

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023352.D
 Acq On : 19 Jul 2021 19:36
 Operator : JC/MD
 Sample : PB137749ZHE#17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#17

Quant Time: Jul 20 05:28:23 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)

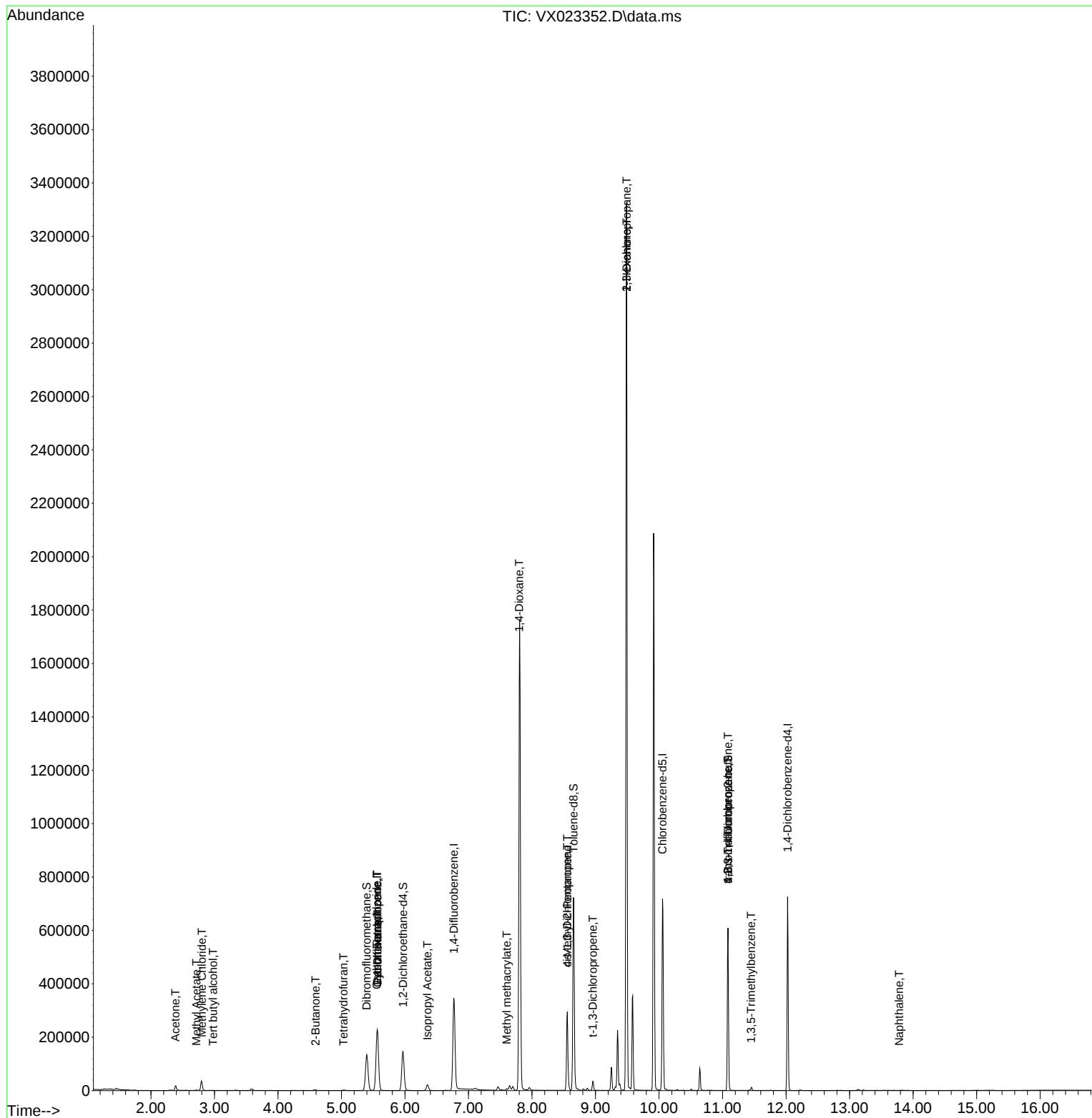
Internal Standards						
1) Pentafluorobenzene	5.562	168	210604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	150899	53.311	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.620%			
35) Dibromofluoromethane	5.397	113	113493	50.687	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	8.653	98	422980	50.642	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.085	95	156641	48.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.160%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	235	Below Cal	#	2
11) Tert butyl alcohol	2.977	59	369	0.620	ug/l #	73
16) Acetone	2.386	43	17729	15.832	ug/l	91
18) Methyl Acetate	2.715	43	1988	0.731	ug/l	90
20) Methylene Chloride	2.800	84	15621	6.479	ug/l	95
25) 2-Butanone	4.593	43	4857	2.876	ug/l	93
29) Tetrahydrofuran	5.032	42	1611	1.484	ug/l #	86
31) Cyclohexane	5.568	56	4502	1.328	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	16901	5.468	ug/l #	49
38) Carbon Tetrachloride	5.556	117	22322	6.918	ug/l #	18
43) Isopropyl Acetate	6.355	43	28871	5.147	ug/l	93
48) Methyl methacrylate	7.604	41	7554	2.745	ug/l #	10
49) 1,4-Dioxane	7.799	88	213	3.439	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	101916	29.324	ug/l #	45
53) t-1,3-Dichloropropene	8.958	75	20	2.741	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	44952	12.867	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	27920	6.926	ug/l #	43
59) 2-Hexanone	9.488	43	390994	146.621	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	82321	29.328	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	5628	0.665	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.085	75	82321	78.853	ug/l #	12
95) Naphthalene	13.780	128	230	1.297	ug/l #	69

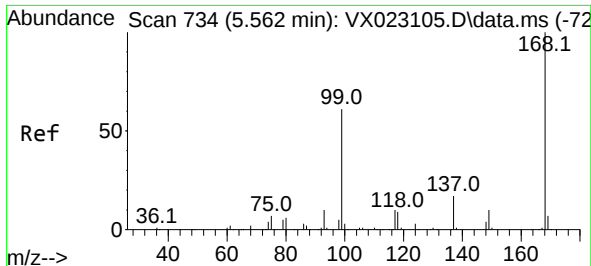
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
Data File : VX023352.D
Acq On : 19 Jul 2021 19:36
Operator : JC/MD
Sample : PB137749ZHE#17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

Quant Time: Jul 20 05:28:23 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

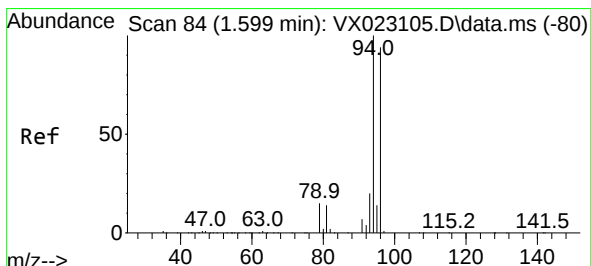
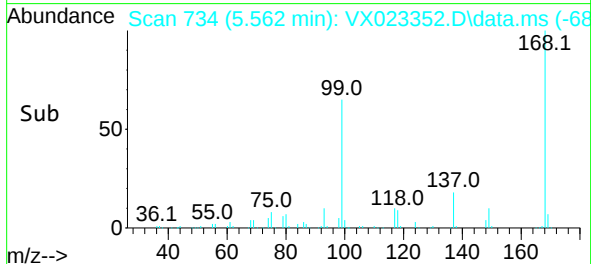
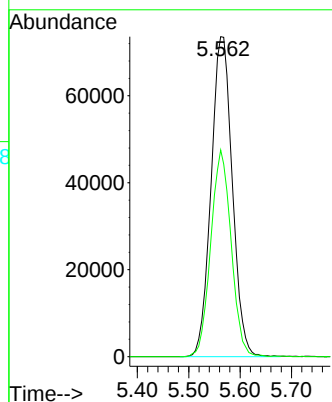
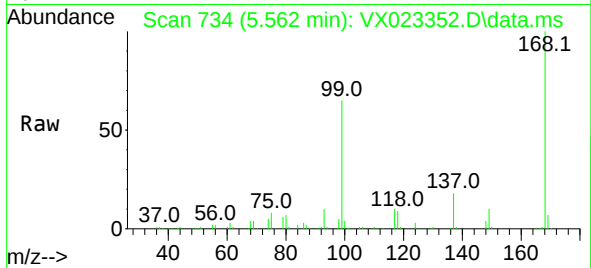




