

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023353.D
 Acq On : 19 Jul 2021 19:59
 Operator : JC/MD
 Sample : PB137749ZHE#18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#18

Quant Time: Jul 20 05:28:39 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)

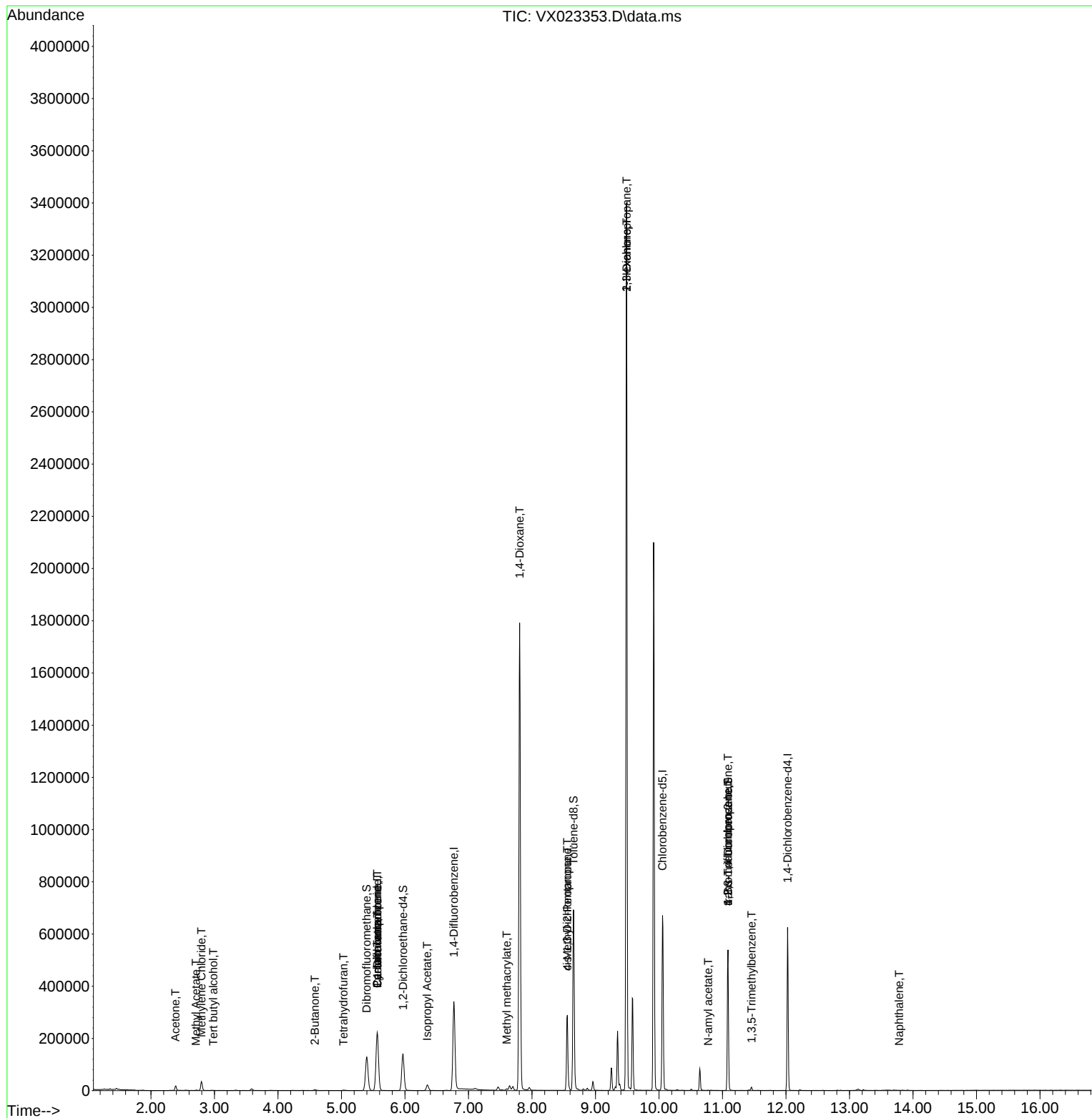
Internal Standards						
1) Pentafluorobenzene	5.562	168	201565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	334034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	144036	53.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.340%			
35) Dibromofluoromethane	5.397	113	109459	50.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	8.653	98	401601	49.911	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.820%			
62) 4-Bromofluorobenzene	11.085	95	139524	44.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.840%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	228	Below Cal	#	42
11) Tert butyl alcohol	2.983	59	281	0.493	ug/l #	73
16) Acetone	2.386	43	18784	17.526	ug/l #	83
18) Methyl Acetate	2.709	43	1516	0.583	ug/l	95
20) Methylene Chloride	2.794	84	14984	6.493	ug/l	98
25) 2-Butanone	4.581	43	4898	3.031	ug/l	96
29) Tetrahydrofuran	5.032	42	1643	1.581	ug/l #	69
31) Cyclohexane	5.562	56	4670	1.440	ug/l #	11
36) 1,1-Dichloropropene	5.562	75	16246	5.456	ug/l #	51
38) Carbon Tetrachloride	5.562	117	21689	6.978	ug/l #	16
43) Isopropyl Acetate	6.349	43	28500	5.275	ug/l	95
48) Methyl methacrylate	7.604	41	7238	2.730	ug/l #	10
49) 1,4-Dioxane	7.806	88	268	4.491	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	102557	30.630	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	46199	13.582	ug/l #	67
57) 1,3-Dichloropropane	9.488	76	27977	7.204	ug/l #	43
59) 2-Hexanone	9.488	43	392145	152.645	ug/l #	43
74) N-amyl acetate	10.775	43	777	0.211	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	73761	29.767	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	5940	0.795	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	73761	79.963	ug/l #	12
95) Naphthalene	13.780	128	164	1.293	ug/l #	69

