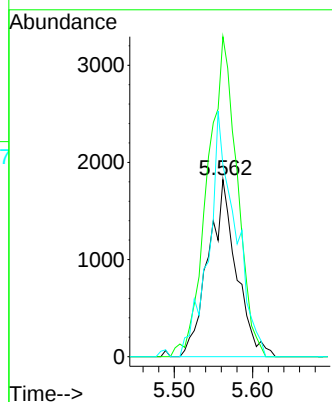
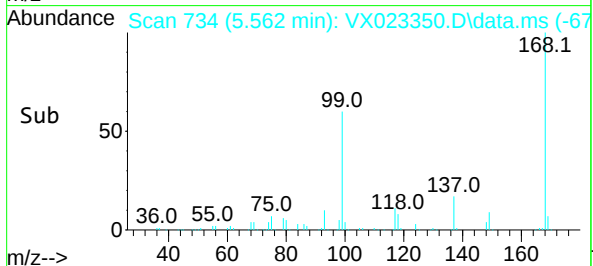


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

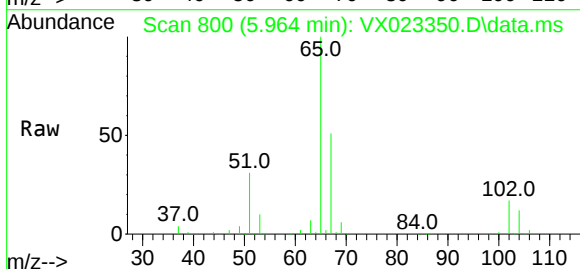
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MSVOA_X
ClientSampleId :
PB137749ZHE#15



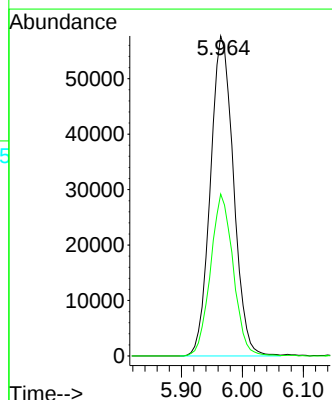
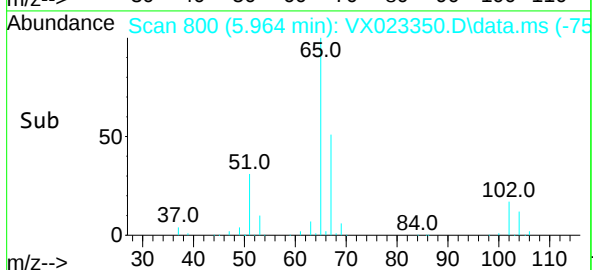
Tgt Ion: 56 Resp: 4558
Ion Ratio Lower Upper
56 100
69 180.6 25.3 37.9#
84 108.1 71.4 107.0#

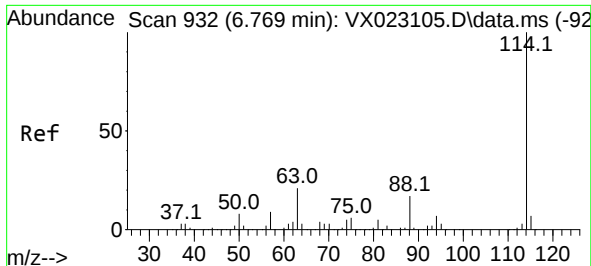


#33
1,2-Dichloroethane-d4
Concen: 52.516 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48



Tgt Ion: 65 Resp: 152000
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

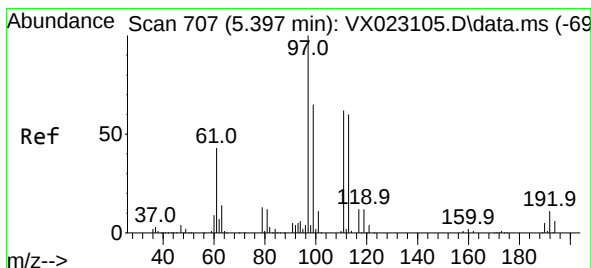
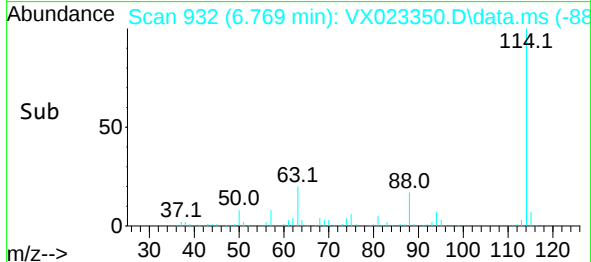
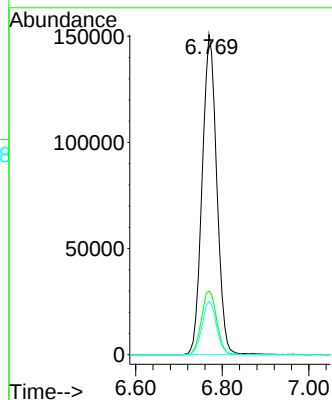
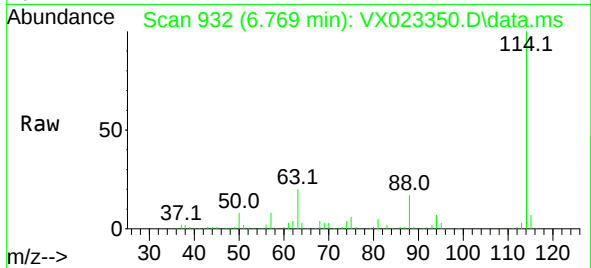




