

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023351.D
 Acq On : 19 Jul 2021 19:12
 Operator : JC/MD
 Sample : PB137749ZHE#16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#16

Quant Time: Jul 20 05:28:07 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)

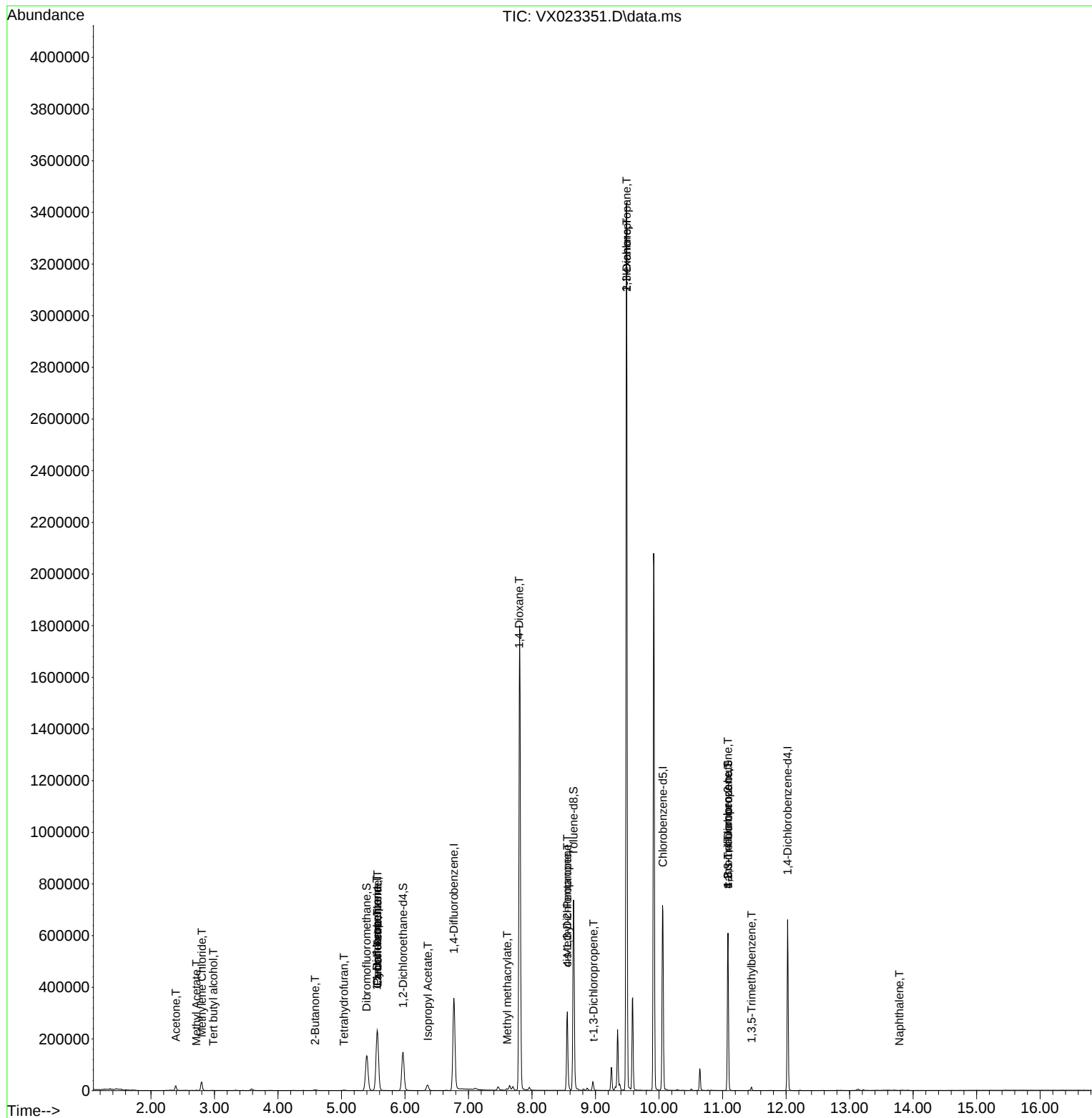
Internal Standards						
1) Pentafluorobenzene	5.562	168	216436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	355611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	326486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	153924	52.915	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.820%
35) Dibromofluoromethane	5.397	113	115106	50.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	8.653	98	426384	49.776	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.085	95	159319	48.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.360%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	165	Below Cal	#	53
11) Tert butyl alcohol	2.983	59	285	0.466	ug/l #	73
16) Acetone	2.392	43	18852	16.381	ug/l #	82
18) Methyl Acetate	2.715	43	1994	0.714	ug/l #	76
20) Methylene Chloride	2.800	84	14819	5.981	ug/l	92
25) 2-Butanone	4.586	43	4831	2.784	ug/l #	87
29) Tetrahydrofuran	5.037	42	1575	1.412	ug/l #	72
31) Cyclohexane	5.562	56	4595	1.319	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	16616	5.241	ug/l #	50
38) Carbon Tetrachloride	5.568	117	22507	6.802	ug/l #	15
43) Isopropyl Acetate	6.360	43	29120	5.062	ug/l	98
48) Methyl methacrylate	7.610	41	8436	2.989	ug/l #	10
49) 1,4-Dioxane	7.799	88	268	4.219	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	105045	29.470	ug/l #	45
53) t-1,3-Dichloropropene	8.970	75	109	2.763	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	46261	12.904	ug/l #	68
57) 1,3-Dichloropropane	9.488	76	28141	6.806	ug/l #	42
59) 2-Hexanone	9.488	43	395250	144.519	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	82639	28.901	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	6057	0.703	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	82639	77.774	ug/l #	12
95) Naphthalene	13.786	128	243	1.298	ug/l #	69

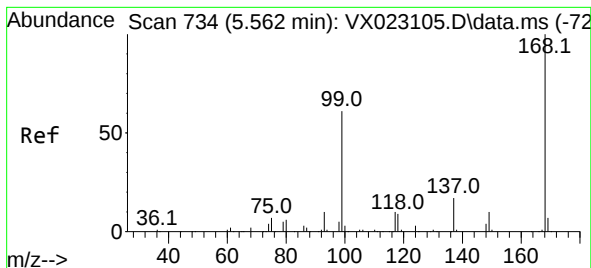
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX023351.D

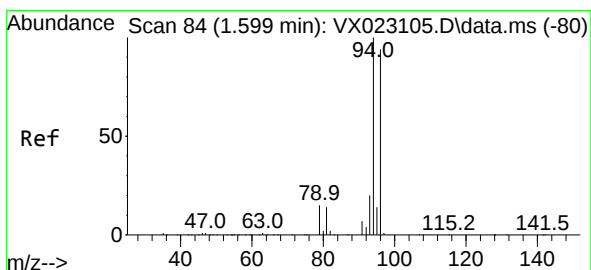
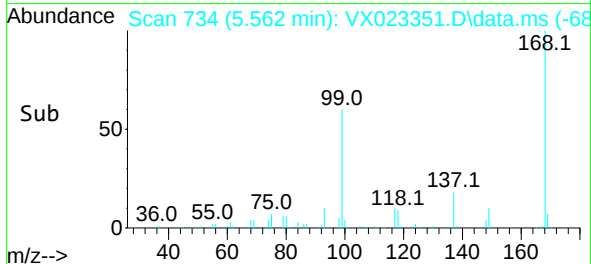
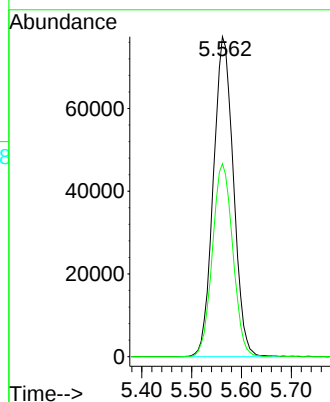
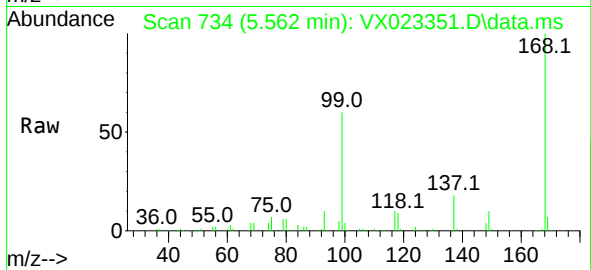
Acq: 19 Jul 2021 19:12