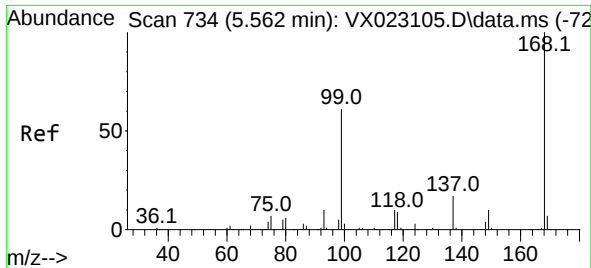
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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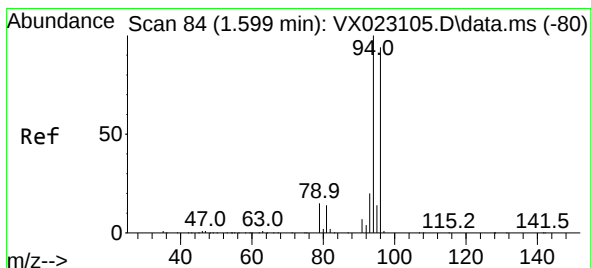
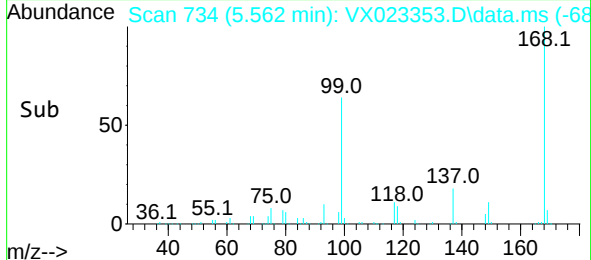
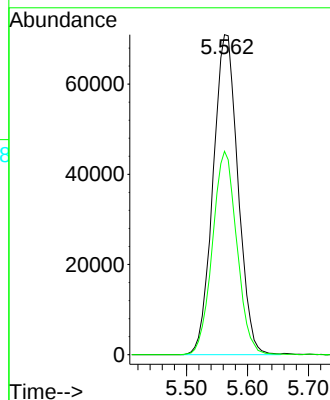
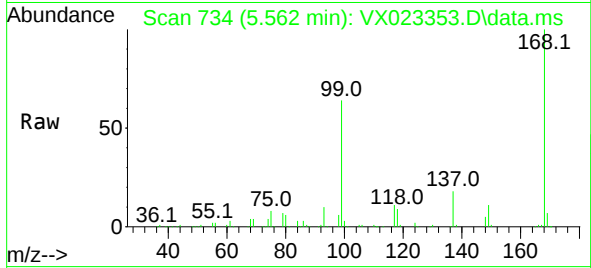




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

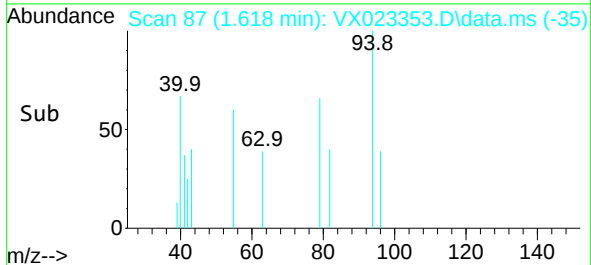
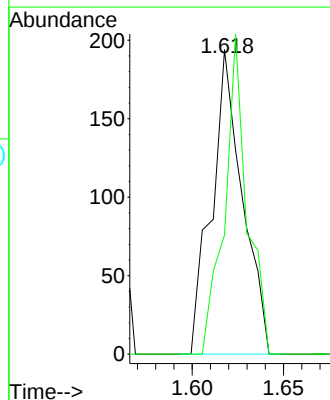
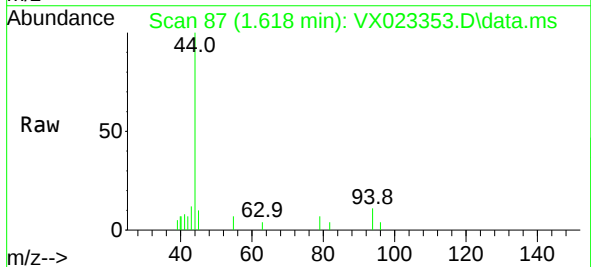
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

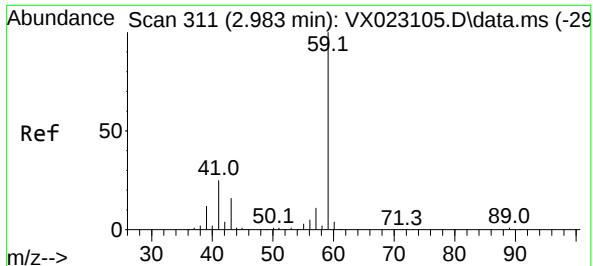
Tgt Ion:168 Resp: 201565
Ion Ratio Lower Upper
168 100
99 63.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 94 Resp: 228
Ion Ratio Lower Upper
94 100
96 39.2 76.4 114.6#