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

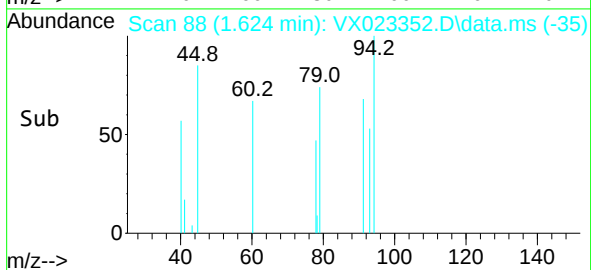
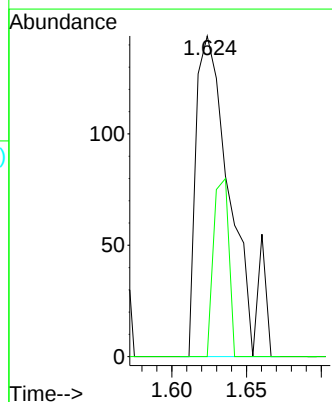
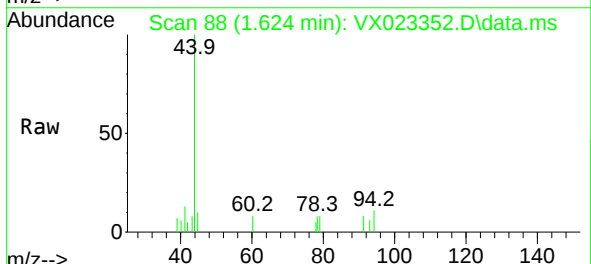
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

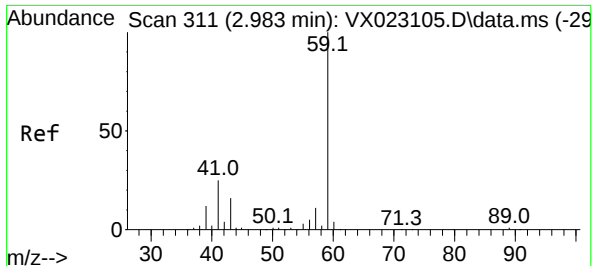
Tgt Ion:168 Resp: 210604
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



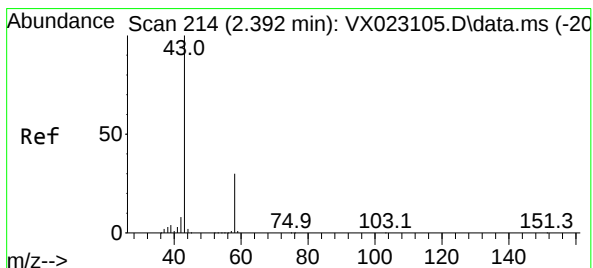
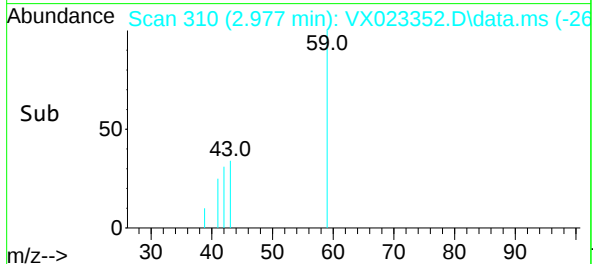
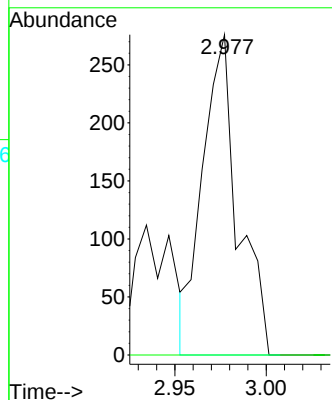
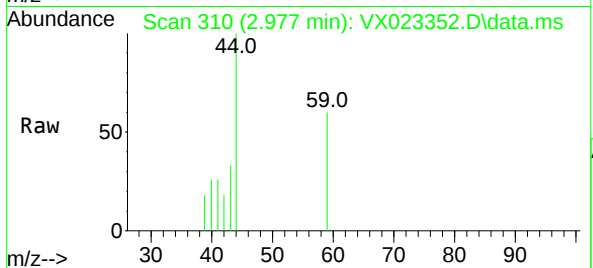


#11

Tert butyl alcohol
Concen: 0.620 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

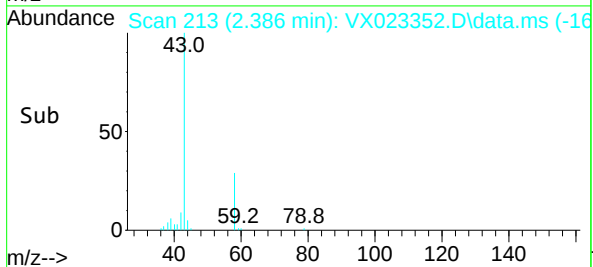
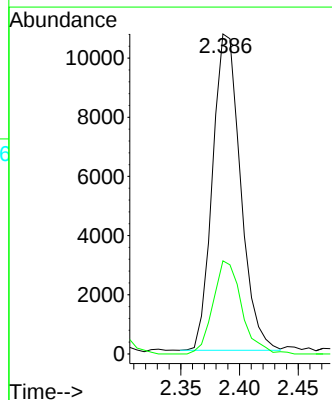
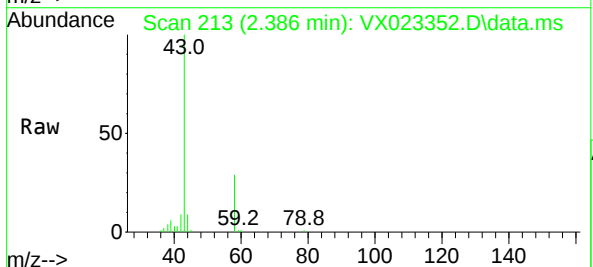
Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

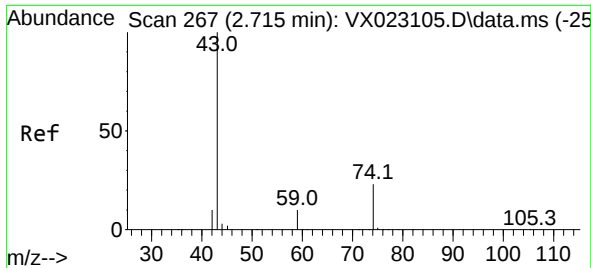


#16

Acetone
Concen: 15.832 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 43 Resp: 17729
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8

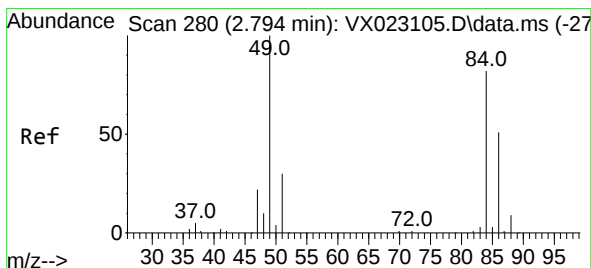
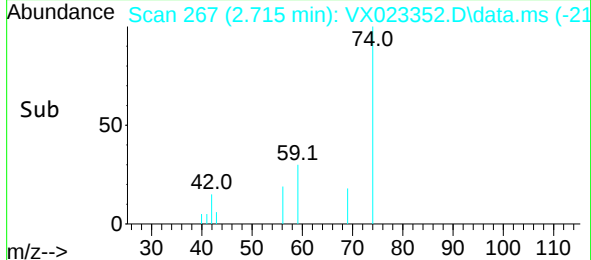
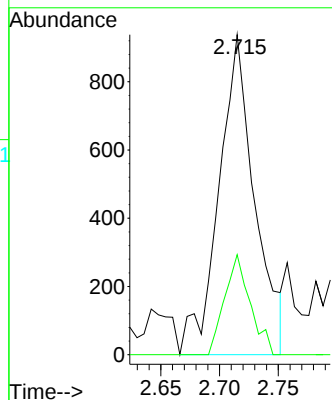
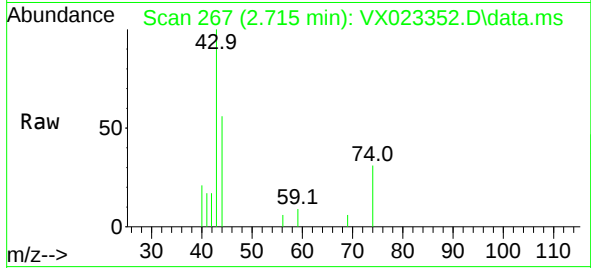




#18
Methyl Acetate
Concen: 0.731 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