Tgt Ion:168 Resp: 216436

Ion Ratio Lower Upper

168 100

99 60.3 45.8 68.6



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX023351.D

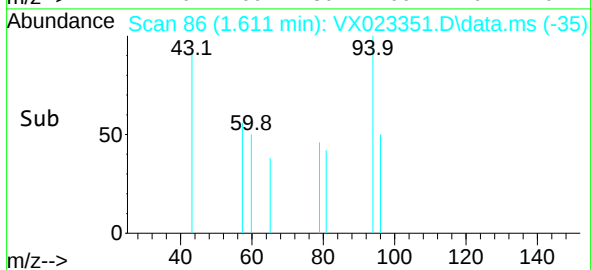
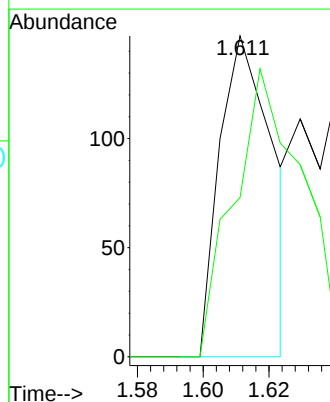
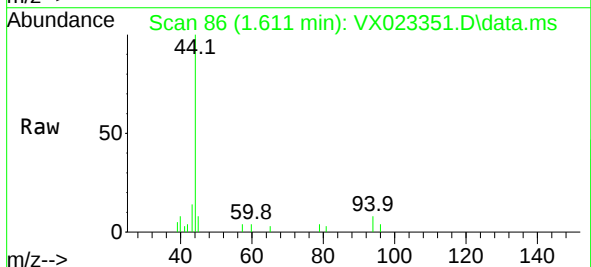
Acq: 19 Jul 2021 19:12

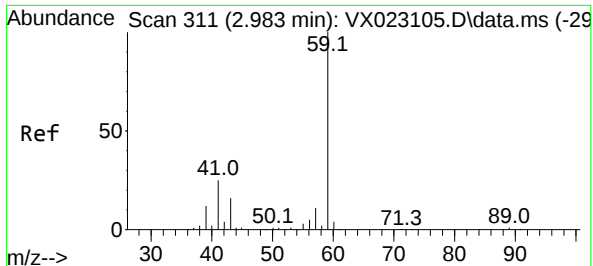
Tgt Ion: 94 Resp: 165

Ion Ratio Lower Upper

94 100

96 49.7 76.4 114.6#

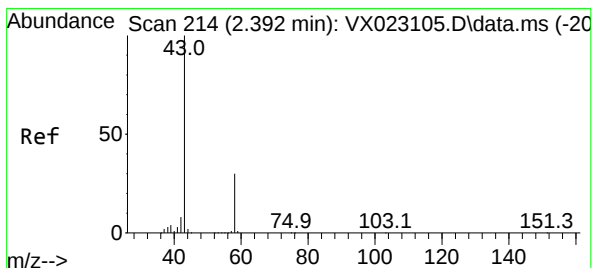
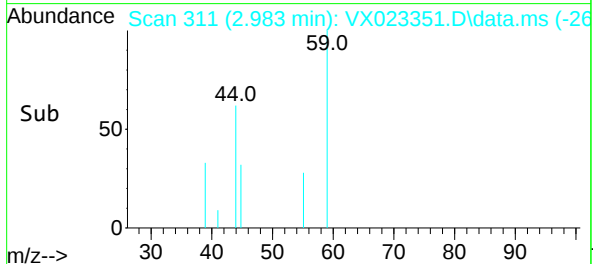
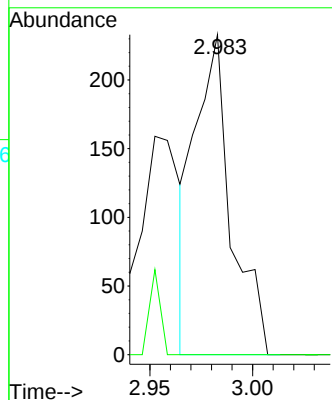
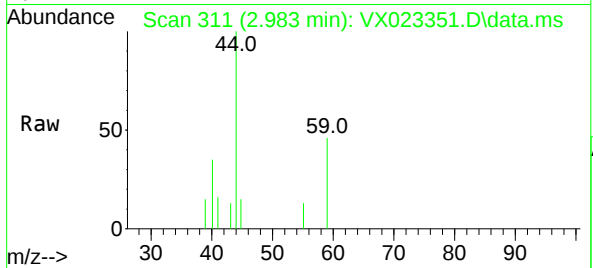




#11
Tert butyl alcohol
Concen: 0.466 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

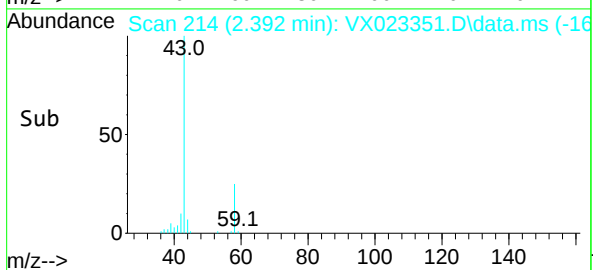
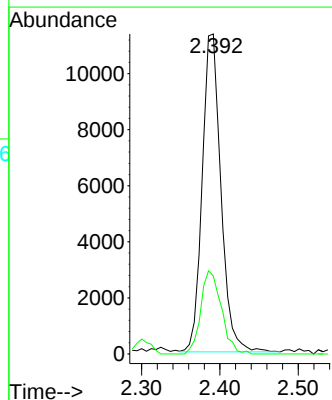
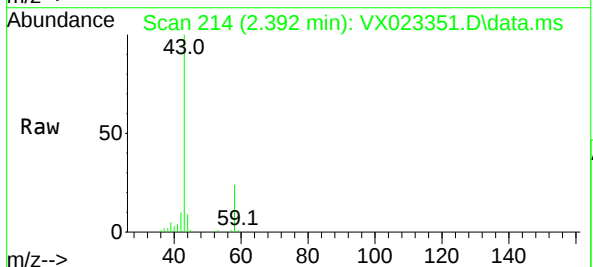
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

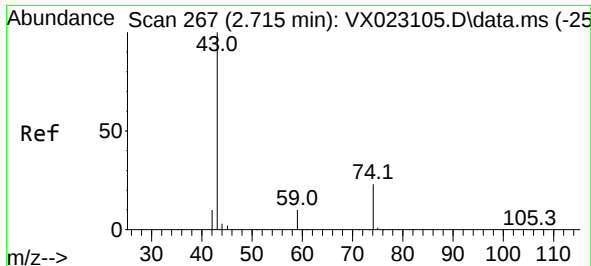
Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 16.381 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 43 Resp: 18852
Ion Ratio Lower Upper
43 100
58 24.5 27.8 41.8#

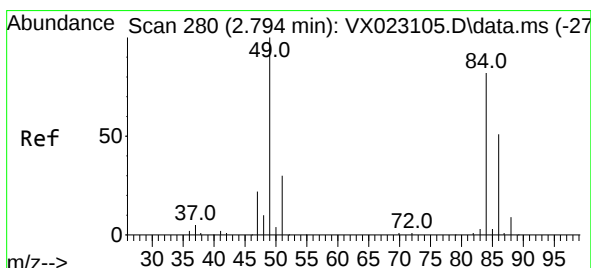
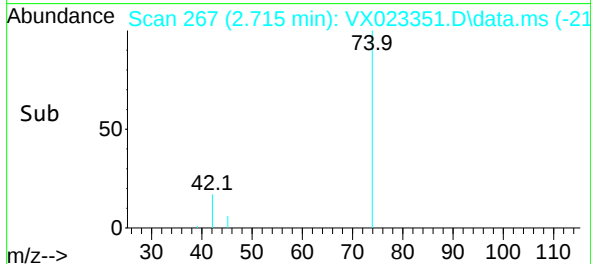
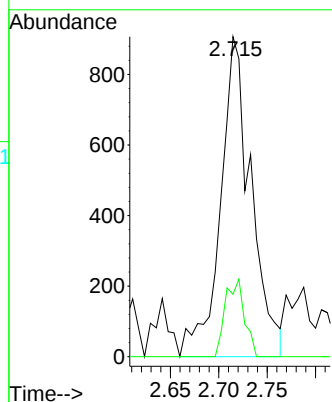
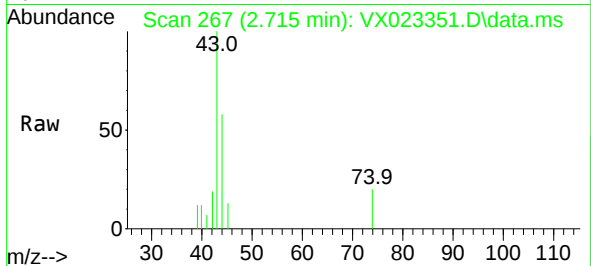




#18
Methyl Acetate
Concen: 0.714 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