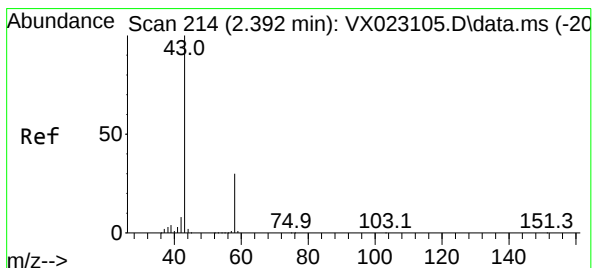
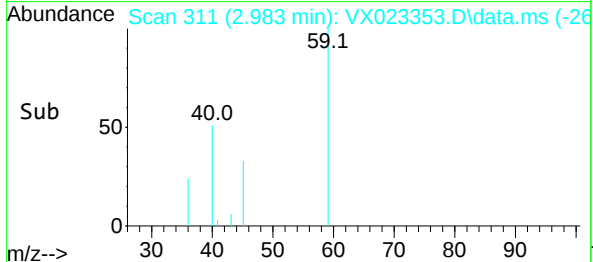
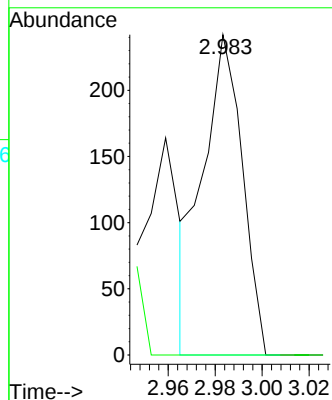
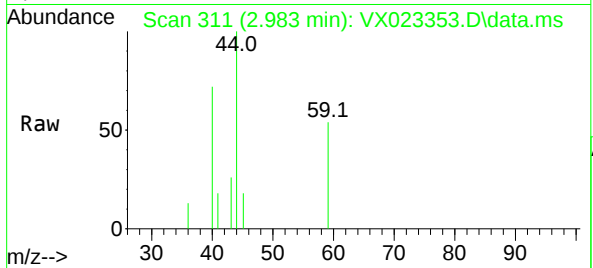




#11
Tert butyl alcohol
Concen: 0.493 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

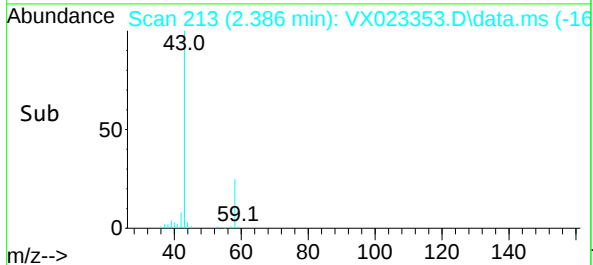
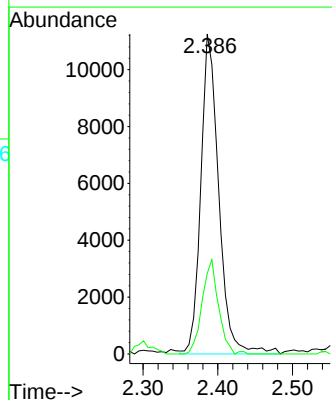
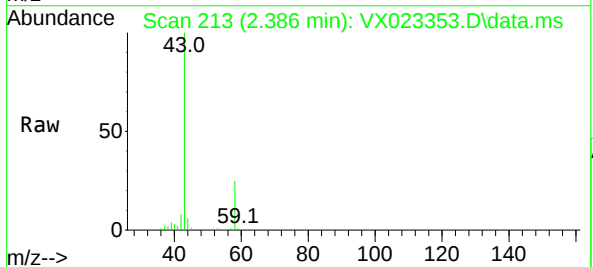
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

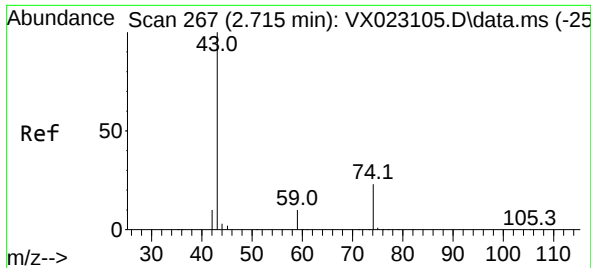
Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 17.526 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 43 Resp: 18784
Ion Ratio Lower Upper
43 100
58 25.2 27.8 41.8#

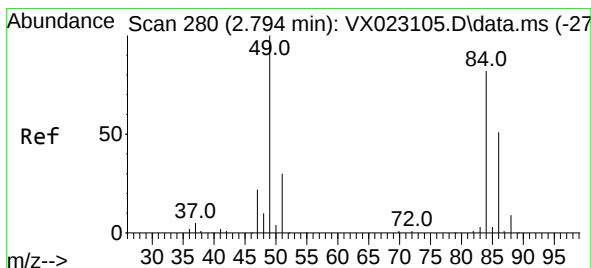
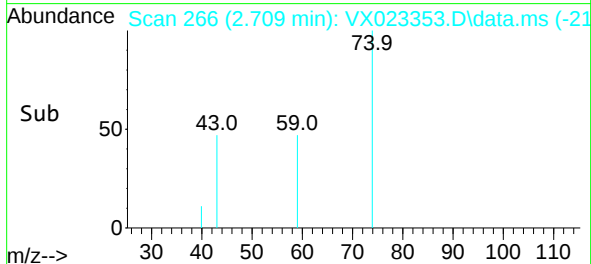
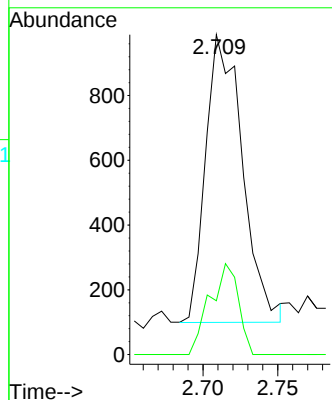
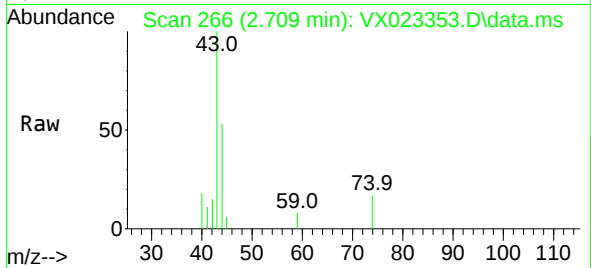