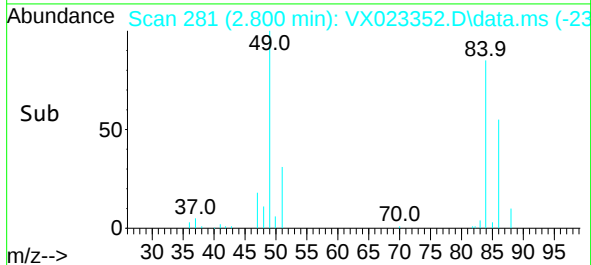
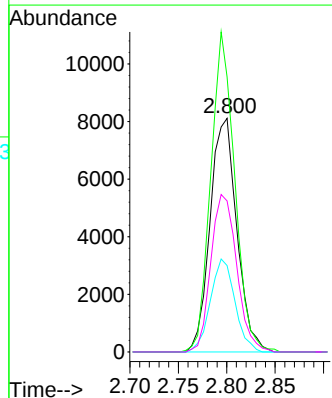
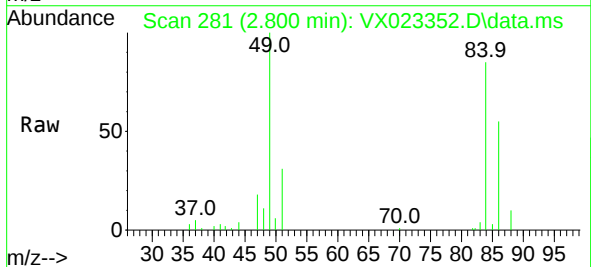
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

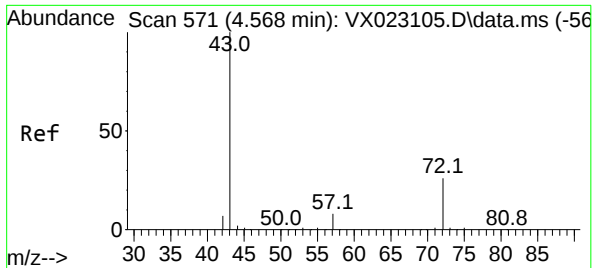
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
74 22.3 21.9 32.9



#20
Methylene Chloride
Concen: 6.479 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 84 Resp: 15621
Ion Ratio Lower Upper
84 100
49 117.7 88.6 132.8
51 37.0 27.0 40.6
86 64.6 50.3 75.5

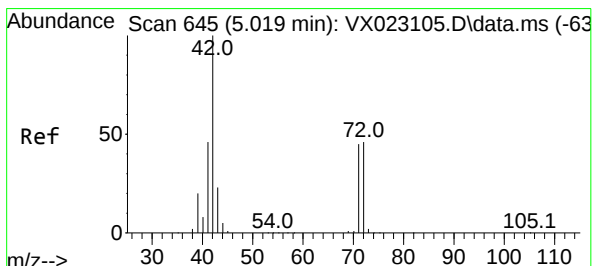
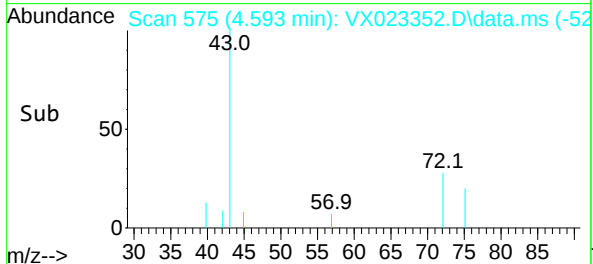
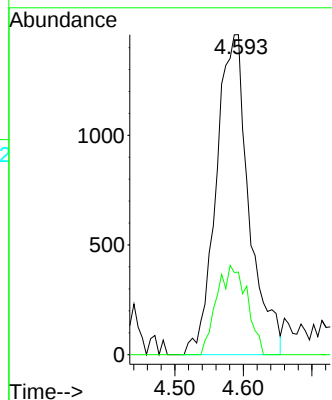
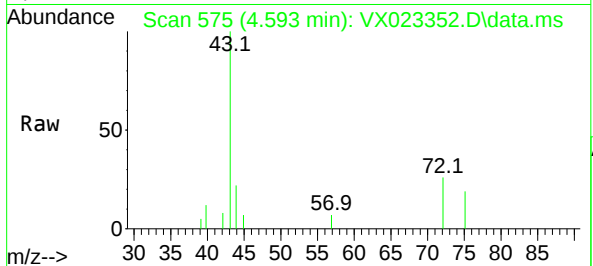




#25
2-Butanone
Concen: 2.876 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

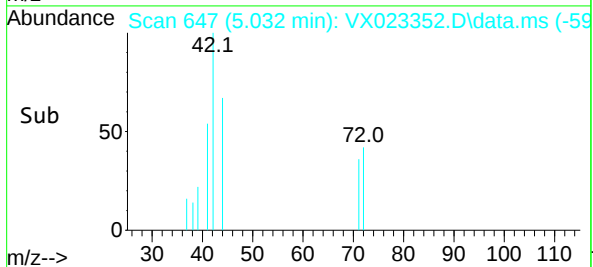
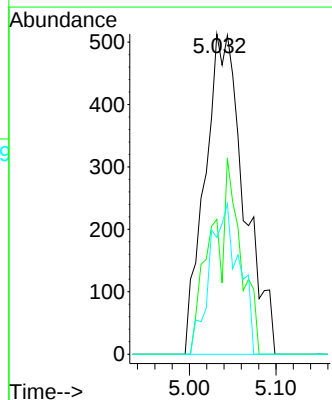
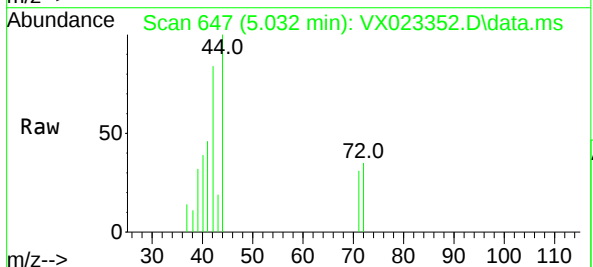
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

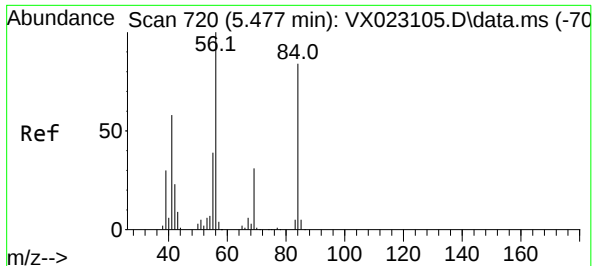
Tgt Ion: 43 Resp: 4857
Ion Ratio Lower Upper
43 100
72 25.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.484 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 42 Resp: 1611
Ion Ratio Lower Upper
42 100
72 44.9 41.7 62.5
71 35.4 38.4 57.6#

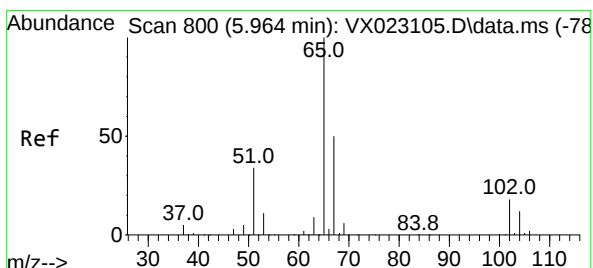
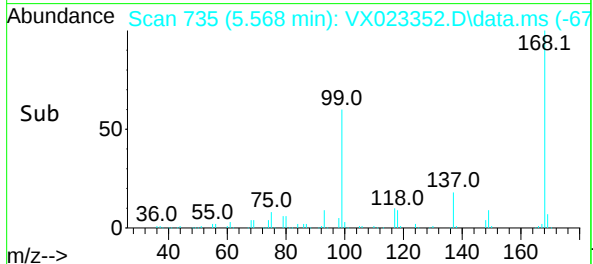
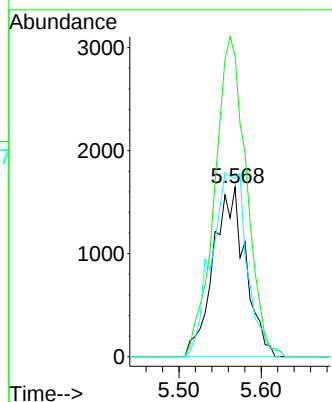
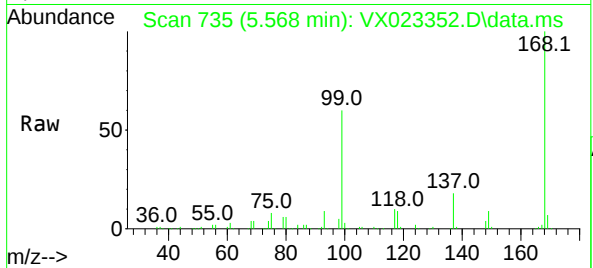