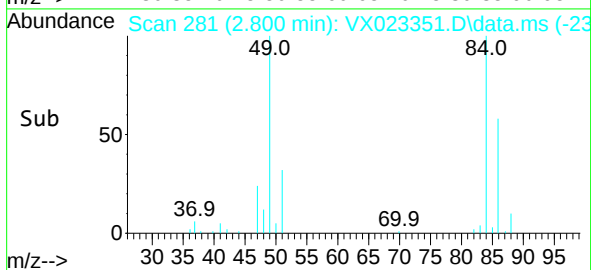
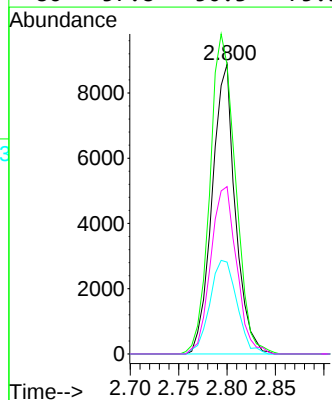
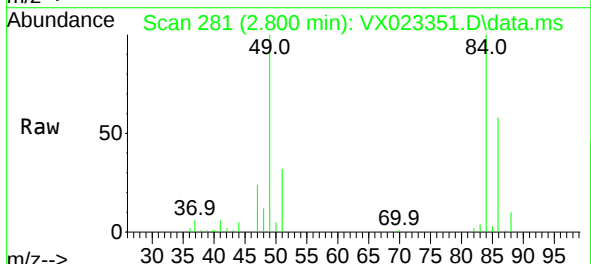
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

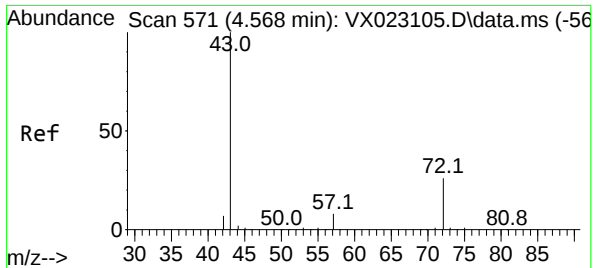
Tgt Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
74 15.1 21.9 32.9#



#20
Methylene Chloride
Concen: 5.981 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 84 Resp: 14819
Ion Ratio Lower Upper
84 100
49 99.8 88.6 132.8
51 31.7 27.0 40.6
86 57.8 50.3 75.5

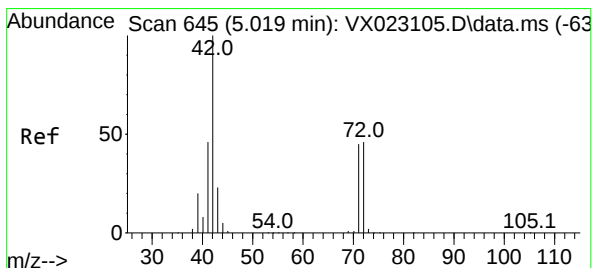
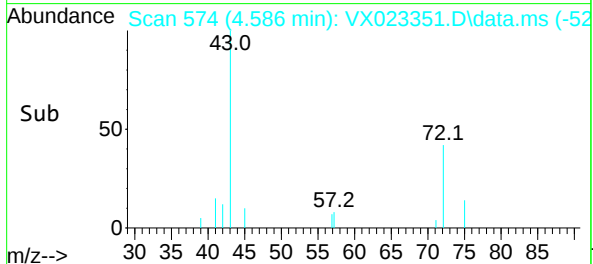
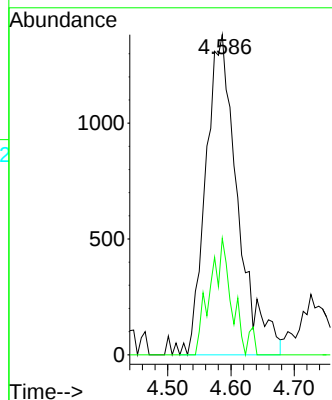
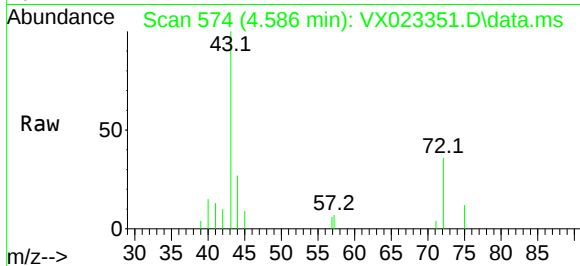




#25
2-Butanone
Concen: 2.784 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

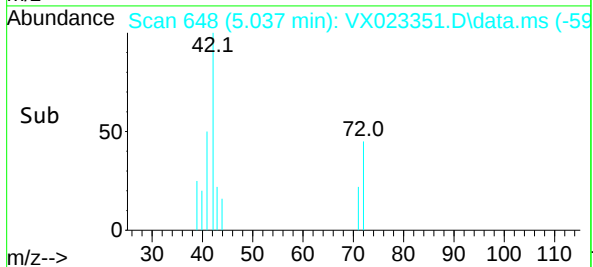
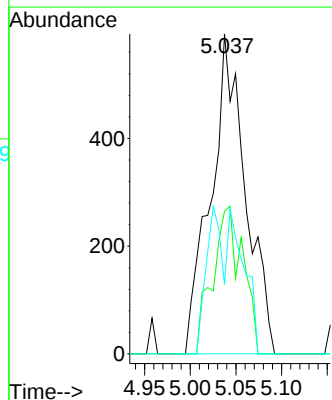
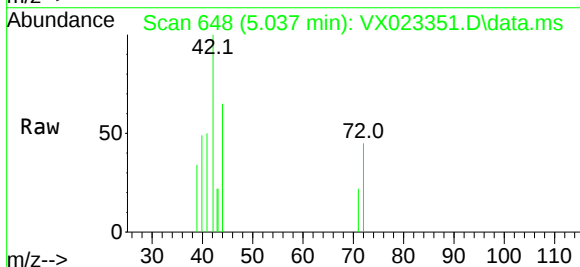
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

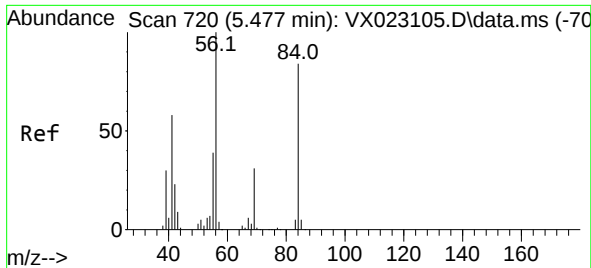
Tgt Ion: 43 Resp: 4831
Ion Ratio Lower Upper
43 100
72 36.4 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.412 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.018 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

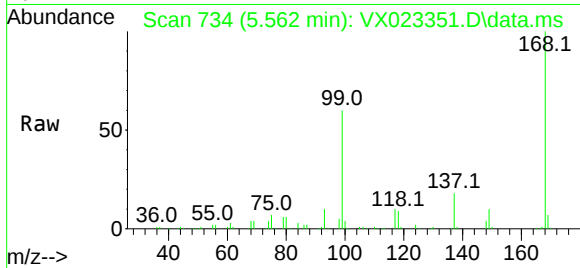
Tgt Ion: 42 Resp: 1575
Ion Ratio Lower Upper
42 100
72 39.7 41.7 62.5#
71 22.0 38.4 57.6#



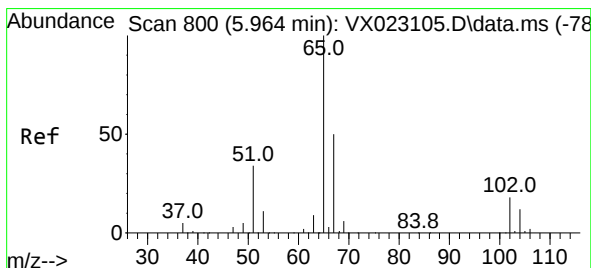
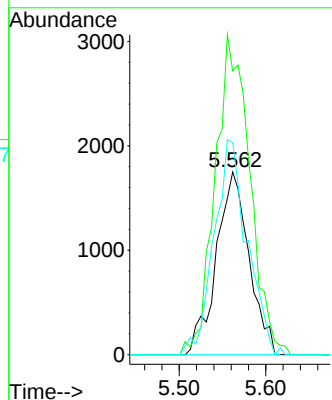
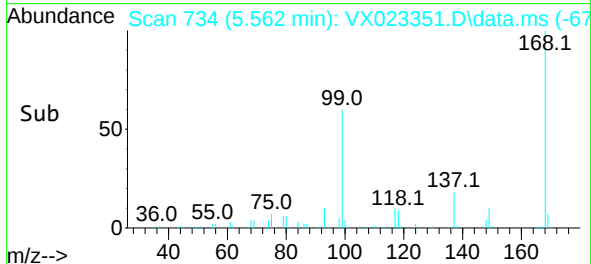


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

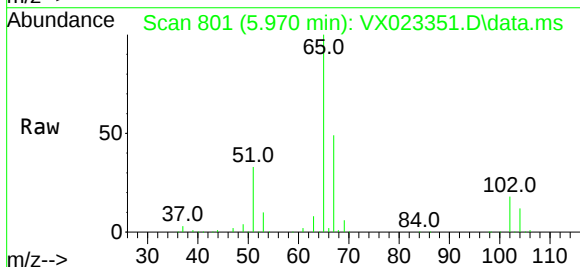
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16