#18
Methyl Acetate
Concen: 0.583 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

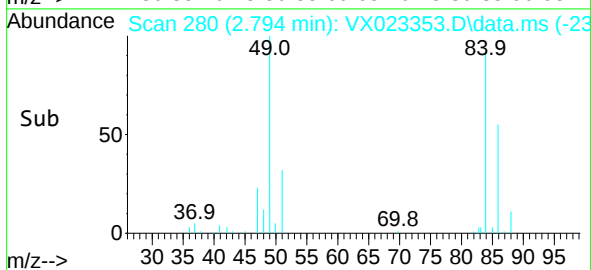
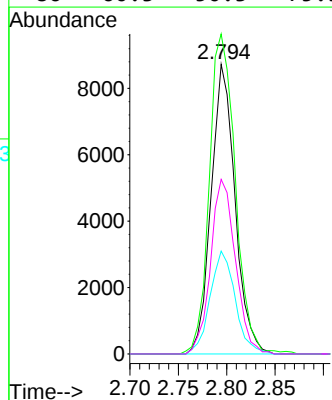
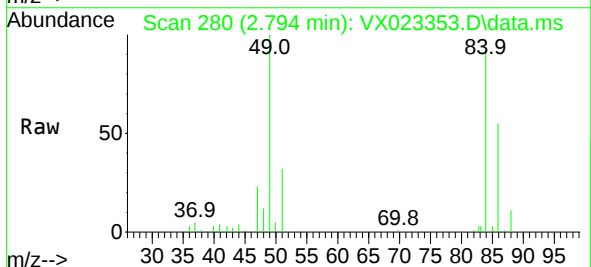
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

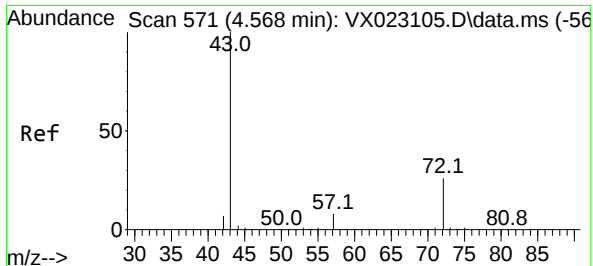
Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
74 24.5 21.9 32.9



#20
Methylene Chloride
Concen: 6.493 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 84 Resp: 14984
Ion Ratio Lower Upper
84 100
49 110.5 88.6 132.8
51 35.5 27.0 40.6
86 60.3 50.3 75.5

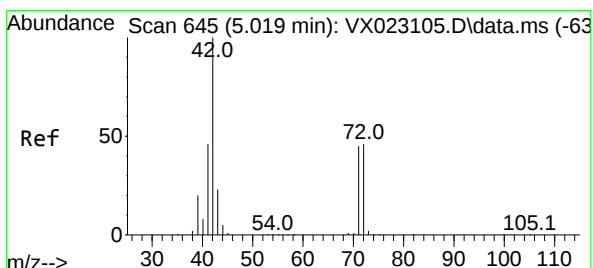
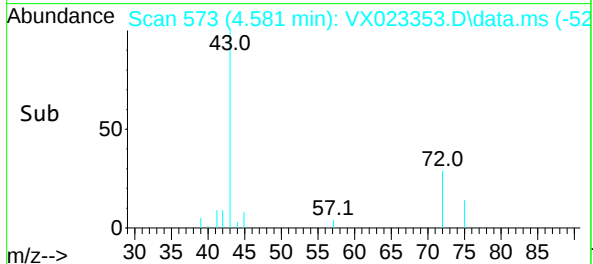
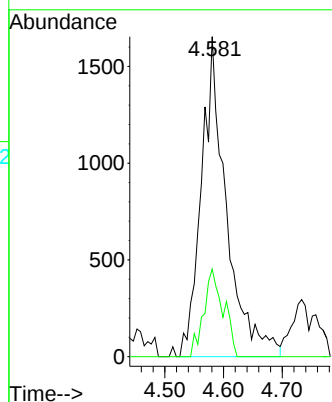
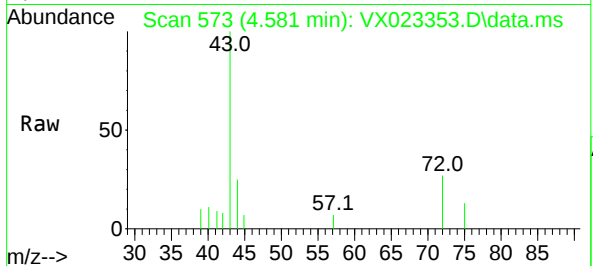




#25
2-Butanone
Concen: 3.031 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