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

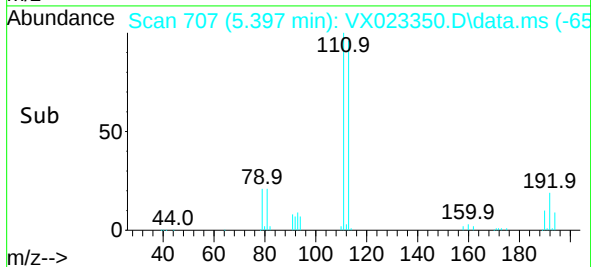
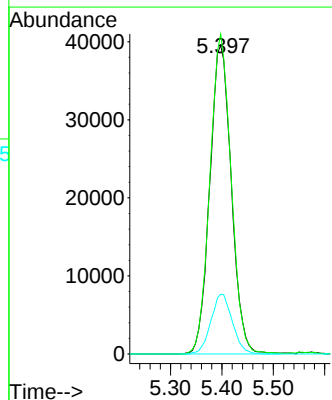
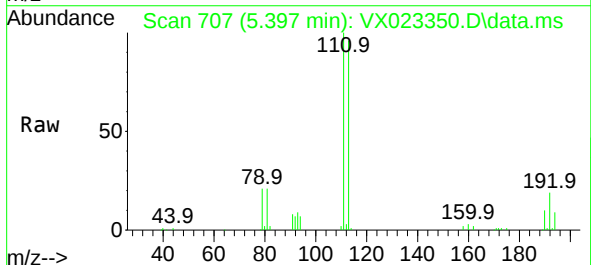
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PB137749ZHE#15

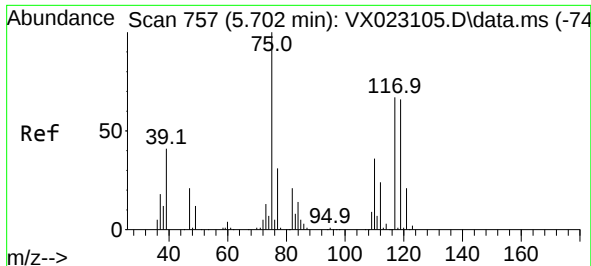
Tgt Ion:114 Resp: 352636
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.666 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion:113 Resp: 115376
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.254 ug/l

RT: 5.568 min Scan# 735

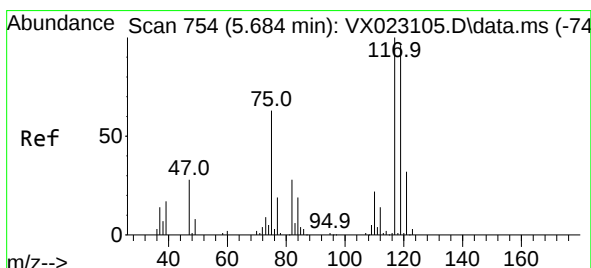
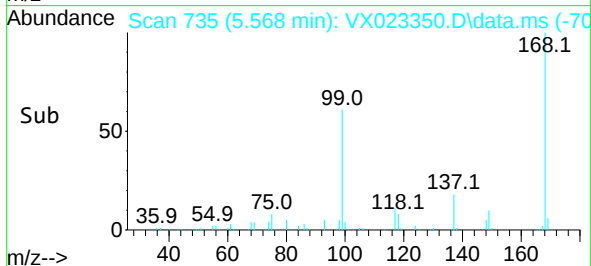
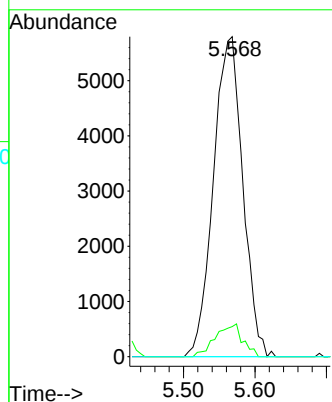
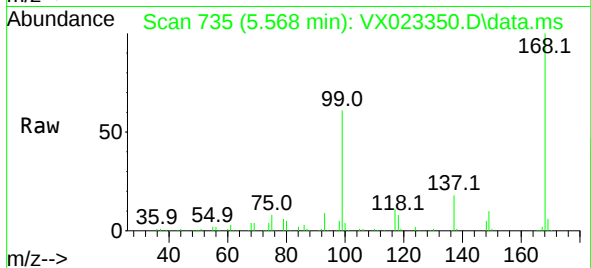
Delta R.T. -0.134 min

Lab File: VX023350.D

Acq: 19 Jul 2021 18:48

Tgt Ion: 75	Resp: 16517
Ion Ratio	Lower Upper
75 100	
110 9.5	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15



#38

Carbon Tetrachloride

Concen: 6.964 ug/l

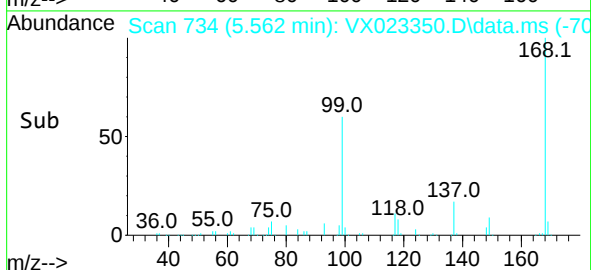
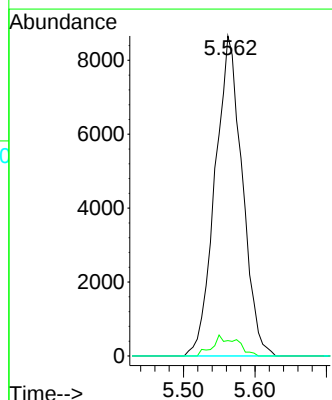
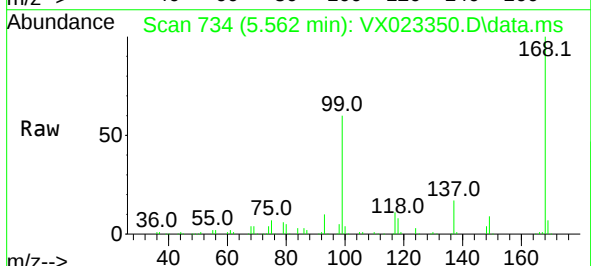
RT: 5.562 min Scan# 734

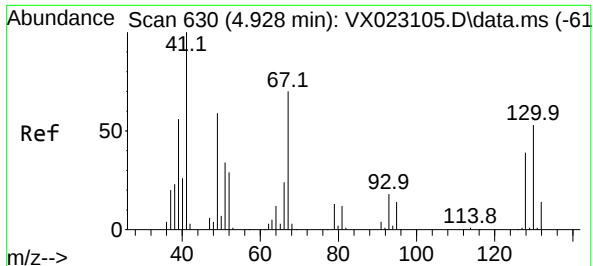
Delta R.T. -0.122 min

Lab File: VX023350.D

Acq: 19 Jul 2021 18:48

Tgt Ion: 117	Resp: 22851
Ion Ratio	Lower Upper
117 100	
119 4.8	76.2 114.2#
121 0.0	24.8 37.2#