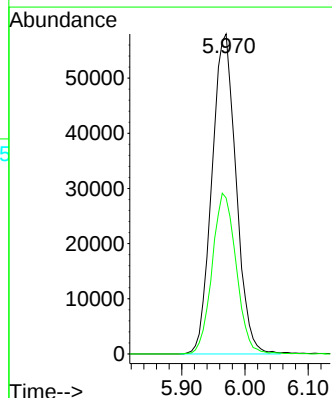
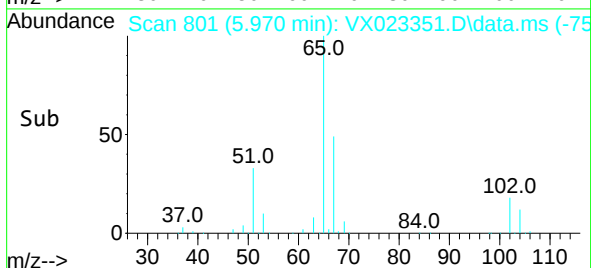
Tgt Ion: 56 Resp: 4595
Ion Ratio Lower Upper
56 100
69 155.4 25.3 37.9#
84 116.1 71.4 107.0#

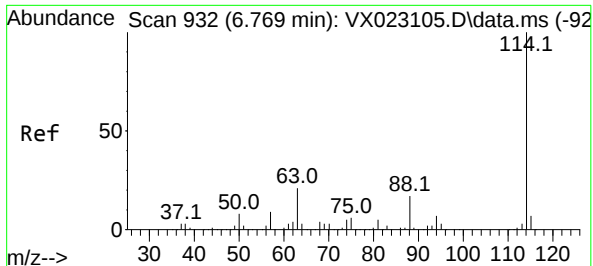


#33
1,2-Dichloroethane-d4
Concen: 52.915 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12



Tgt Ion: 65 Resp: 153924
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

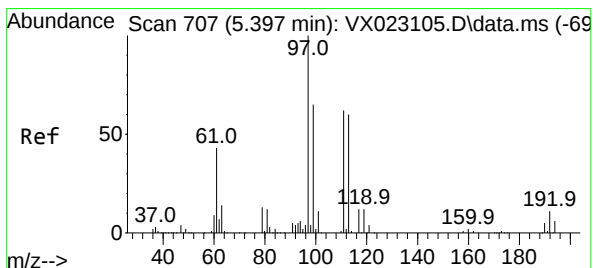
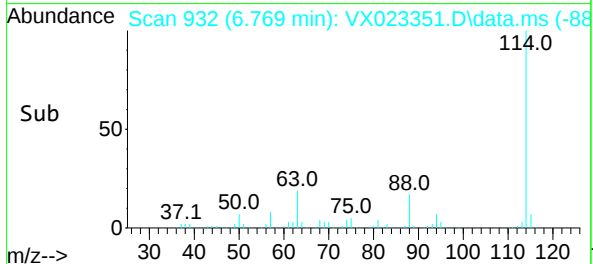
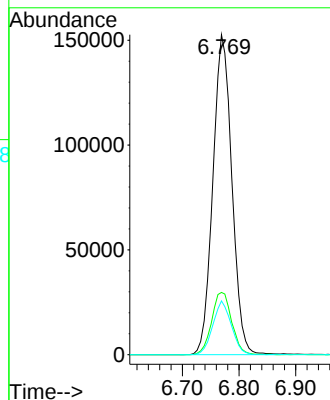
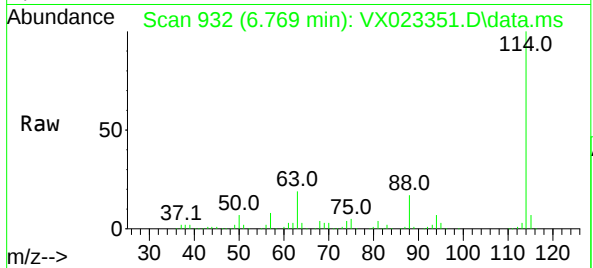




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

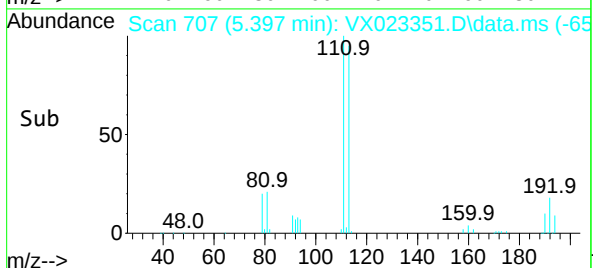
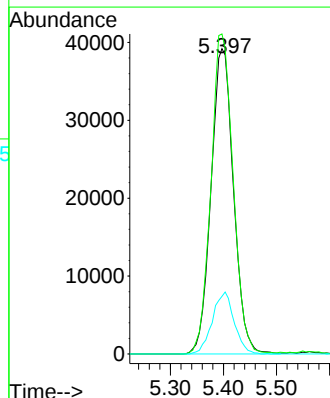
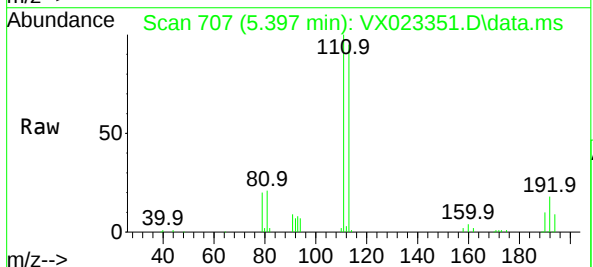
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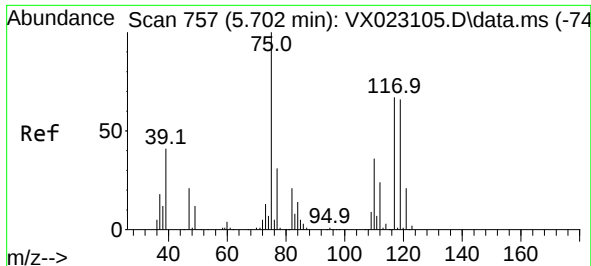
Tgt Ion:114 Resp: 355611
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.125 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion:113 Resp: 115106
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 19.7 16.7 25.1

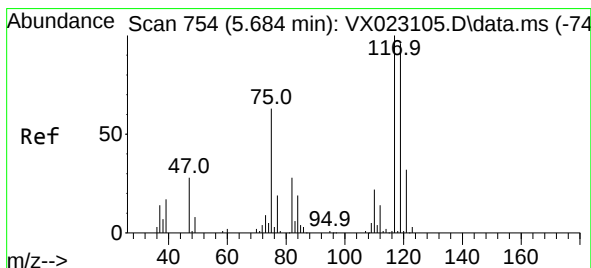
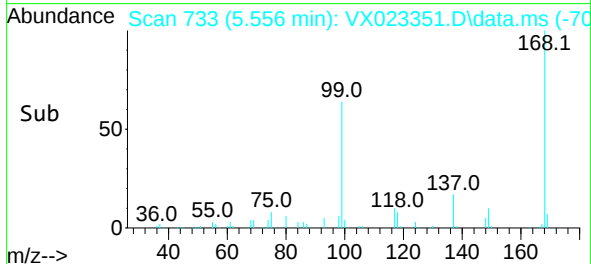
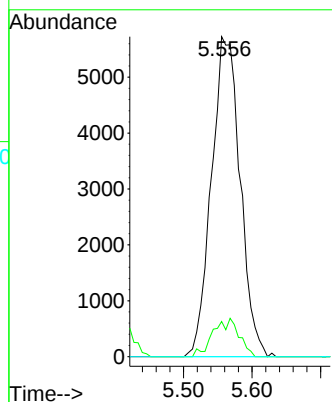
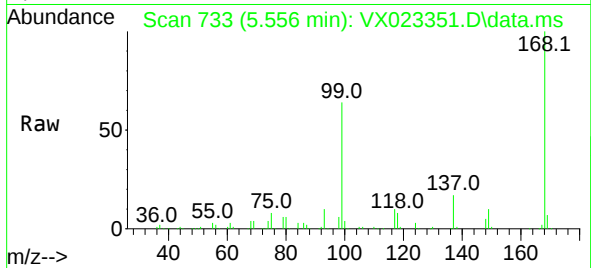




#36
1,1-Dichloropropene
Concen: 5.241 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