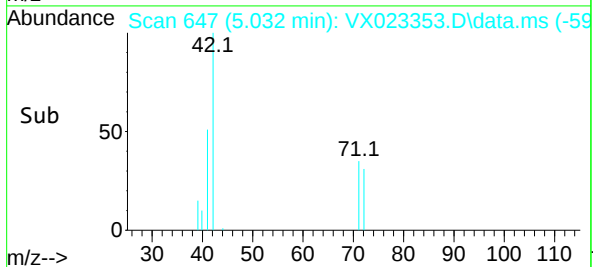
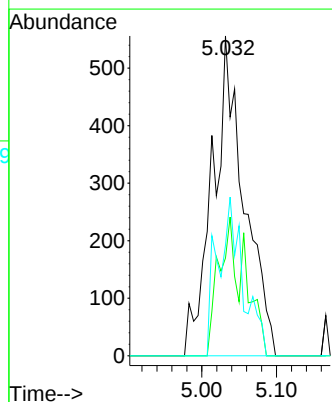
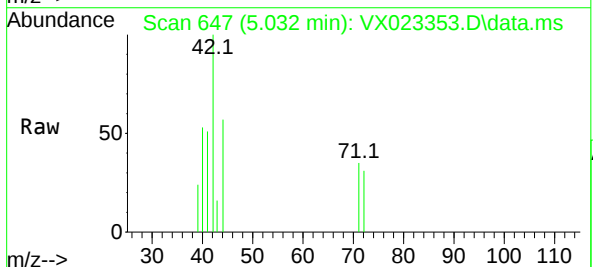
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

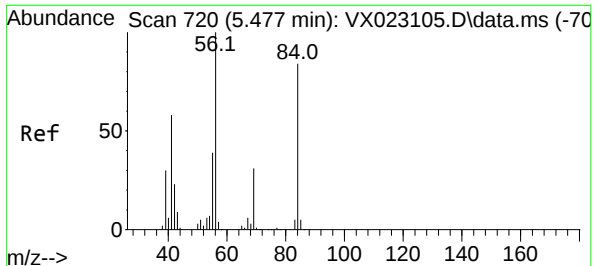
Tgt Ion: 43 Resp: 4898
Ion Ratio Lower Upper
43 100
72 27.3 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.581 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 42 Resp: 1643
Ion Ratio Lower Upper
42 100
72 23.1 41.7 62.5#
71 34.1 38.4 57.6#

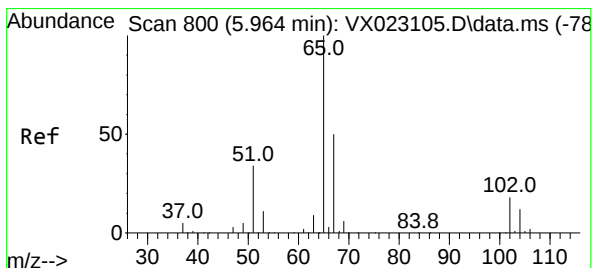
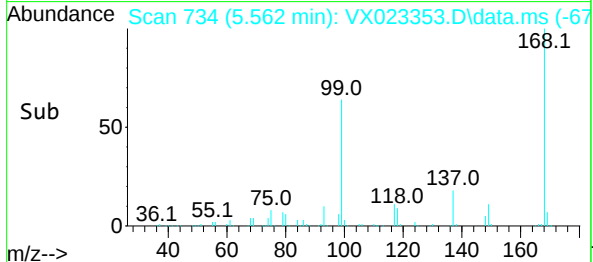
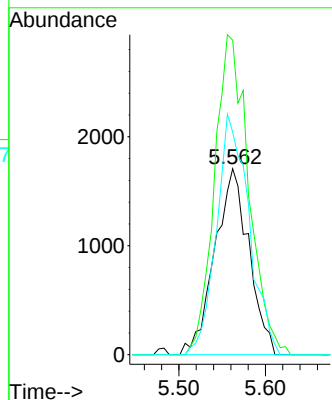
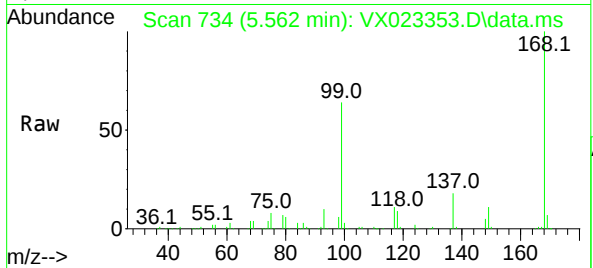




#31
Cyclohexane
Concen: 1.440 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

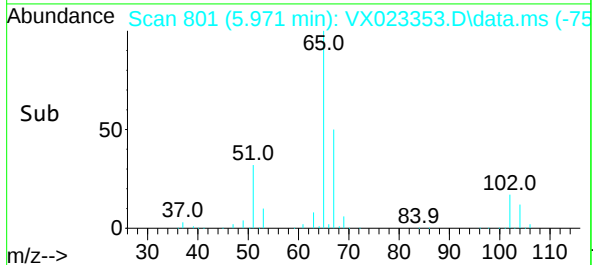
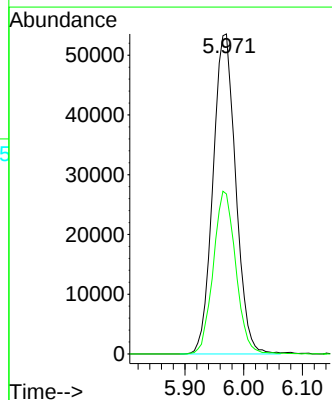
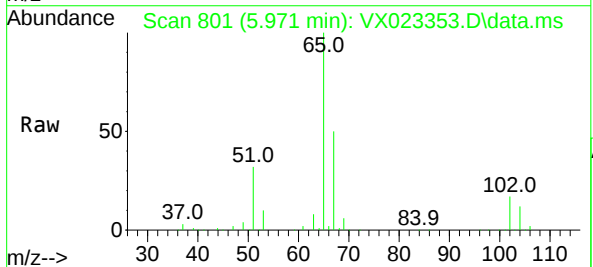
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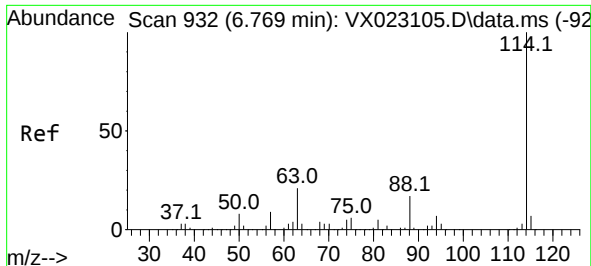
Tgt Ion: 56 Resp: 4670
Ion Ratio Lower Upper
56 100
69 169.1 25.3 37.9#
84 119.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.169 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 65 Resp: 144036
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