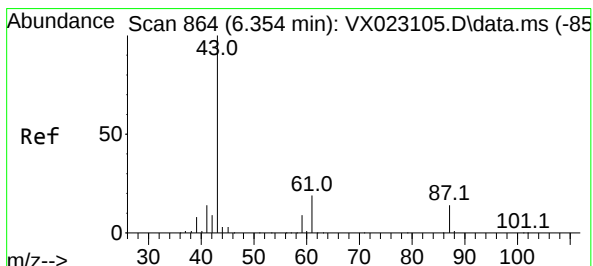
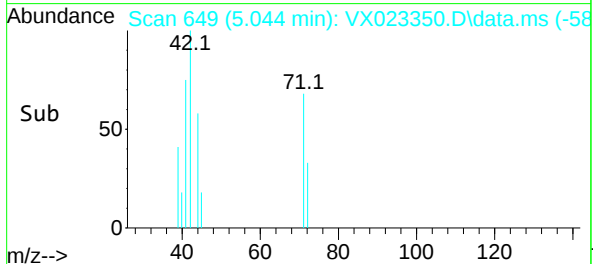
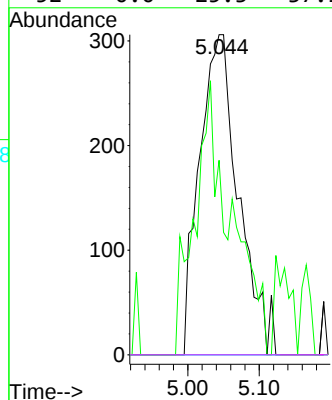
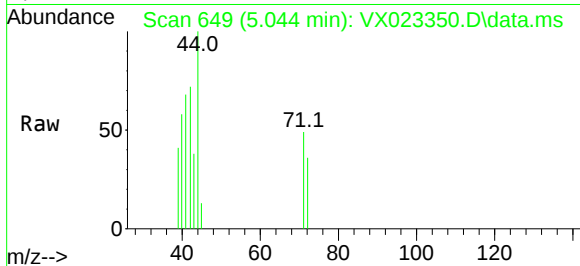




#41
Methacrylonitrile
Concen: 0.608 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

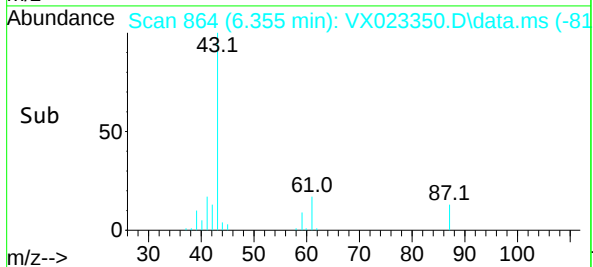
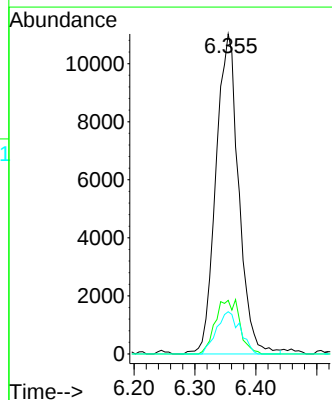
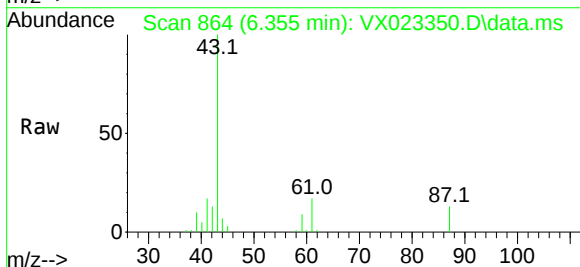
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

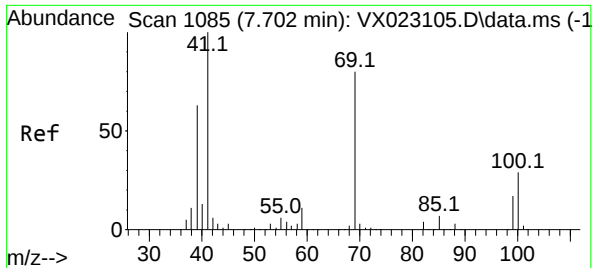
Tgt Ion: 41	Resp: 1166
Ion Ratio	Lower Upper
41 100	
39 55.7	42.5 63.7
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#43
Isopropyl Acetate
Concen: 5.016 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 43	Resp: 28610
Ion Ratio	Lower Upper
43 100	
61 18.1	18.2 27.4#
87 13.7	12.5 18.7

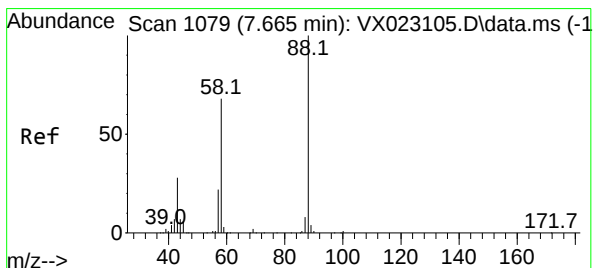
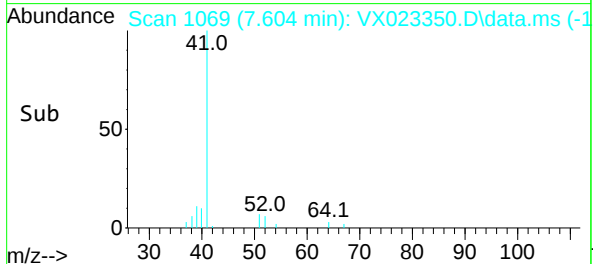
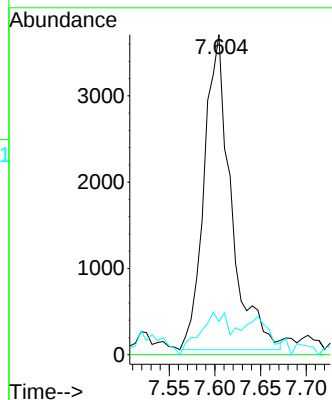
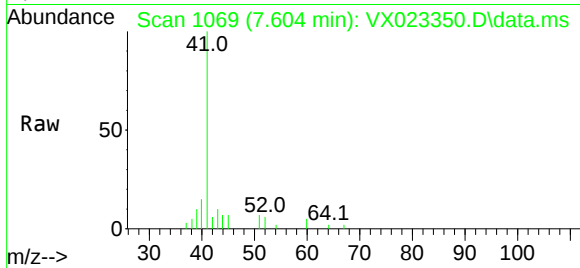