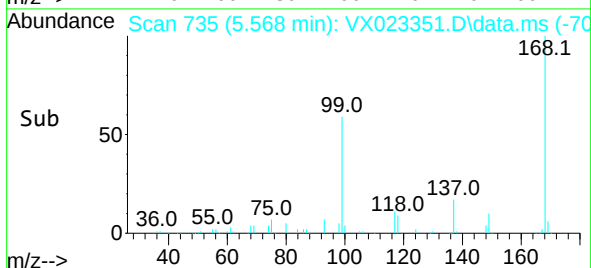
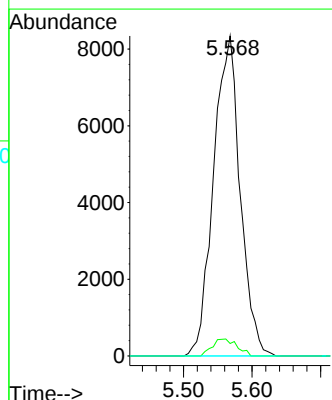
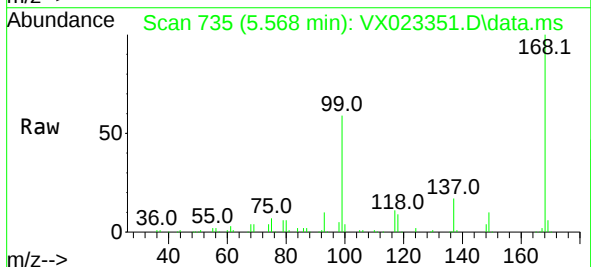
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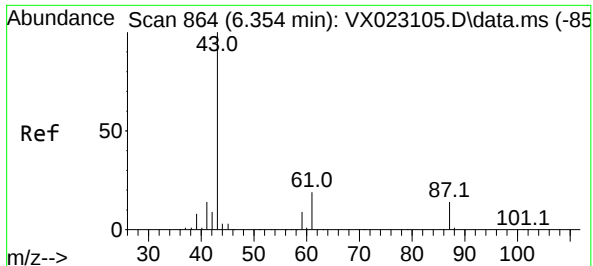
Tgt Ion: 75 Resp: 16616
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.802 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 117 Resp: 22507
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

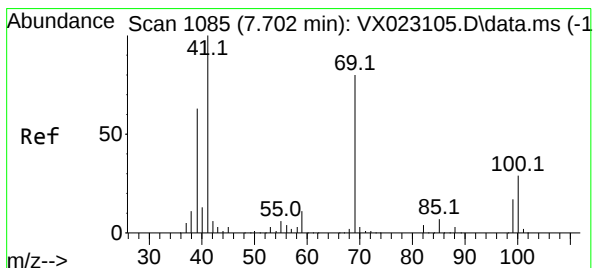
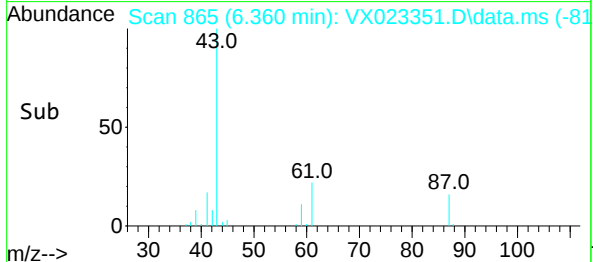
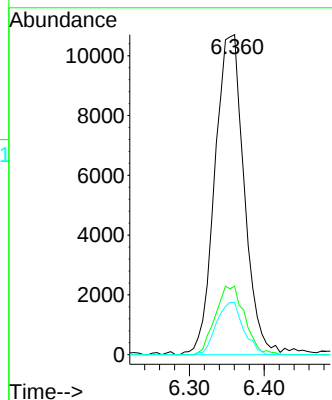
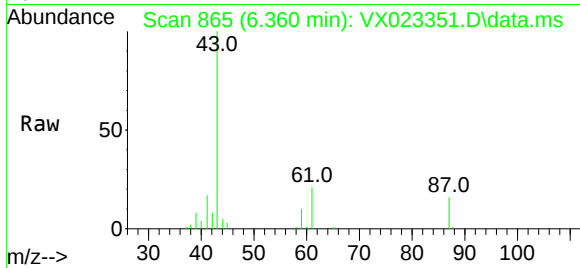




#43
Isopropyl Acetate
Concen: 5.062 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.006 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

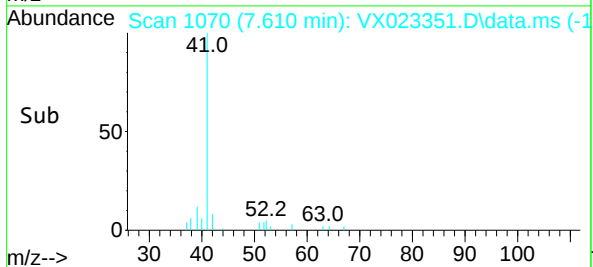
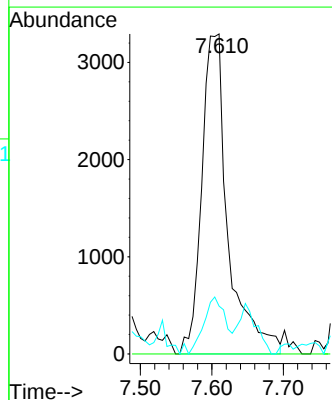
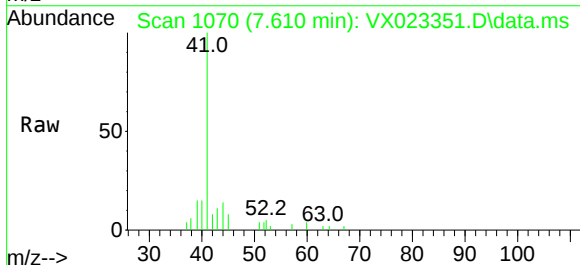
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

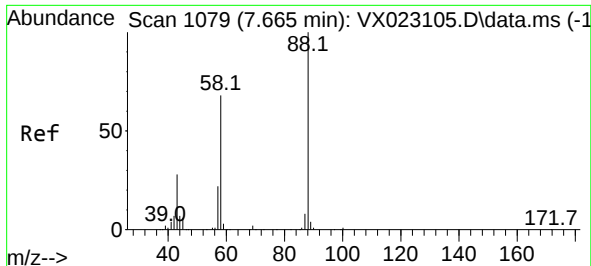
Tgt Ion: 43 Resp: 29120
Ion Ratio Lower Upper
43 100
61 21.6 18.2 27.4
87 15.1 12.5 18.7



#48
Methyl methacrylate
Concen: 2.989 ug/l
RT: 7.610 min Scan# 1070
Delta R.T. -0.092 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 41 Resp: 8436
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

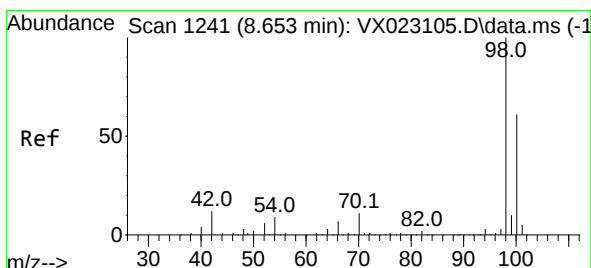
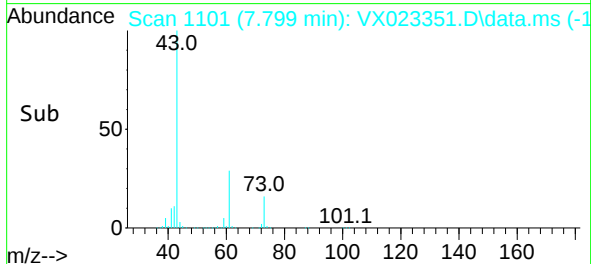
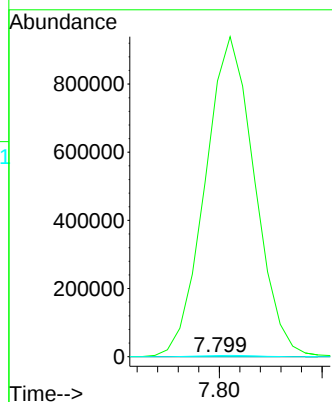
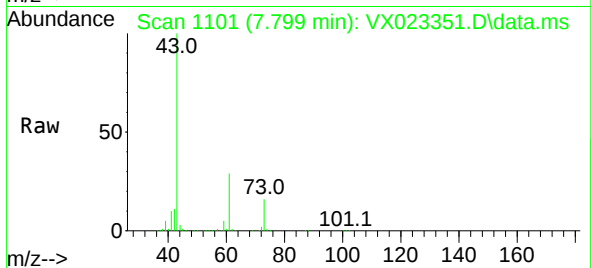




#49
1,4-Dioxane
Concen: 4.219 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