#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

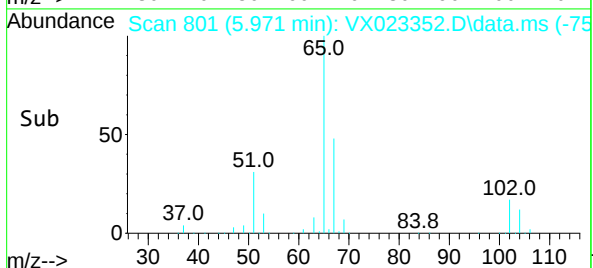
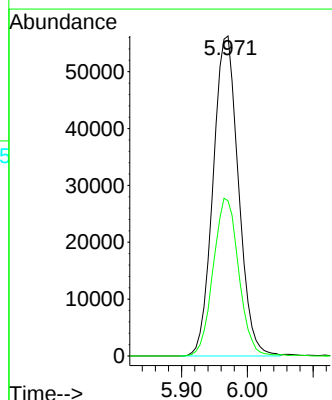
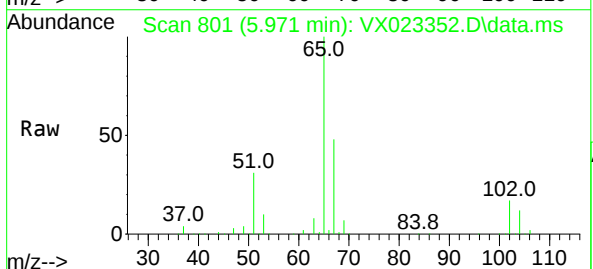
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

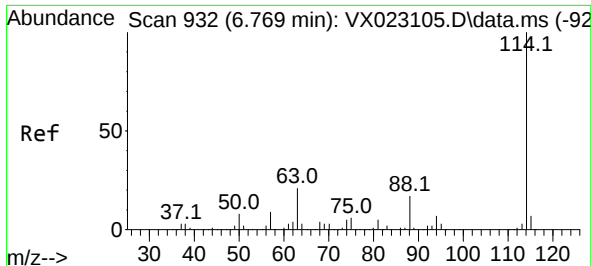
Tgt Ion: 56 Resp: 4502
Ion Ratio Lower Upper
56 100
69 177.5 25.3 37.9#
84 105.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.311 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 65 Resp: 150899
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

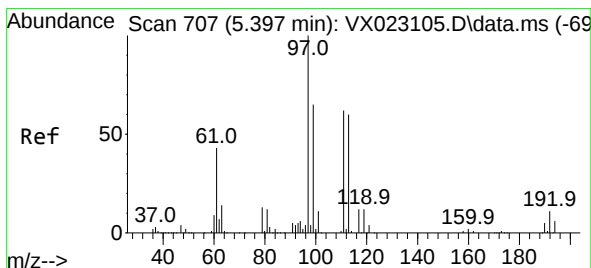
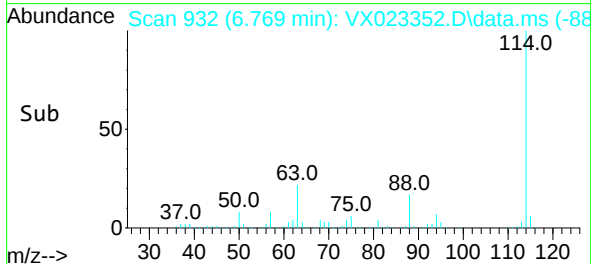
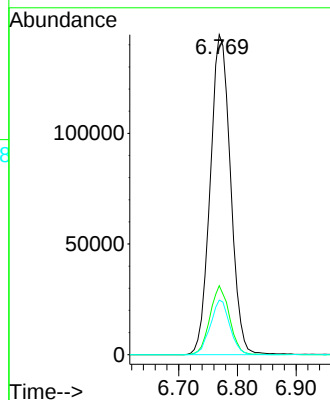
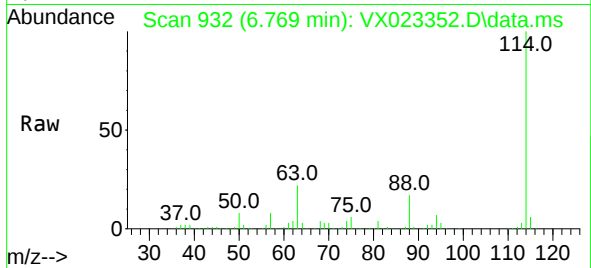




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

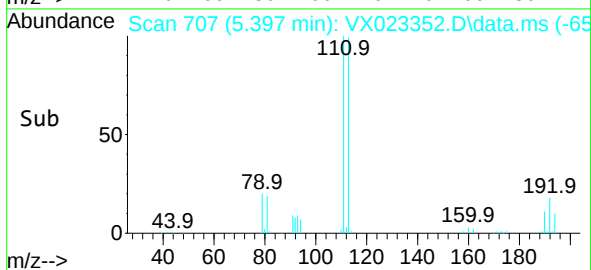
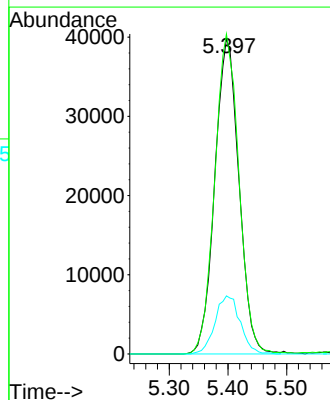
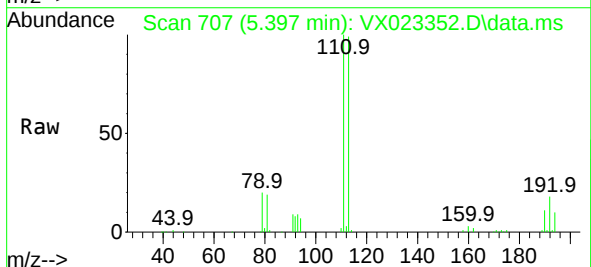
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

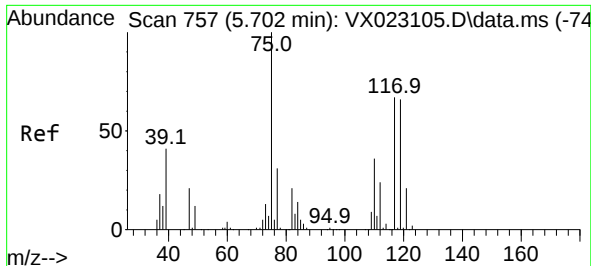
Tgt Ion:114 Resp: 346737
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.687 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion:113 Resp: 113493
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.2 16.7 25.1

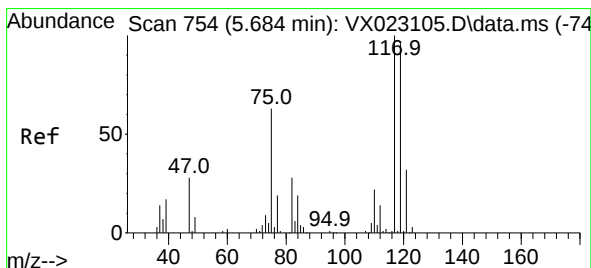
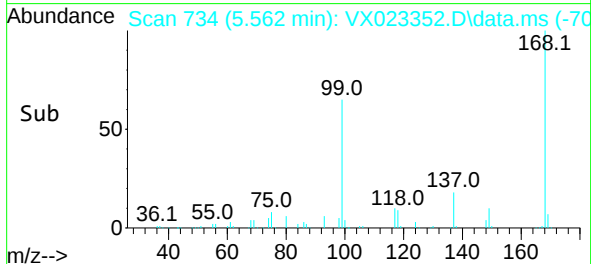
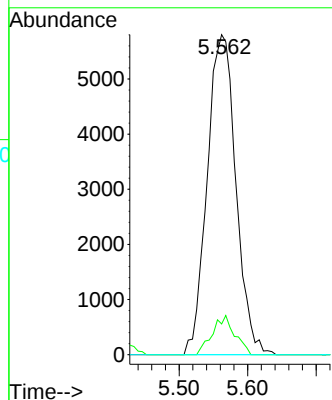
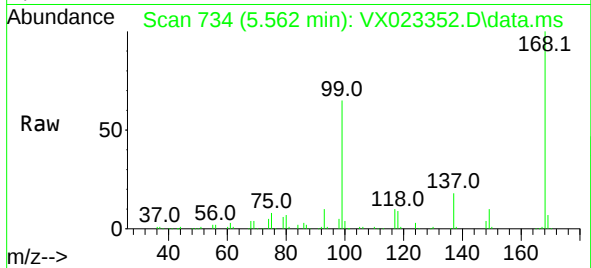




#36
1,1-Dichloropropene
Concen: 5.468 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