#48
Methyl methacrylate
Concen: 2.678 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

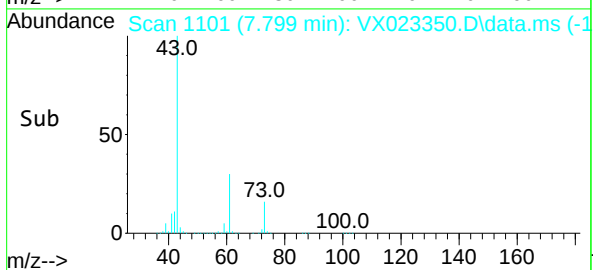
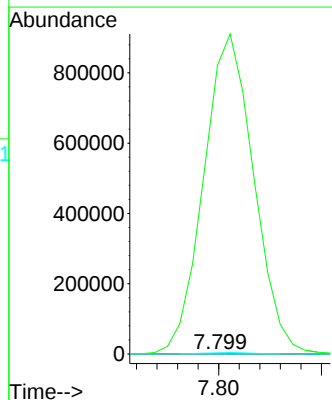
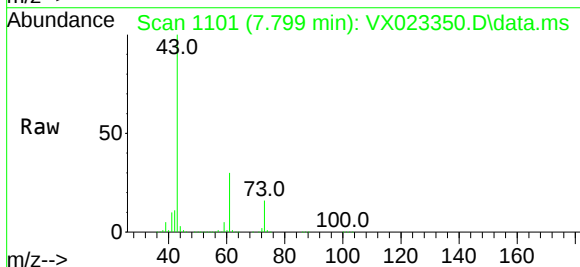
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

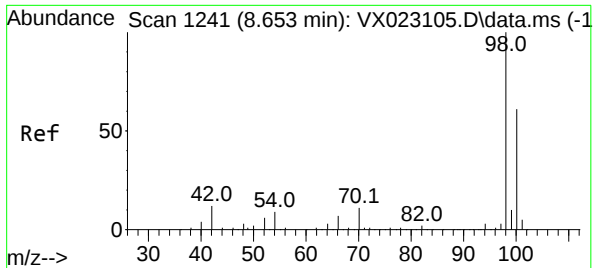
Tgt Ion: 41 Resp: 7496
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.635 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 88 Resp: 229
Ion Ratio Lower Upper
88 100
43 676761.6 23.2 34.8#
58 2970.7 55.0 82.4#

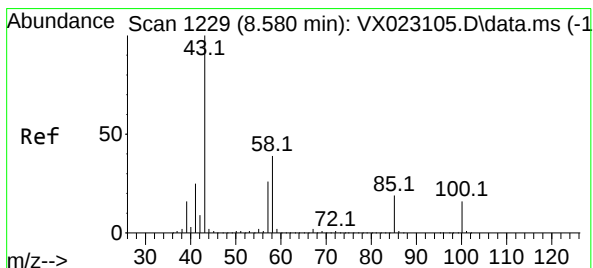
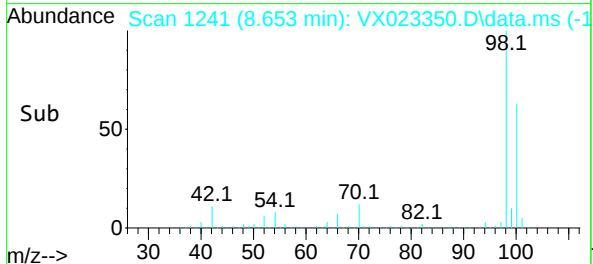
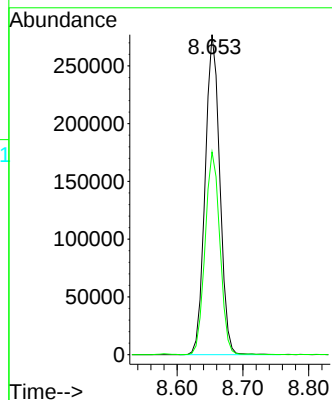
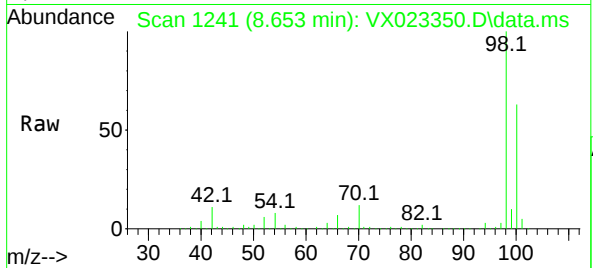




#50
Toluene-d8
Concen: 50.599 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

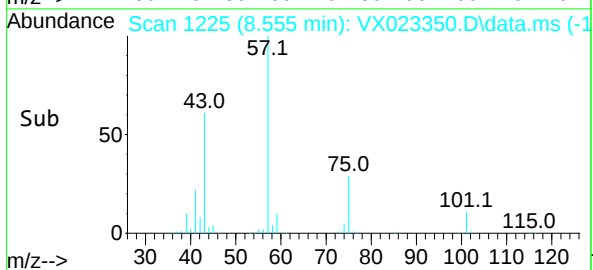
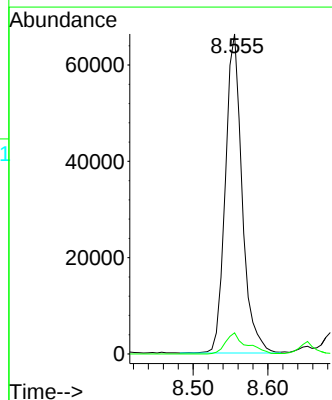
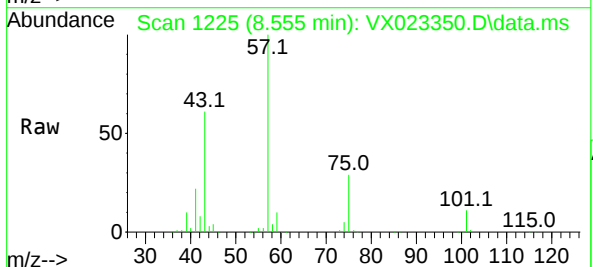
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