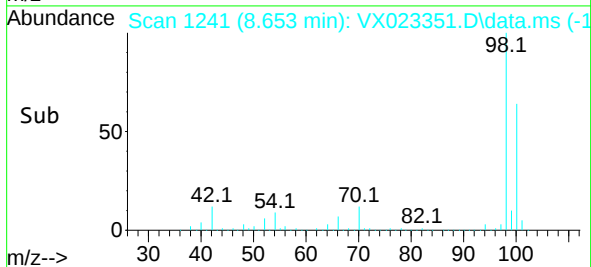
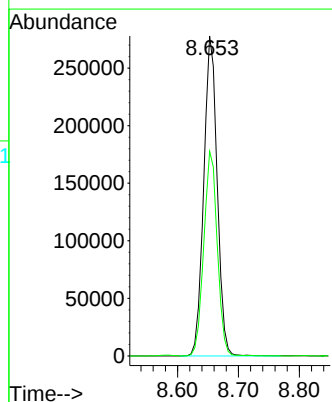
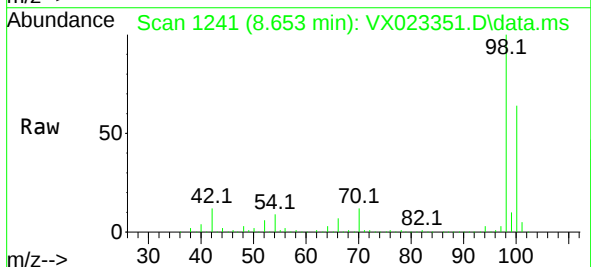
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

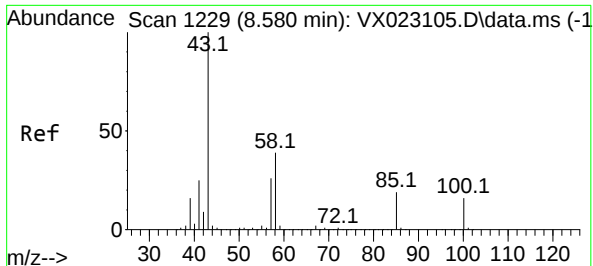
Tgt Ion: 88 Resp: 268
Ion Ratio Lower Upper
88 100
43 589452.2 23.2 34.8#
58 2645.1 55.0 82.4#



#50
Toluene-d8
Concen: 49.776 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 98 Resp: 426384
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

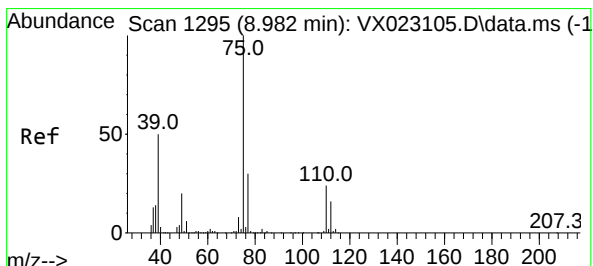
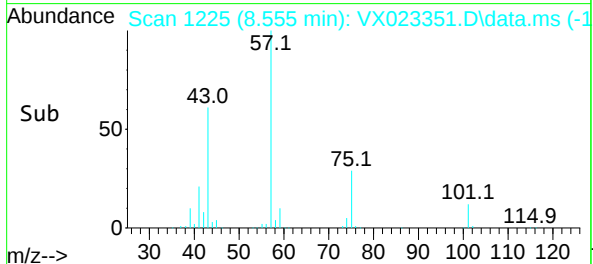
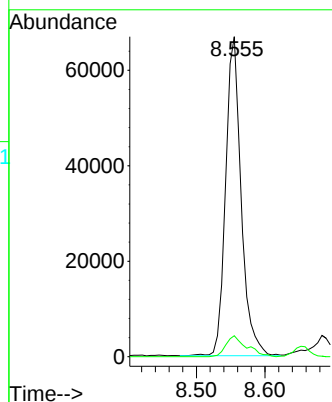
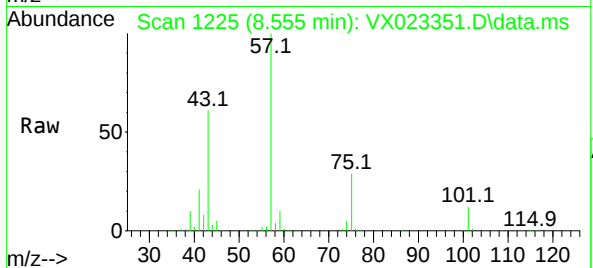




#51
4-Methyl-2-Pentanone
Concen: 29.470 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

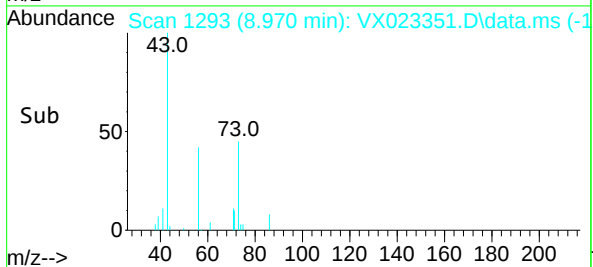
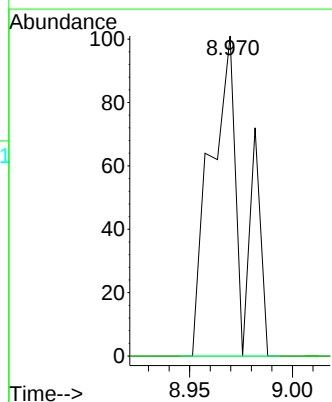
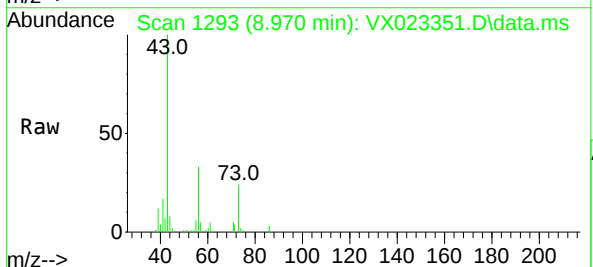
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

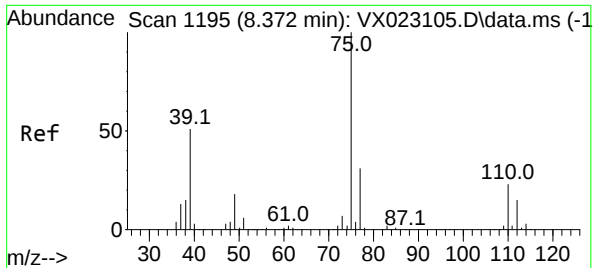
Tgt Ion: 43 Resp: 105045
Ion Ratio Lower Upper
43 100
58 8.8 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.763 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. -0.012 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 75 Resp: 109
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

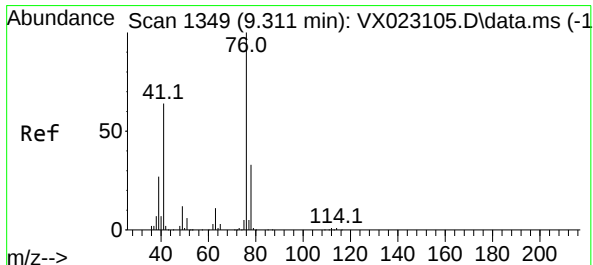
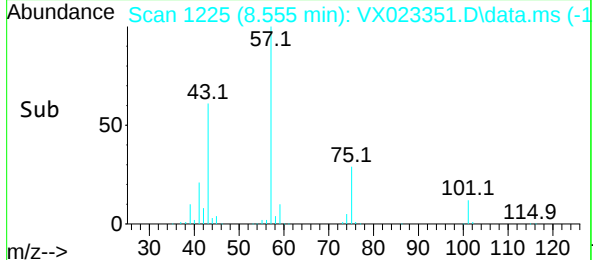
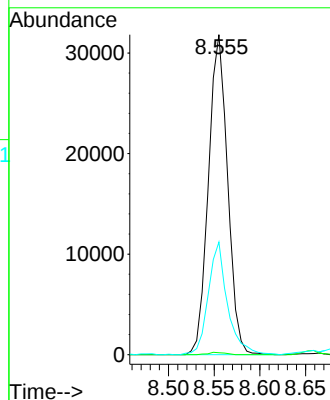
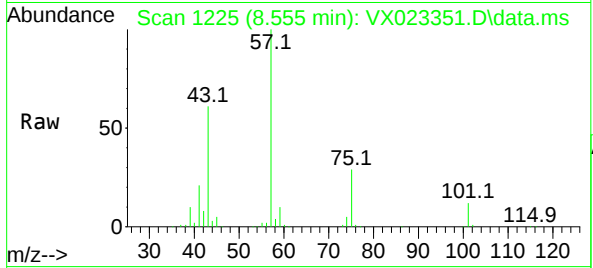




#54
 cis-1,3-Dichloropropene
 Concen: 12.904 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023351.D
 Acq: 19 Jul 2021 19:12