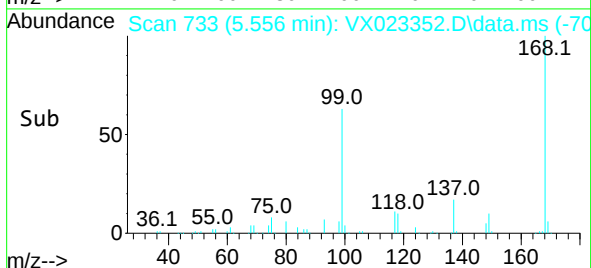
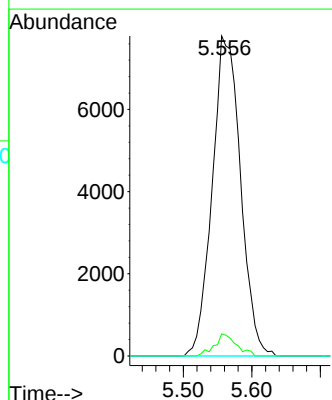
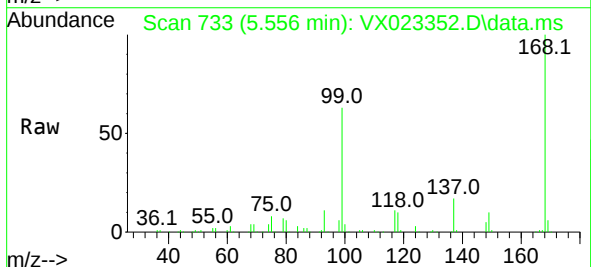
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

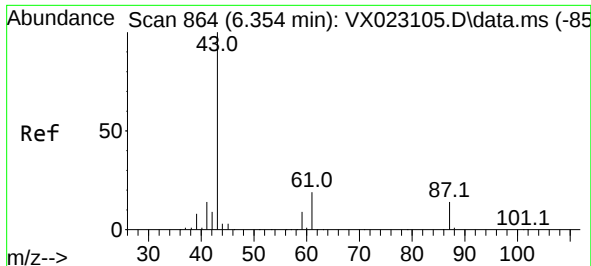
Tgt Ion: 75 Resp: 16901
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.918 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 117 Resp: 22322
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#

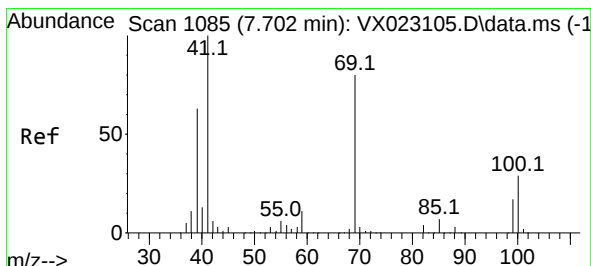
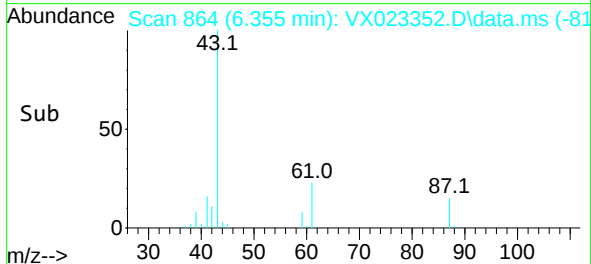
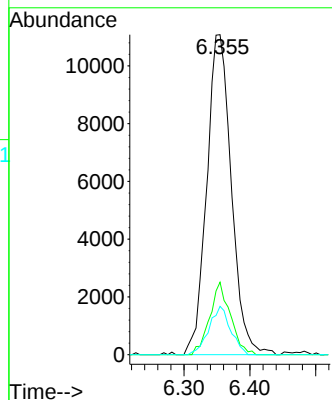
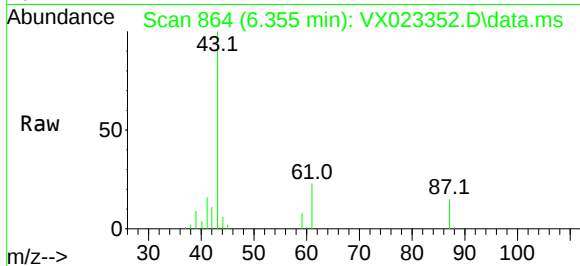




#43
Isopropyl Acetate
Concen: 5.147 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

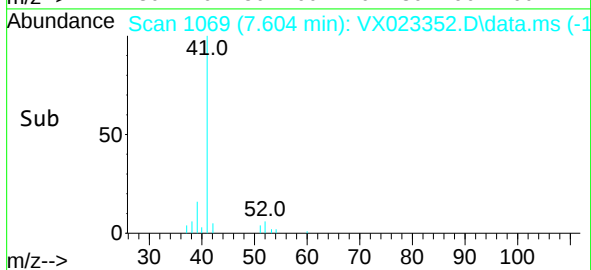
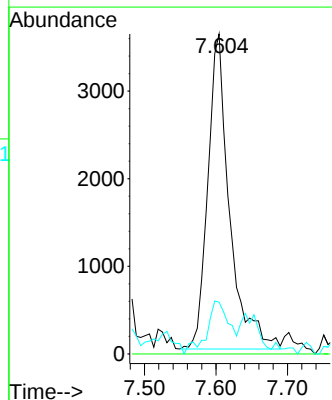
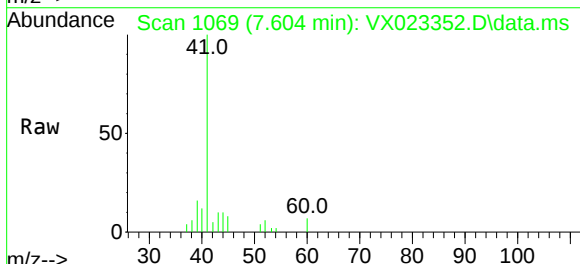
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

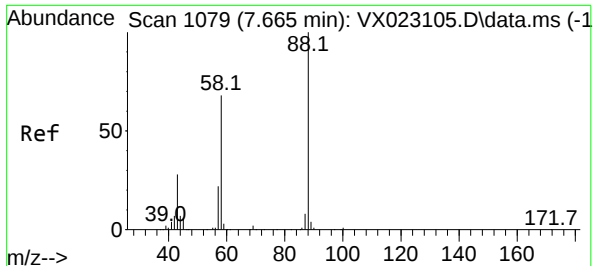
Tgt Ion: 43 Resp: 28871
Ion Ratio Lower Upper
43 100
61 19.0 18.2 27.4
87 13.2 12.5 18.7



#48
Methyl methacrylate
Concen: 2.745 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 41 Resp: 7554
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

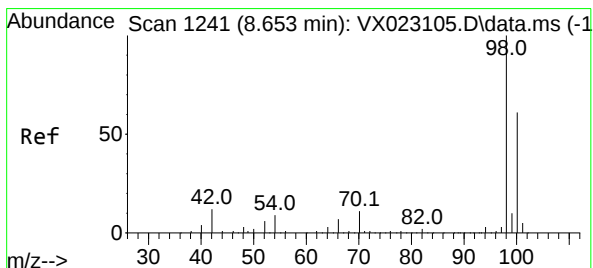
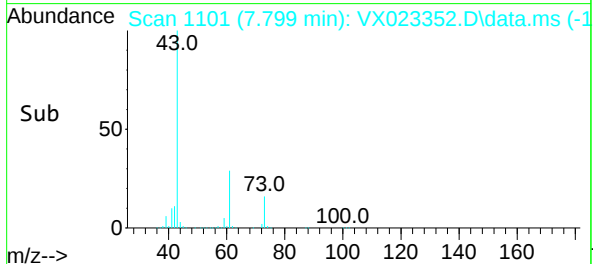
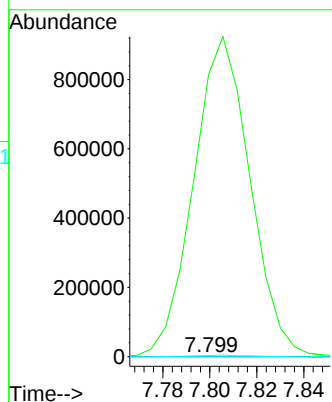
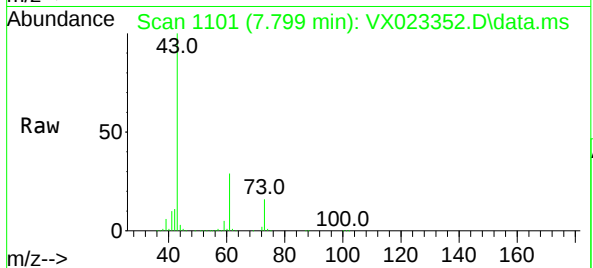




#49
1,4-Dioxane
Concen: 3.439 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