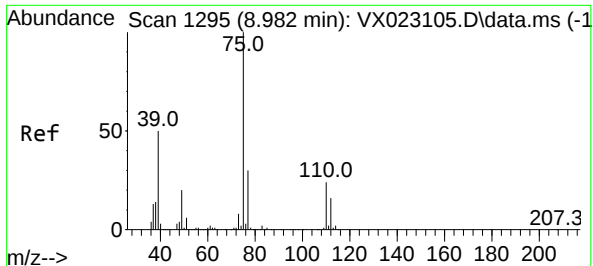
Tgt Ion: 98 Resp: 429805
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 29.267 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

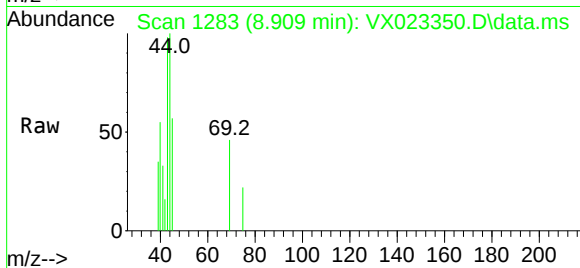
Tgt Ion: 43 Resp: 103449
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#



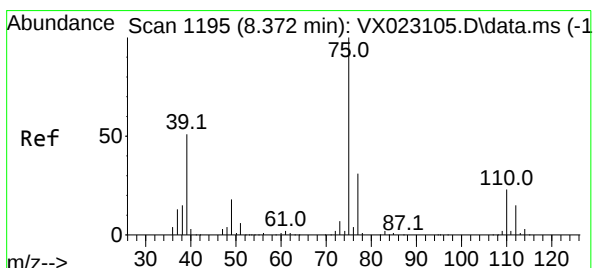
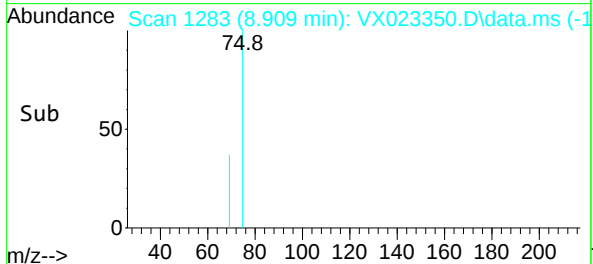
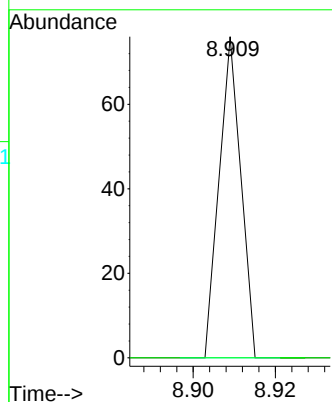


#53
t-1,3-Dichloropropene
Concen: 2.743 ug/l
RT: 8.909 min Scan# 1283
Delta R.T. -0.073 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

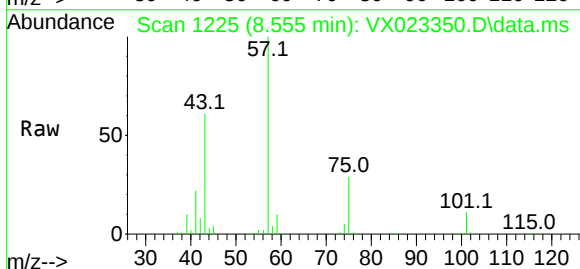
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15



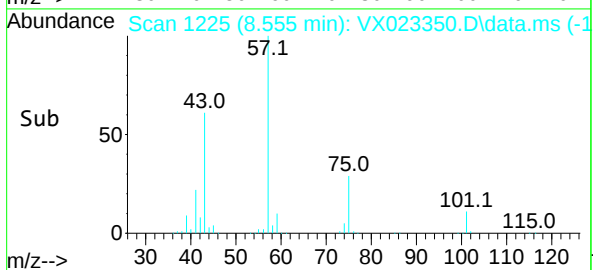
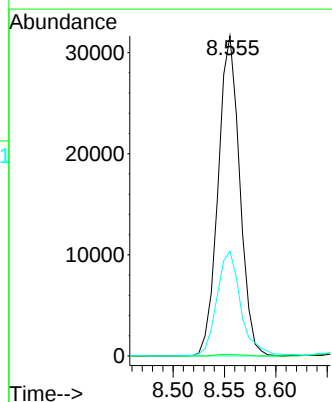
Tgt Ion: 75 Resp: 28
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

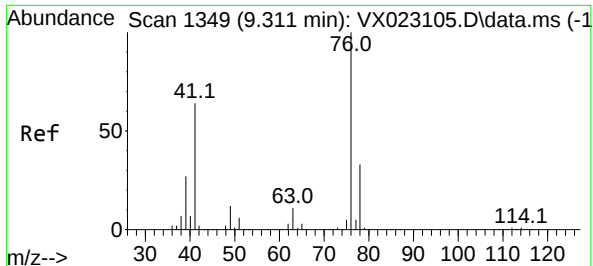


#54
cis-1,3-Dichloropropene
Concen: 12.969 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48



Tgt Ion: 75 Resp: 46150
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 32.8 35.1 52.7#