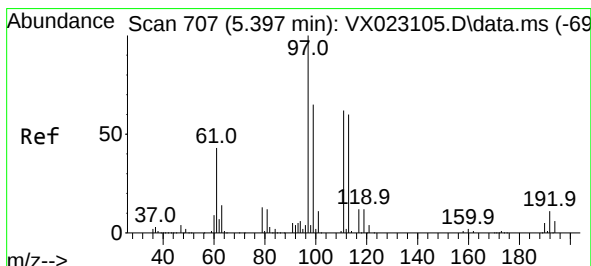
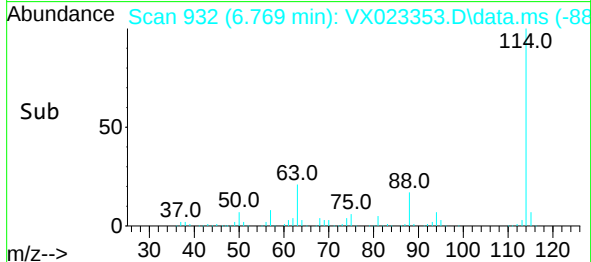
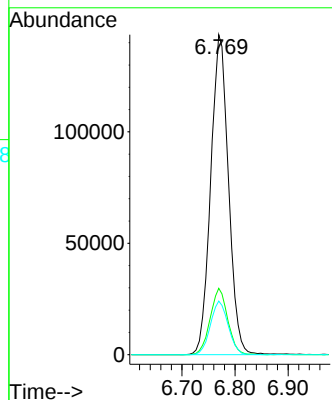
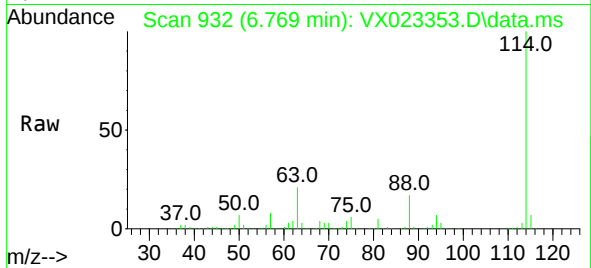




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

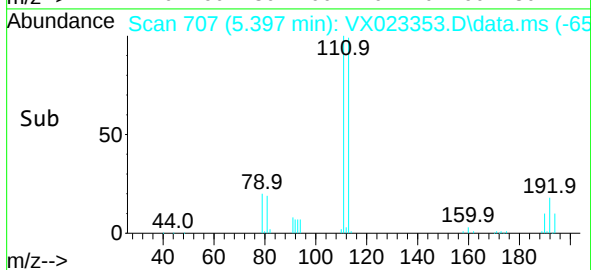
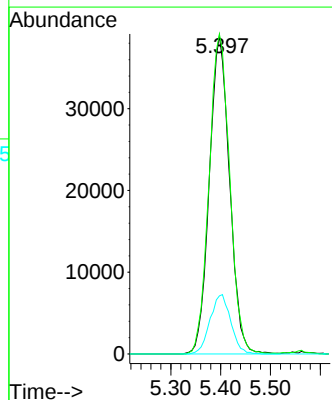
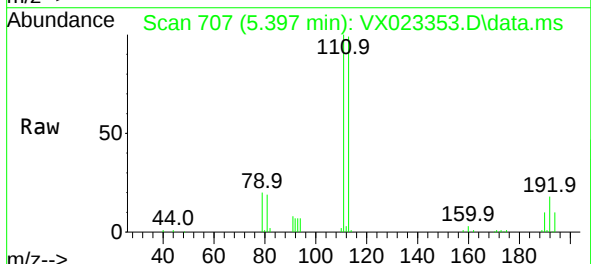
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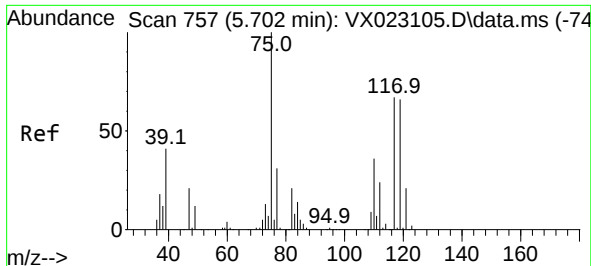
Tgt Ion:114 Resp: 334034
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion:113 Resp: 109459
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.2 16.7 25.1