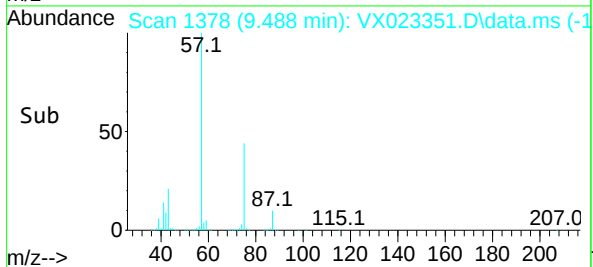
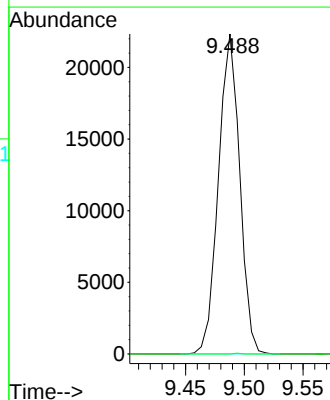
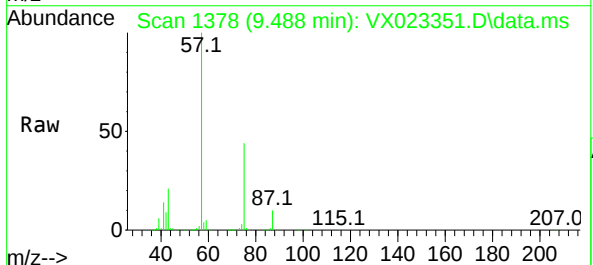
Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#16

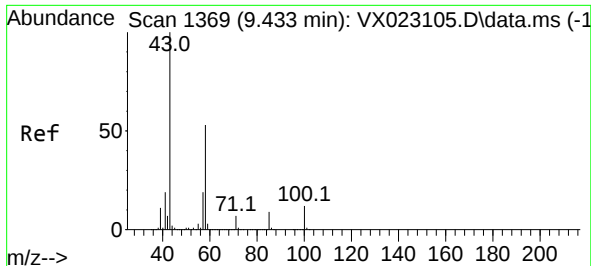
Tgt Ion: 75 Resp: 46261
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 35.2 35.1 52.7



#57
 1,3-Dichloropropane
 Concen: 6.806 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX023351.D
 Acq: 19 Jul 2021 19:12

Tgt Ion: 76 Resp: 28141
 Ion Ratio Lower Upper
 76 100
 78 0.1 26.2 39.2#

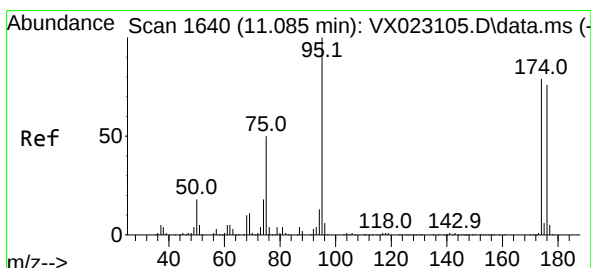
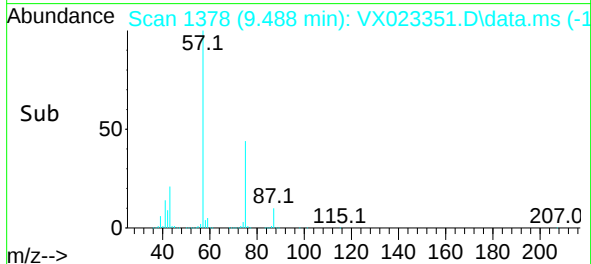
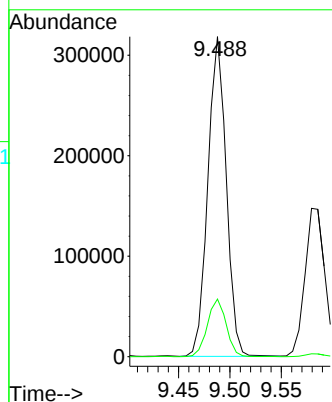
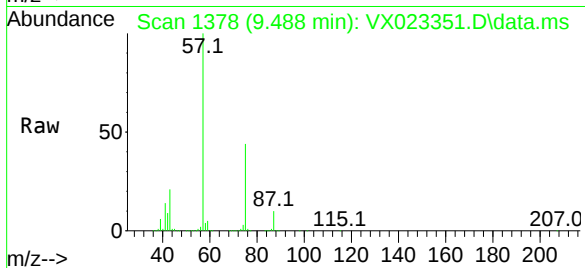




#59
2-Hexanone
Concen: 144.519 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

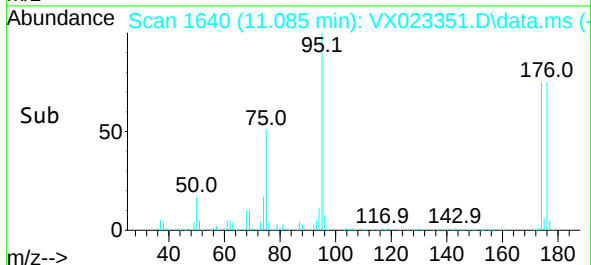
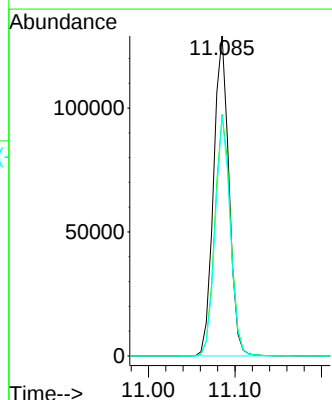
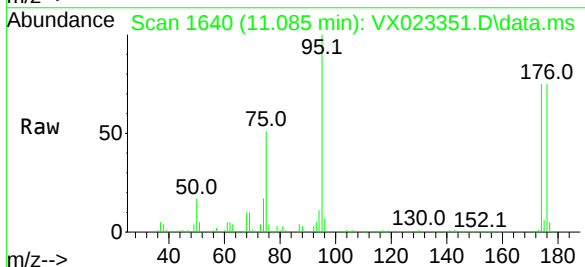
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

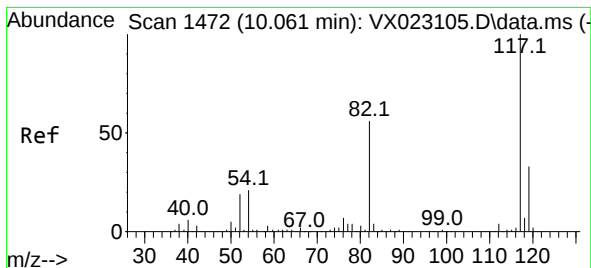
Tgt Ion: 43 Resp: 395250
Ion Ratio Lower Upper
43 100
58 18.5 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.177 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 95 Resp: 159319
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 73.3 0.0 155.8

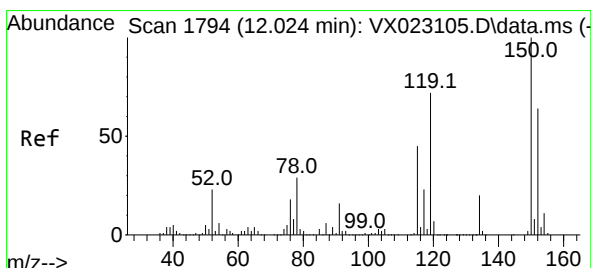
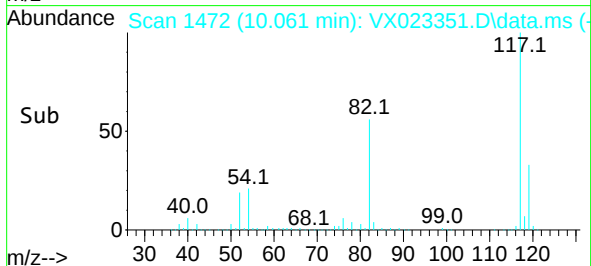
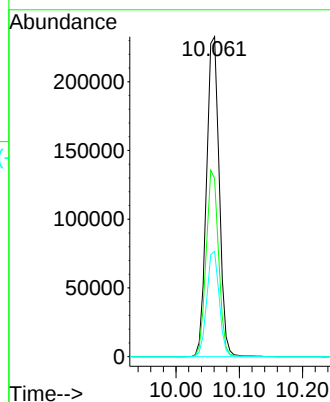
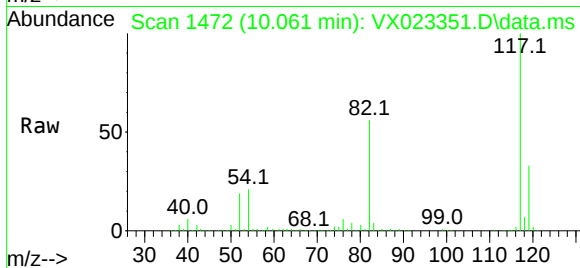