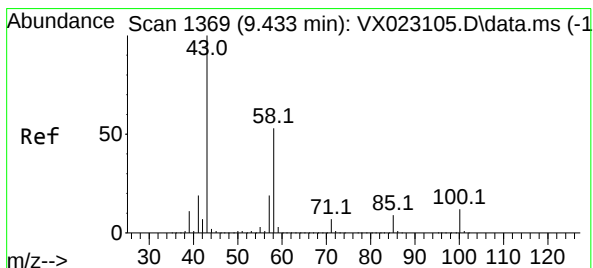
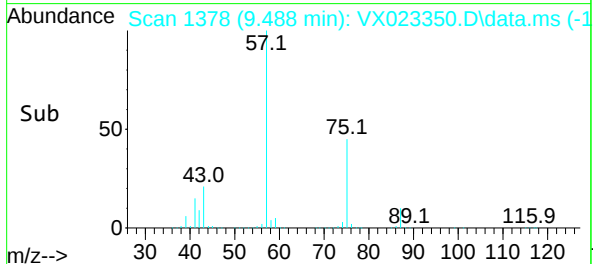
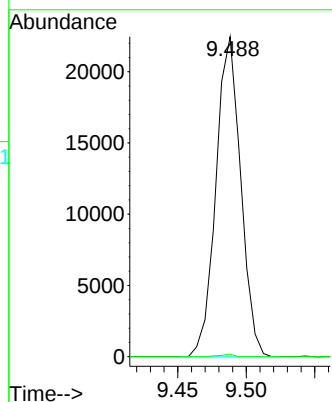
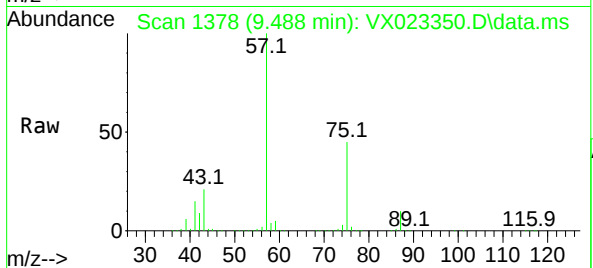


#57

1,3-Dichloropropane
Concen: 6.875 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

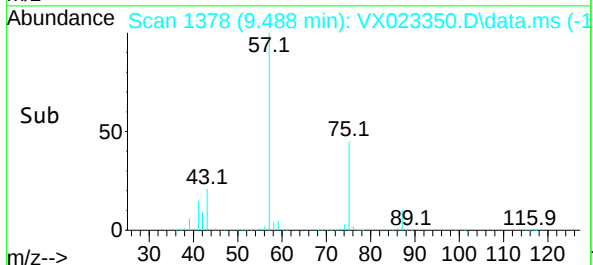
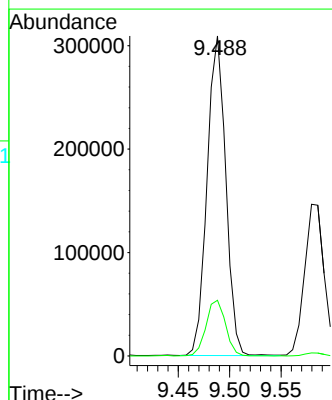
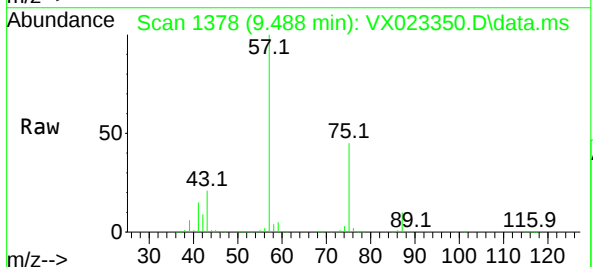
Tgt Ion: 76 Resp: 28185
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#

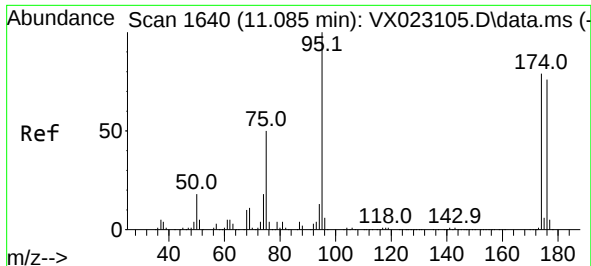


#59

2-Hexanone
Concen: 144.499 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 43 Resp: 391891
Ion Ratio Lower Upper
43 100
58 18.1 30.9 92.8#

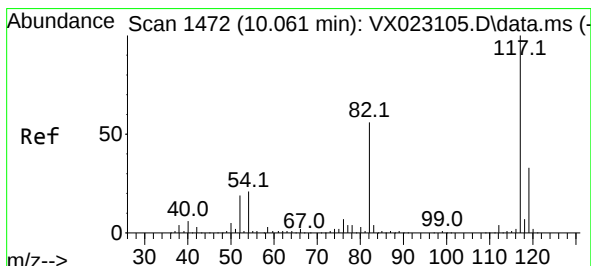
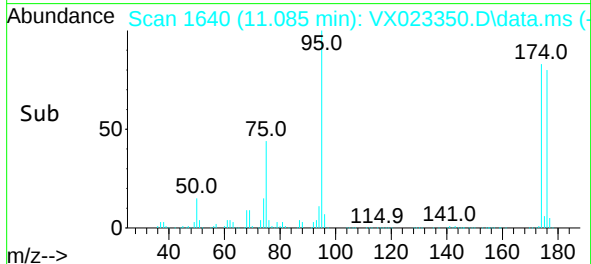
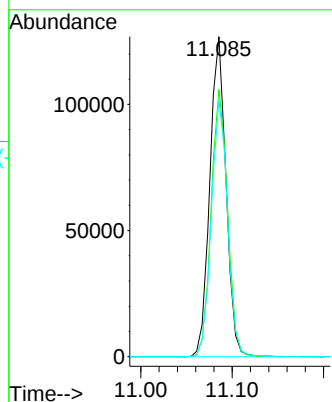
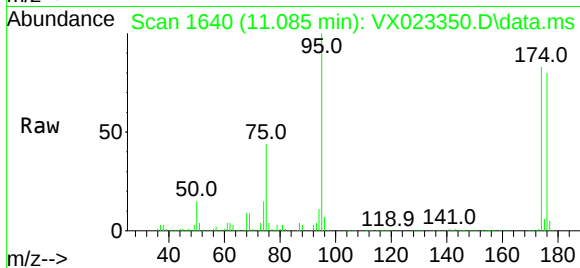




#62
4-Bromofluorobenzene
Concen: 47.244 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