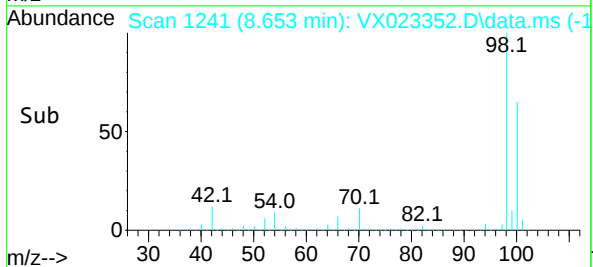
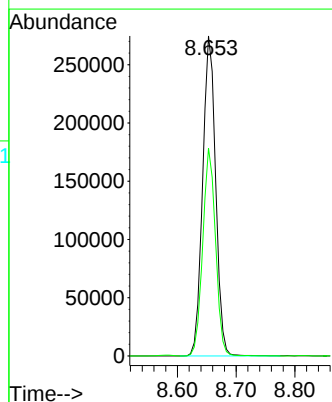
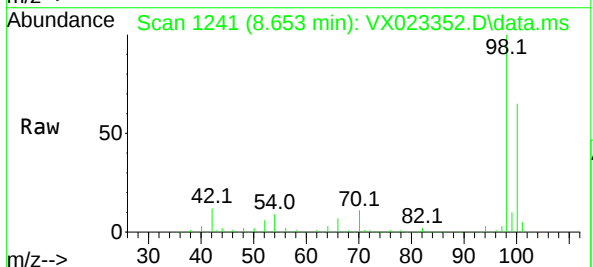
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

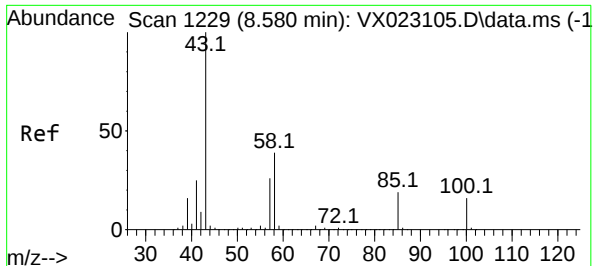
Tgt Ion: 88 Resp: 213
Ion Ratio Lower Upper
88 100
43 729185.4 23.2 34.8#
58 3307.5 55.0 82.4#



#50
Toluene-d8
Concen: 50.642 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 98 Resp: 422980
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

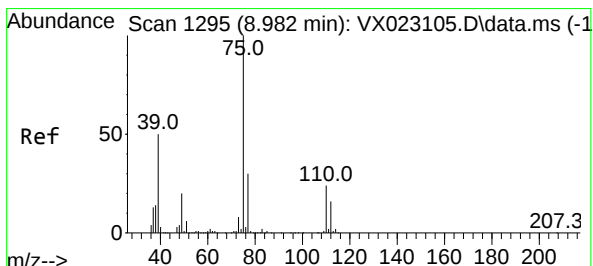
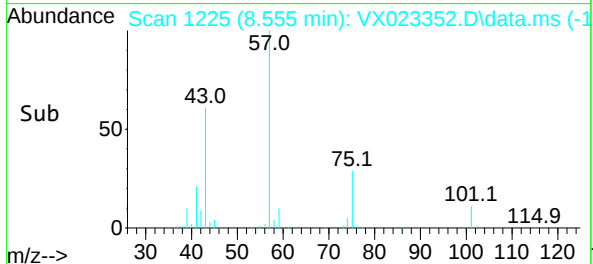
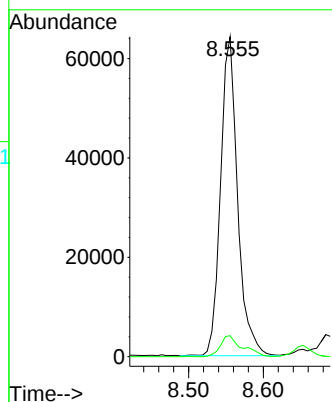
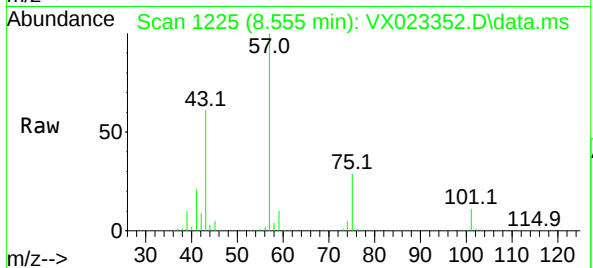




#51
4-Methyl-2-Pentanone
Concen: 29.324 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

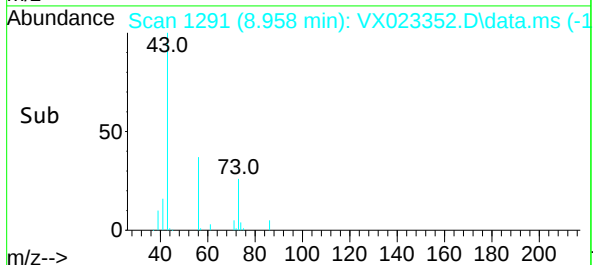
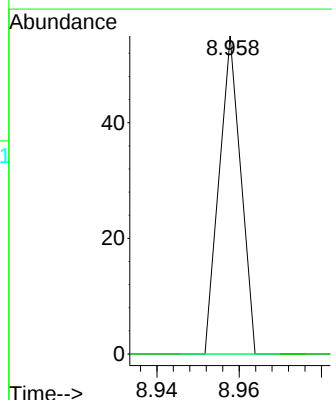
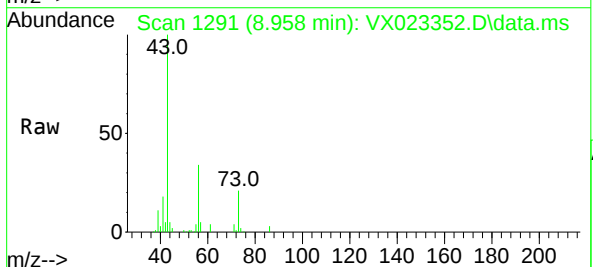
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

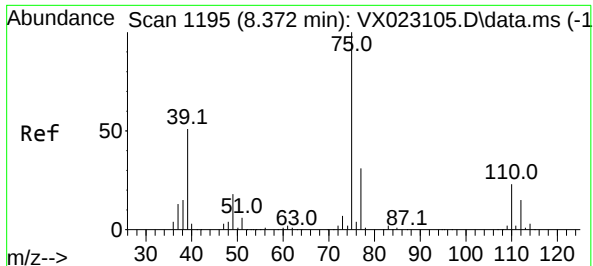
Tgt Ion: 43 Resp: 101916
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.741 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

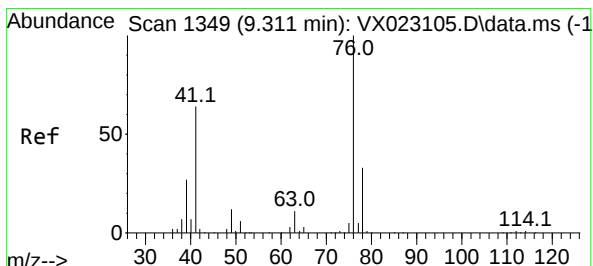
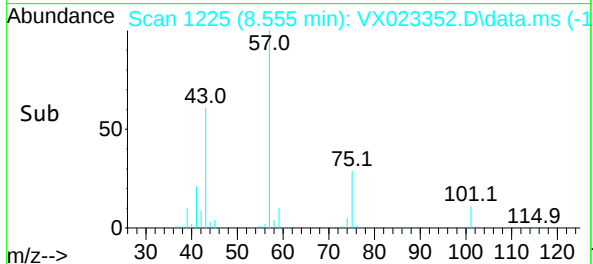
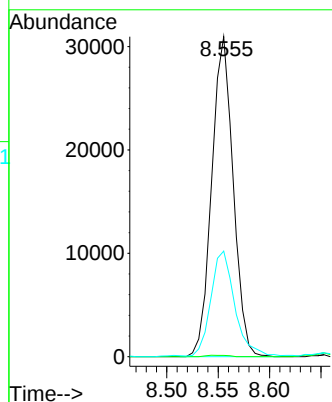
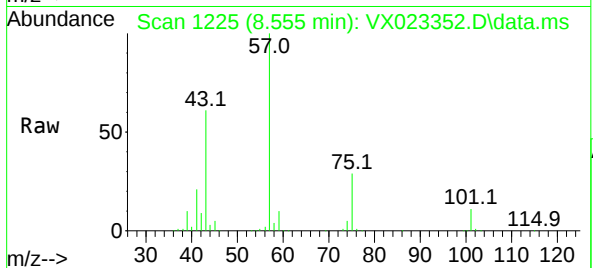




#54
 cis-1,3-Dichloropropene
 Concen: 12.867 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023352.D
 Acq: 19 Jul 2021 19:36