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

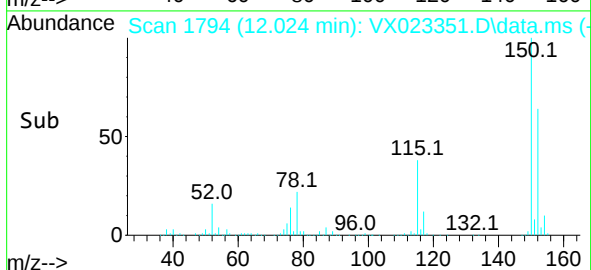
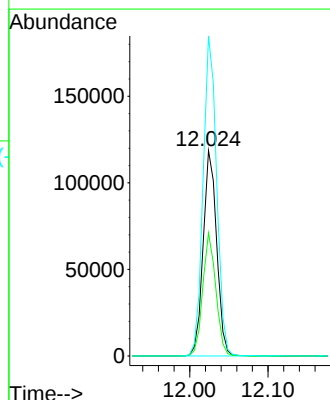
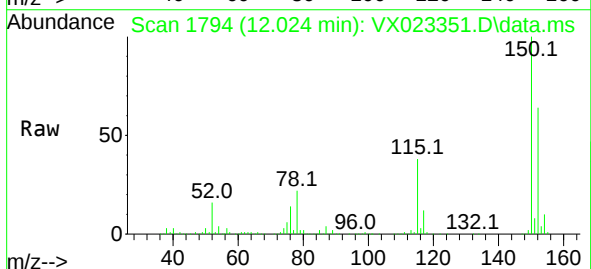
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

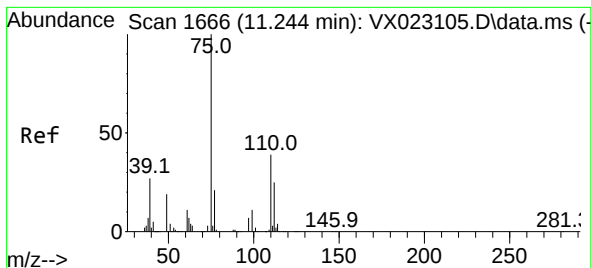
Tgt Ion:117 Resp: 326486
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion:152 Resp: 142093
Ion Ratio Lower Upper
152 100
115 57.9 41.1 123.3
150 155.7 0.0 349.0

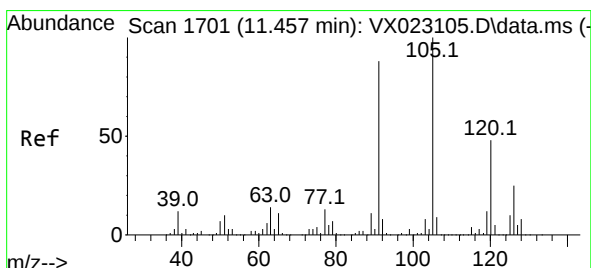
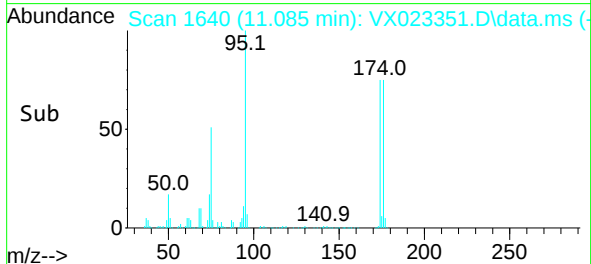
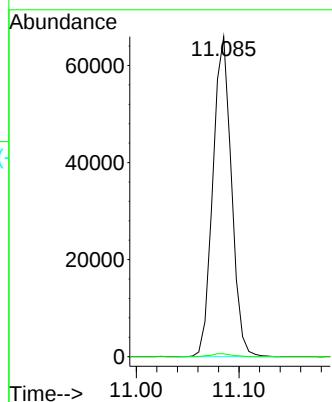
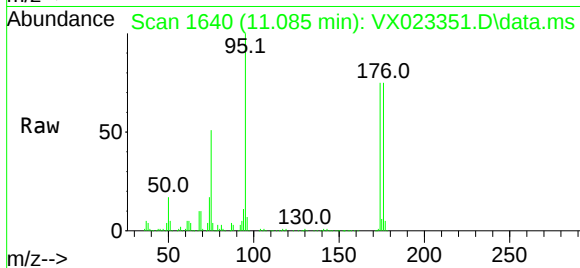




#76
1,2,3-Trichloropropane
Concen: 28.901 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

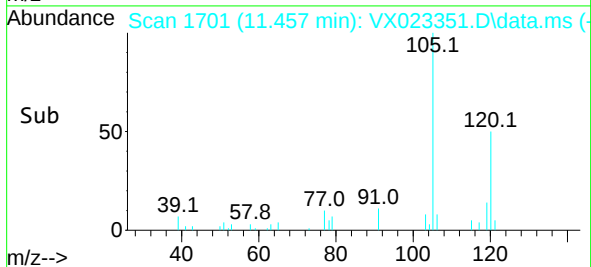
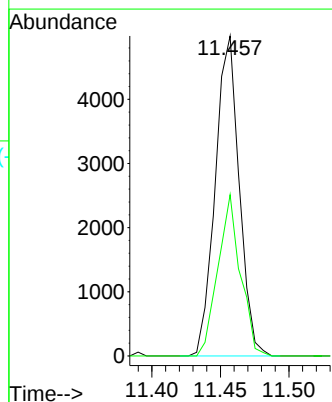
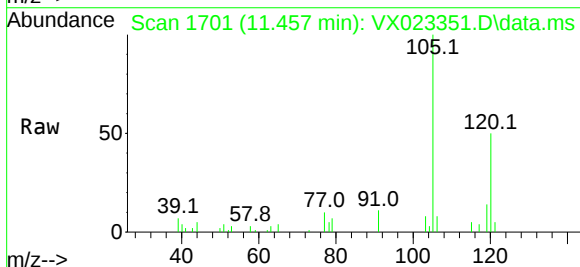
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

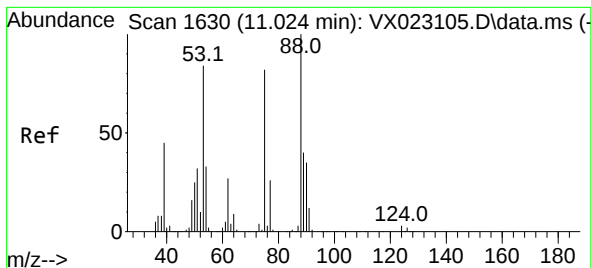
Tgt Ion: 75 Resp: 82639
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.703 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 105 Resp: 6057
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5

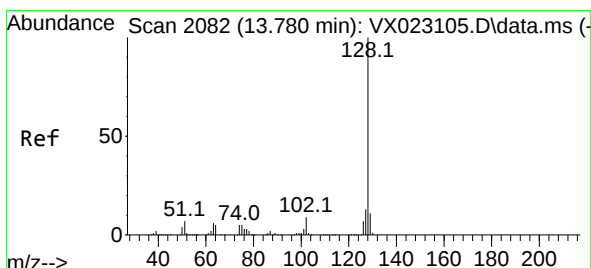
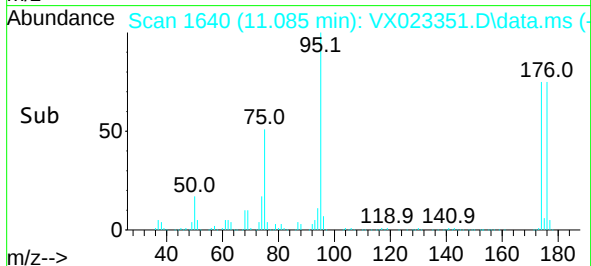
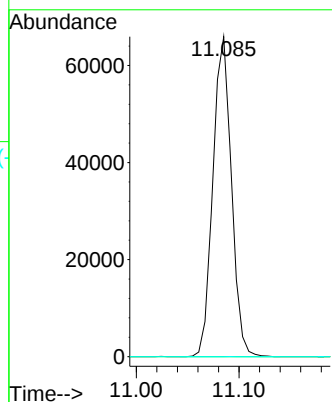
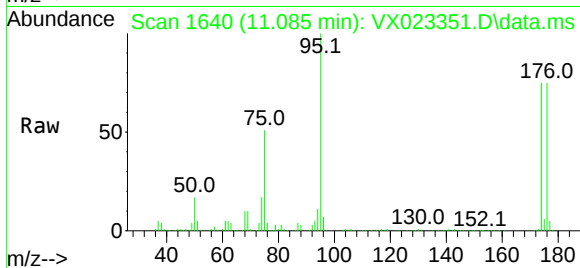




#81
trans-1,4-Dichloro-2-butene
Concen: 77.774 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#16

Tgt Ion: 75 Resp: 82639
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.298 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023351.D
Acq: 19 Jul 2021 19:12

Tgt Ion: 128 Resp: 243
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