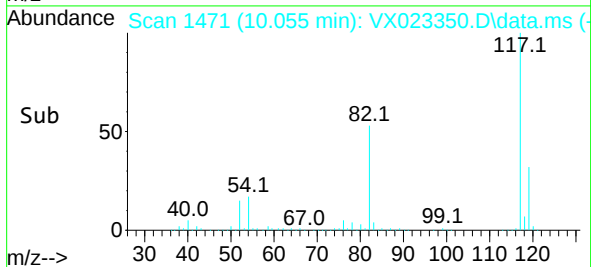
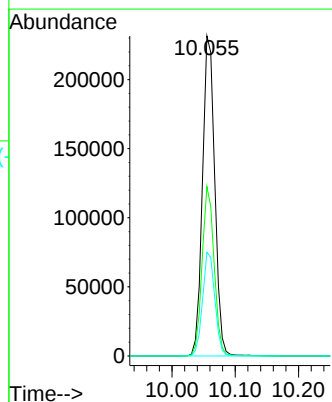
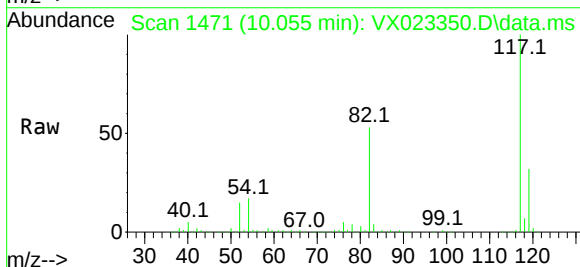
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

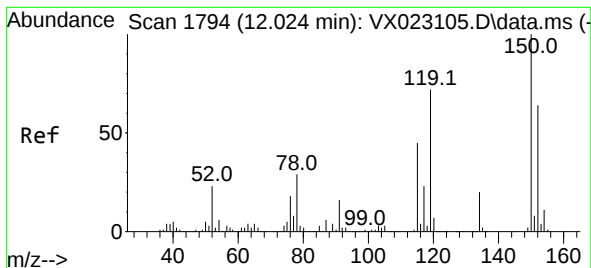
Tgt Ion: 95 Resp: 154927
Ion Ratio Lower Upper
95 100
174 85.1 0.0 154.6
176 80.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 117 Resp: 314333
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 32.4 26.6 39.8

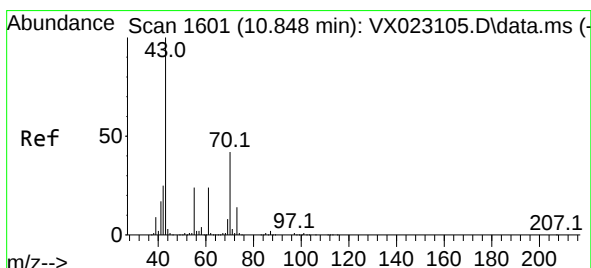
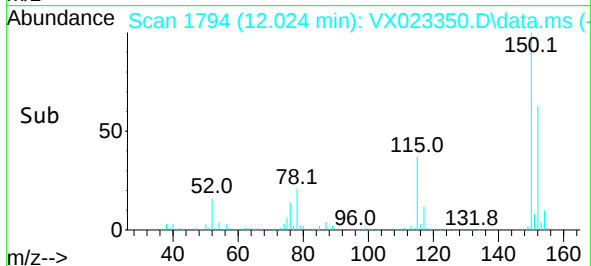
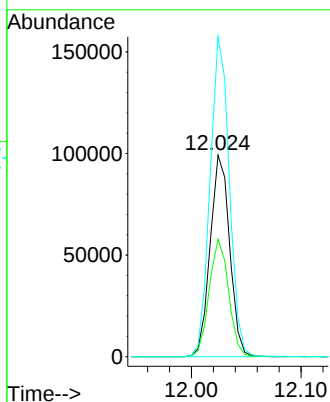
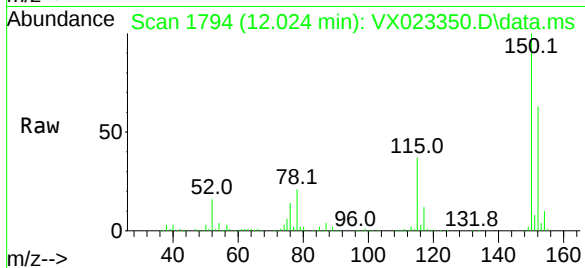




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

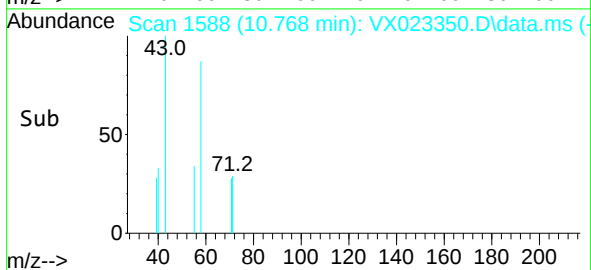
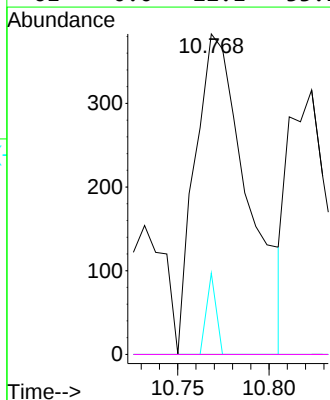
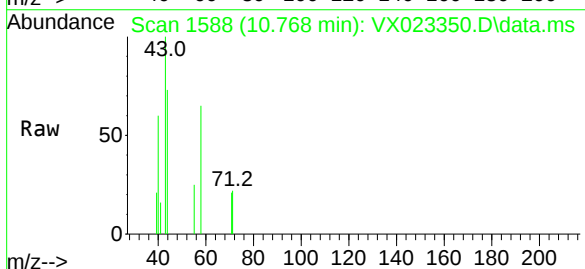
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

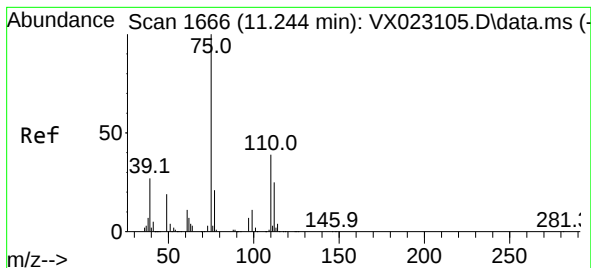
Tgt Ion:152 Resp: 122598
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 156.5 0.0 349.0



#74
N-ethyl acetate
Concen: 0.210 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 4.6 21.5 32.3#
61 0.0 22.1 33.1#