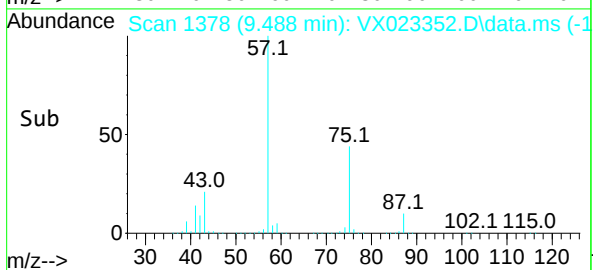
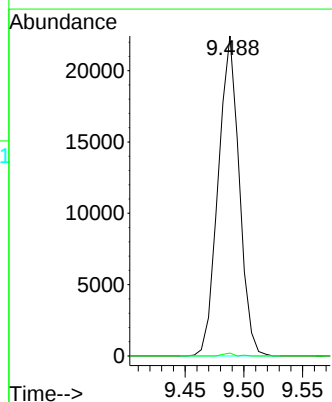
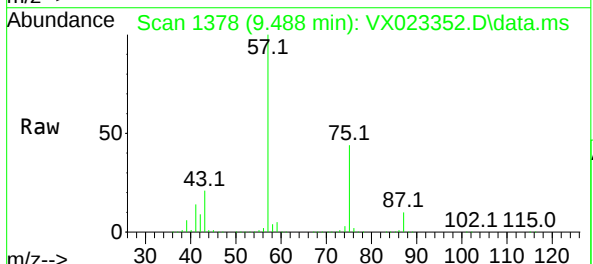
Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#17

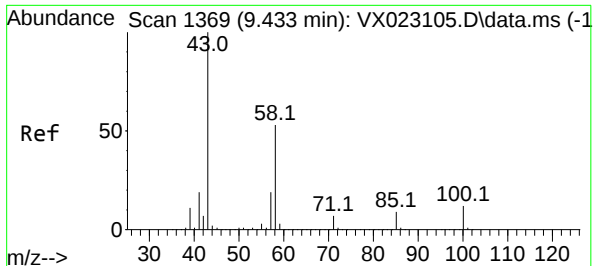
Tgt Ion: 75 Resp: 44952
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.7 38.5#
 39 32.7 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 6.926 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX023352.D
 Acq: 19 Jul 2021 19:36

Tgt Ion: 76 Resp: 27920
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.2 39.2#

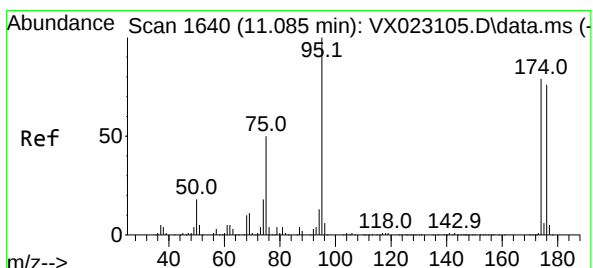
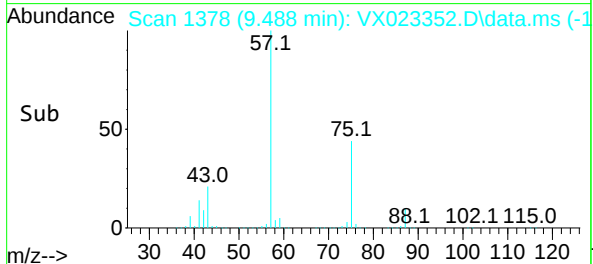
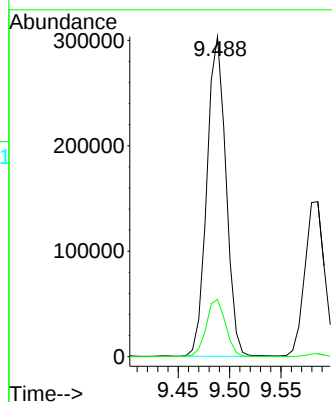
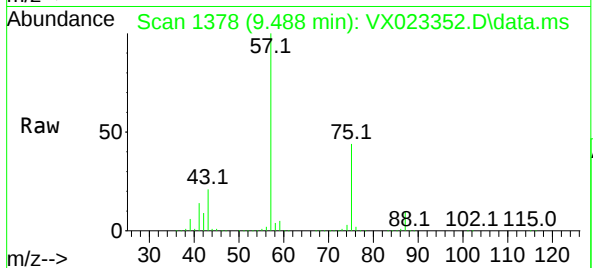




#59
2-Hexanone
Concen: 146.621 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

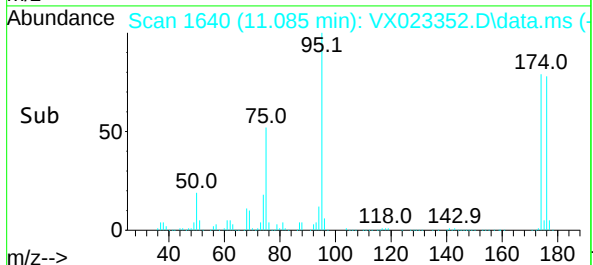
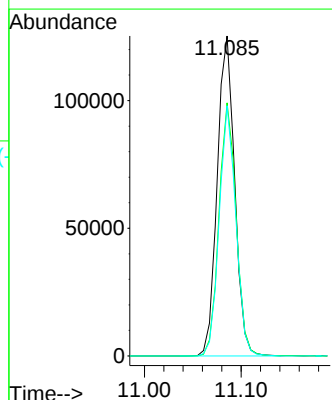
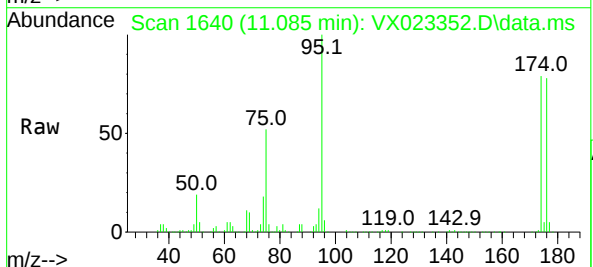
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

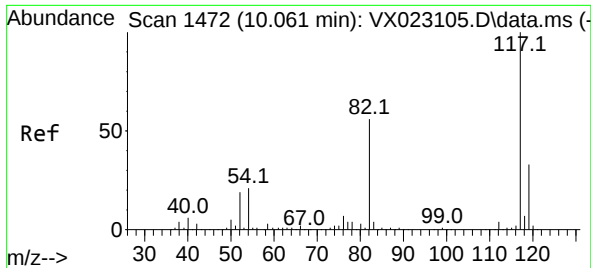
Tgt Ion: 43 Resp: 390994
Ion Ratio Lower Upper
43 100
58 18.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.579 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion: 95 Resp: 156641
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.5 0.0 155.8

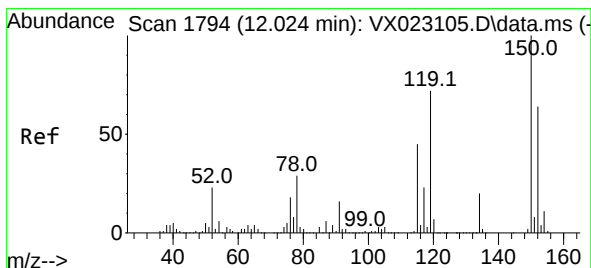
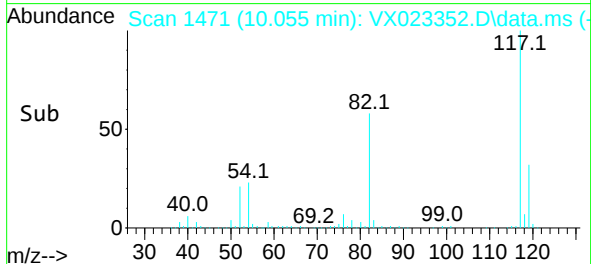
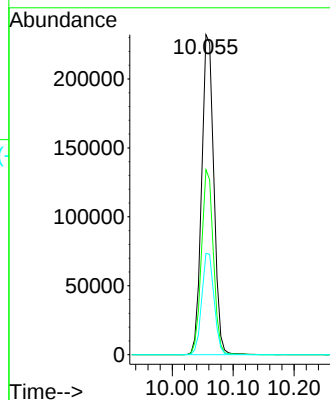
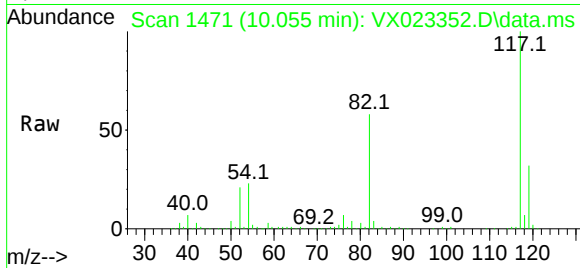