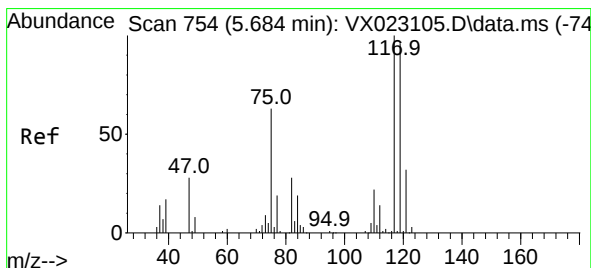
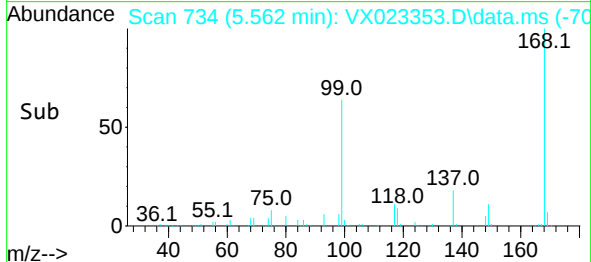
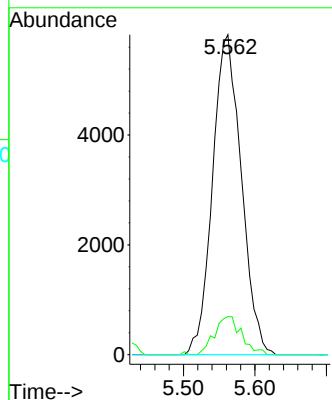
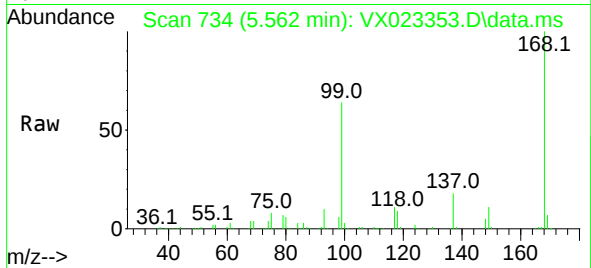




#36
1,1-Dichloropropene
Concen: 5.456 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

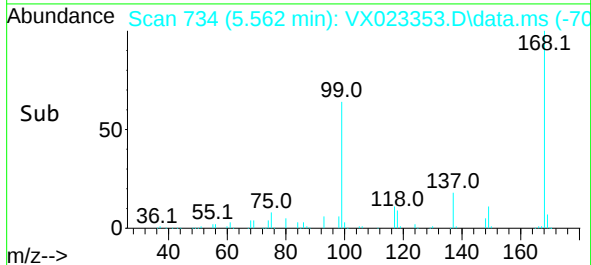
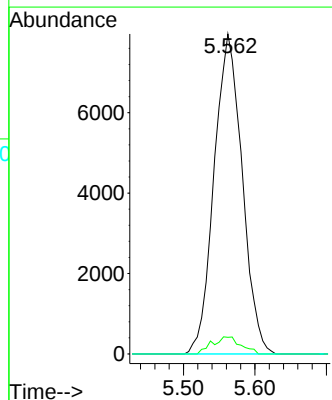
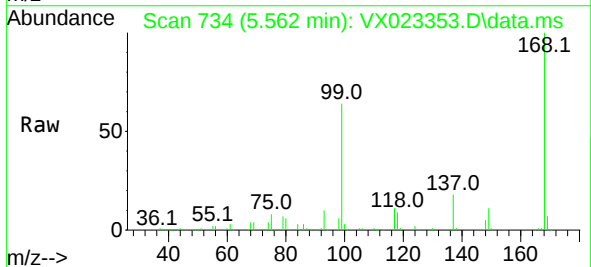
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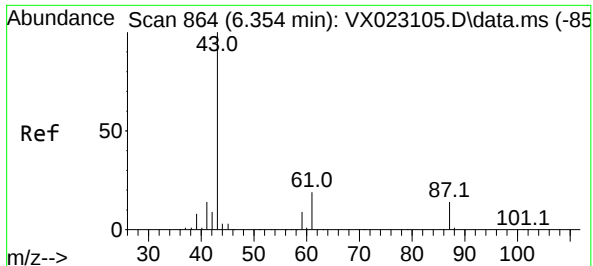
Tgt Ion: 75 Resp: 16246
Ion Ratio Lower Upper
75 100
110 11.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.978 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 117 Resp: 21689
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

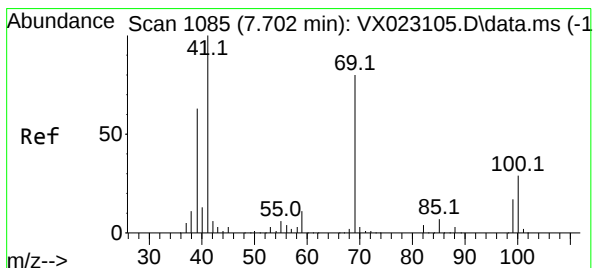
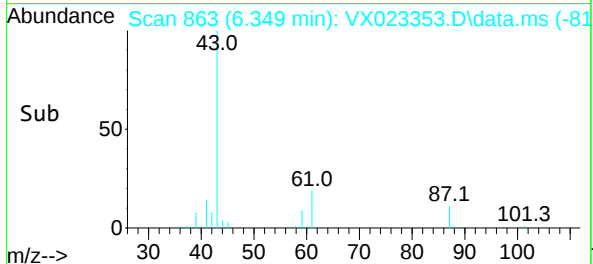
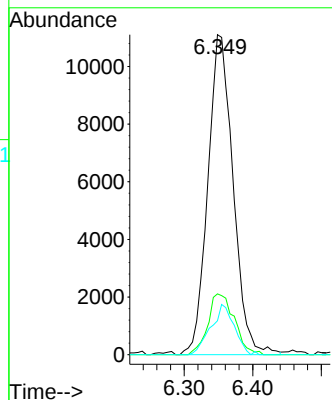
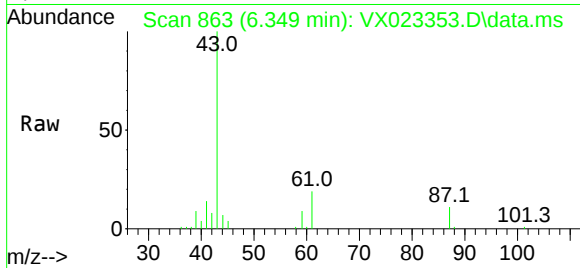