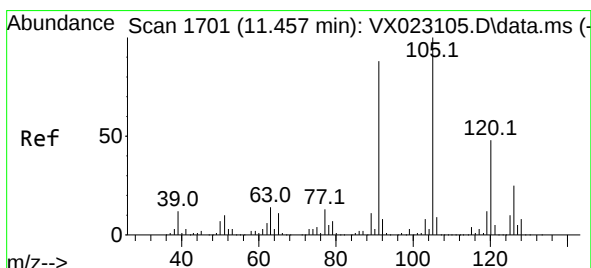
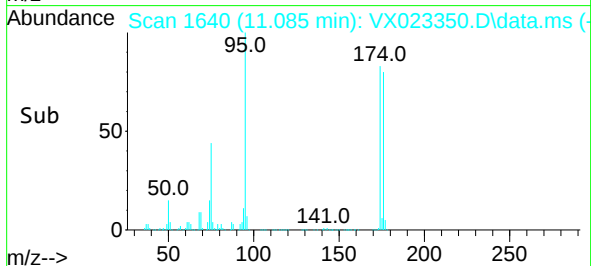
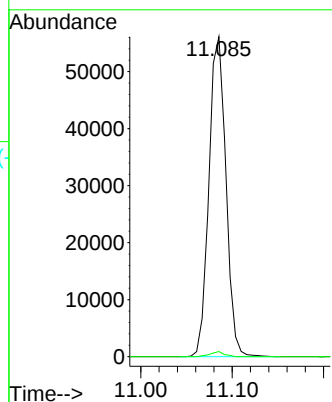
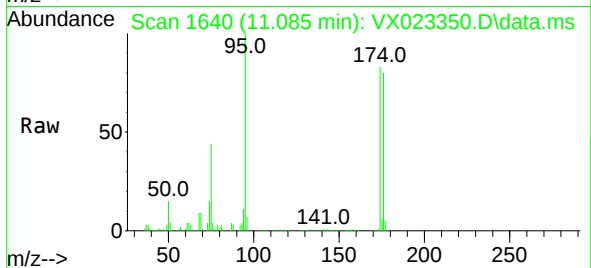




#76
1,2,3-Trichloropropane
Concen: 29.340 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

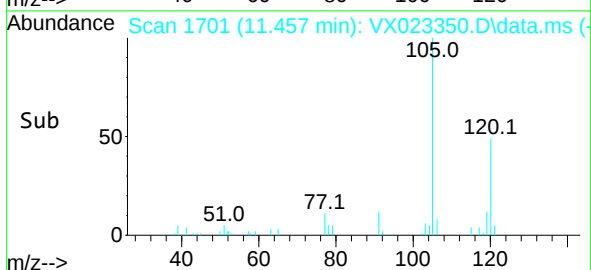
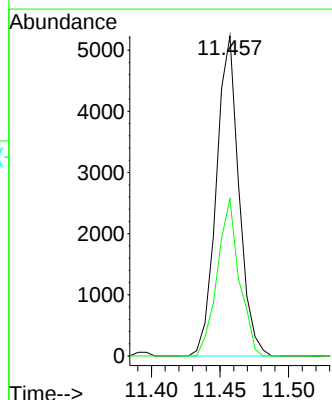
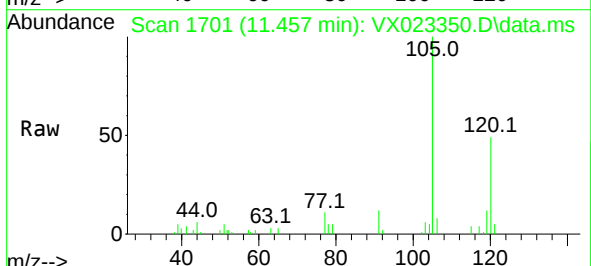
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

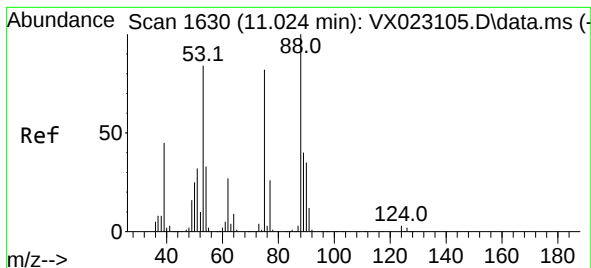
Tgt Ion: 75 Resp: 72384
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.807 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion:105 Resp: 6002
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5

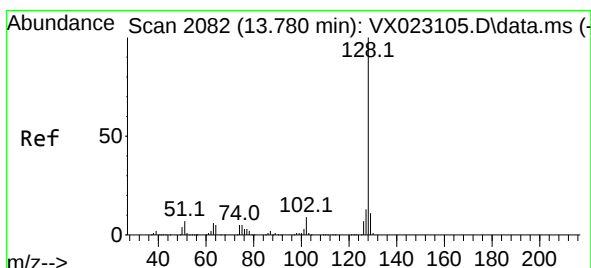
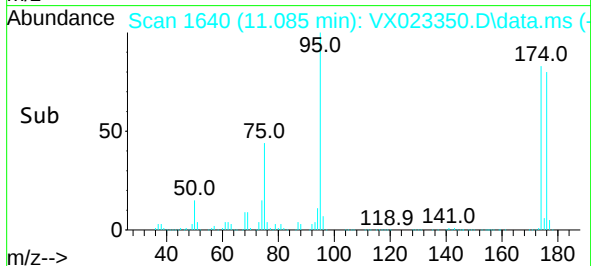
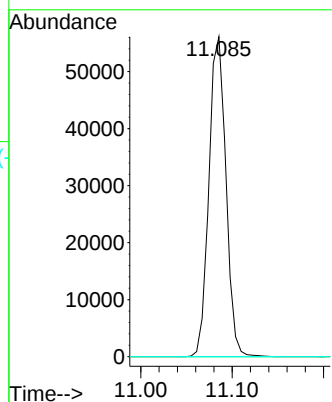
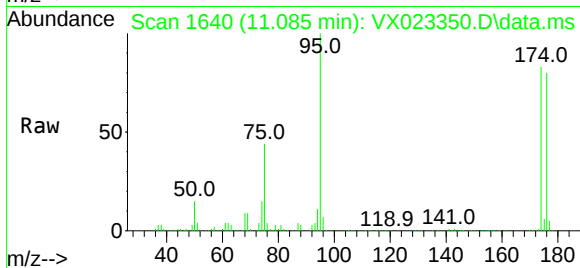




#81
trans-1,4-Dichloro-2-butene
Concen: 78.883 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#15

Tgt Ion: 75 Resp: 72384
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.305 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX023350.D
Acq: 19 Jul 2021 18:48

Tgt Ion: 128 Resp: 273
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