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

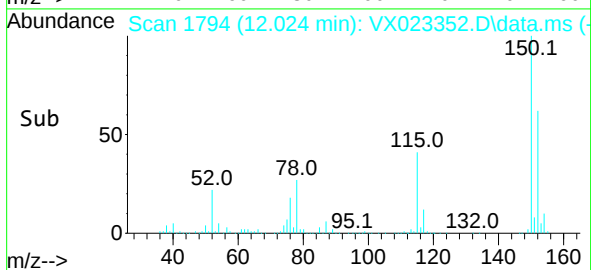
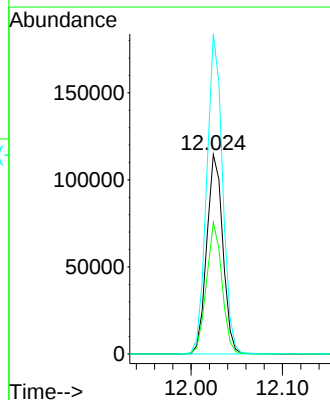
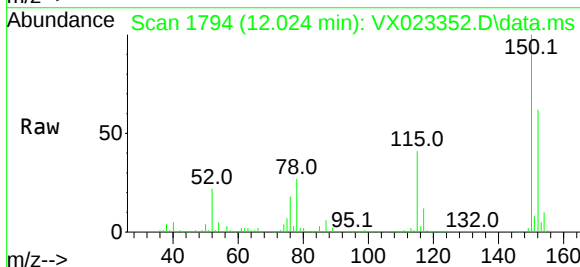
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

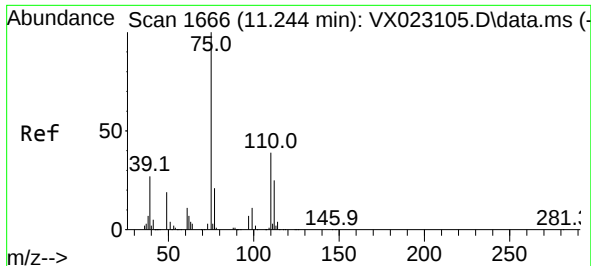
Tgt Ion:117 Resp: 322831
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

Tgt Ion:152 Resp: 139485
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 158.3 0.0 349.0

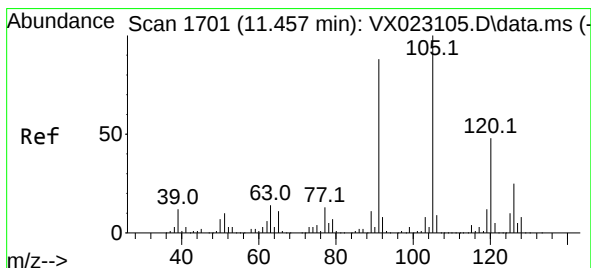
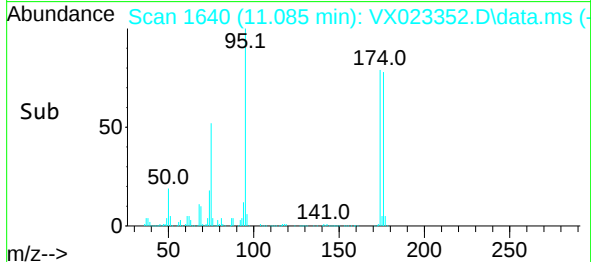
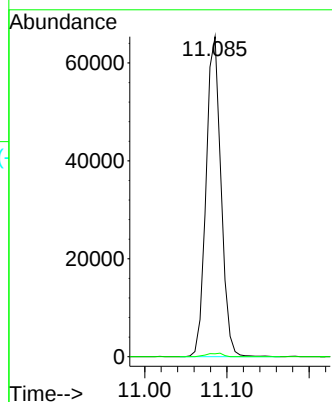
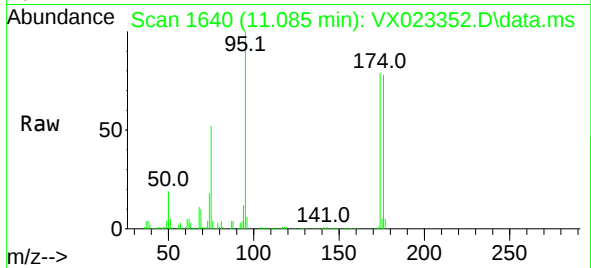




#76
1,2,3-Trichloropropane
Concen: 29.328 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

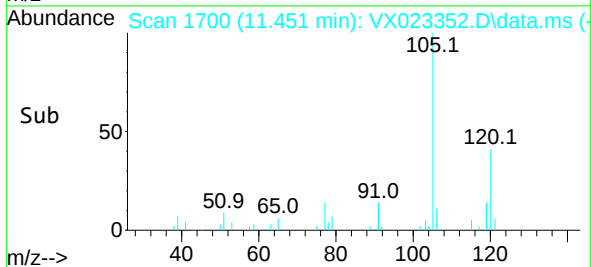
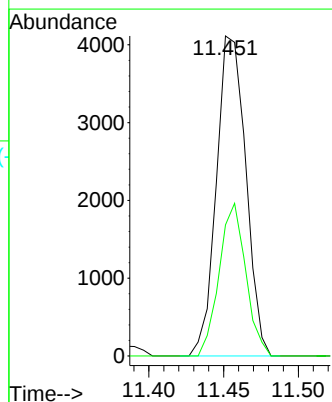
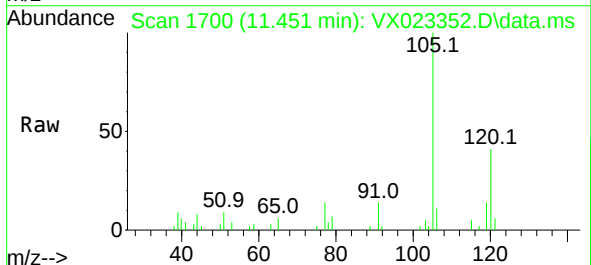
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17

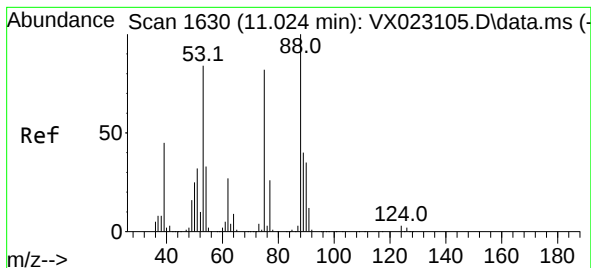
Tgt Ion: 75 Resp: 82321
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.665 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

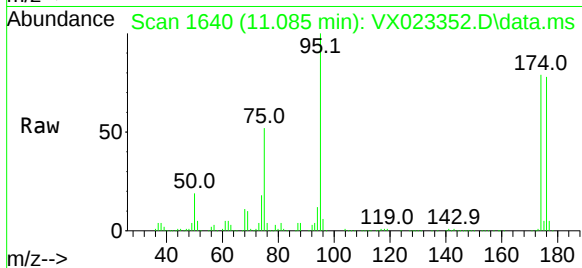
Tgt Ion: 105 Resp: 5628
Ion Ratio Lower Upper
105 100
120 43.1 23.8 71.5



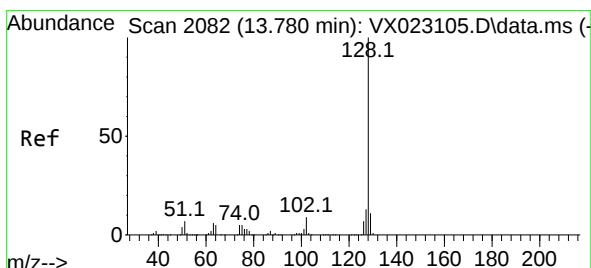
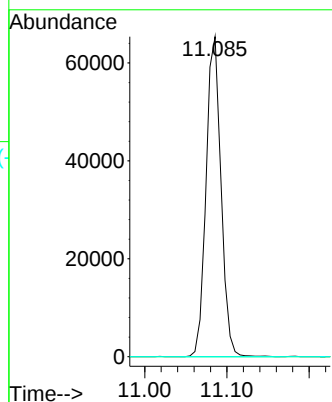
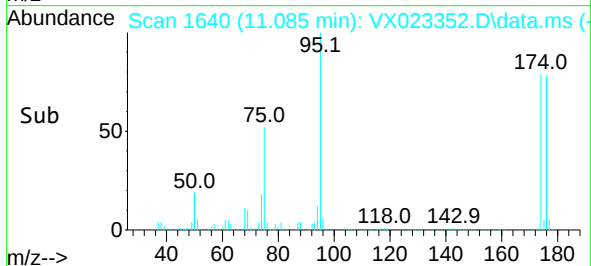


#81
trans-1,4-Dichloro-2-butene
Concen: 78.853 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36

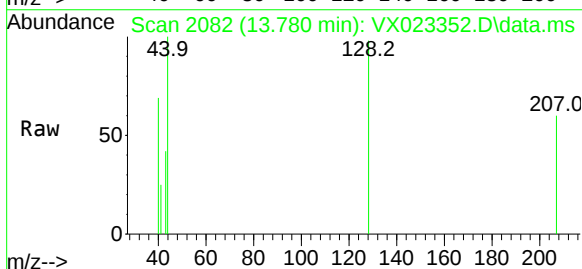
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#17



Tgt Ion: 75 Resp: 82321
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023352.D
Acq: 19 Jul 2021 19:36



Tgt Ion: 128 Resp: 230
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