#43
Isopropyl Acetate
Concen: 5.275 ug/l
RT: 6.349 min Scan# 863
Delta R.T. -0.005 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

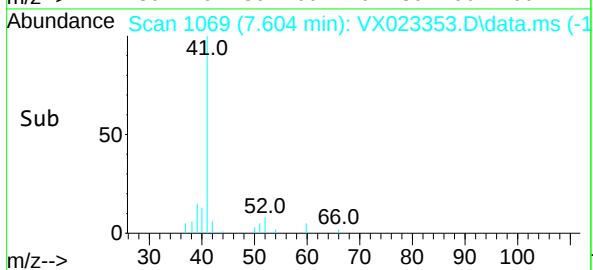
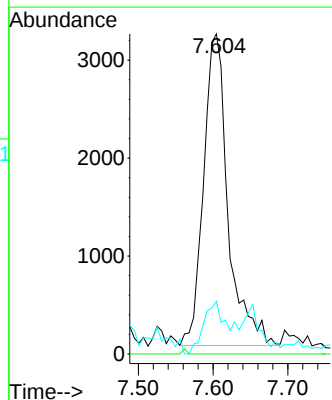
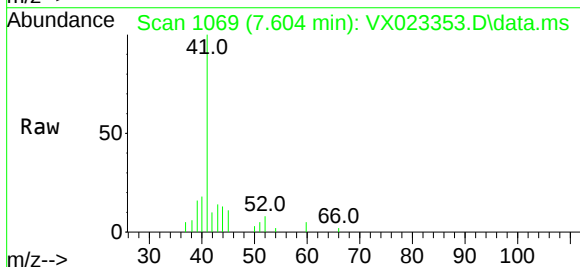
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

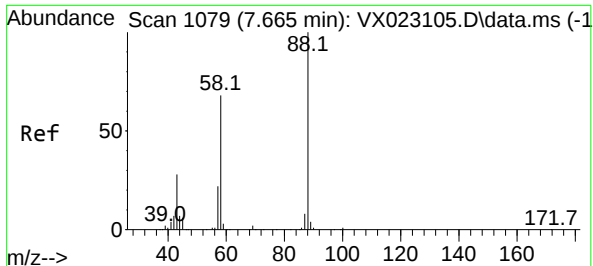
Tgt Ion:	43	Resp:	28500
Ion	Ratio	Lower	Upper
43	100		
61	19.9	18.2	27.4
87	14.5	12.5	18.7



#48
Methyl methacrylate
Concen: 2.730 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion:	41	Resp:	7238
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

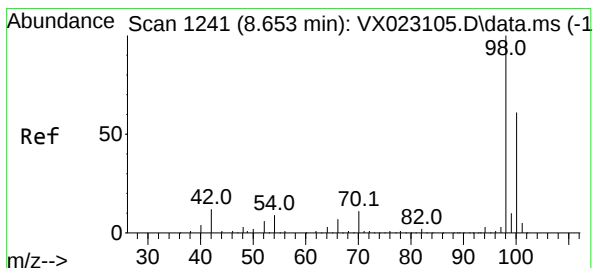
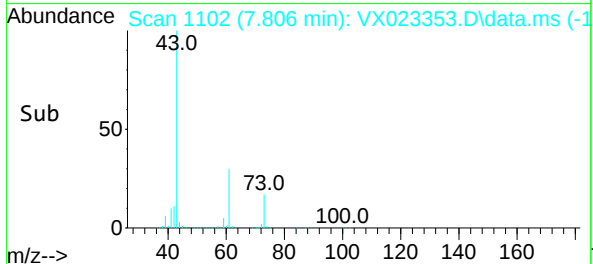
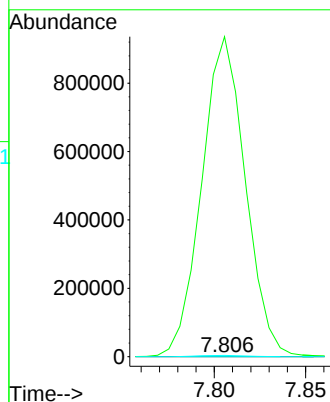
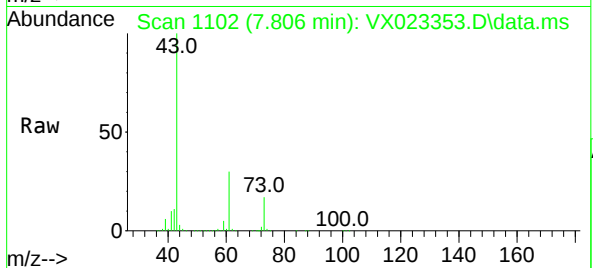




#49
1,4-Dioxane
Concen: 4.491 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.141 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

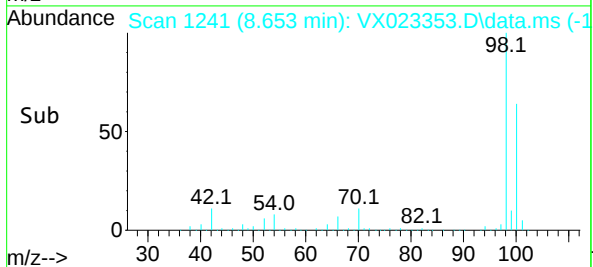
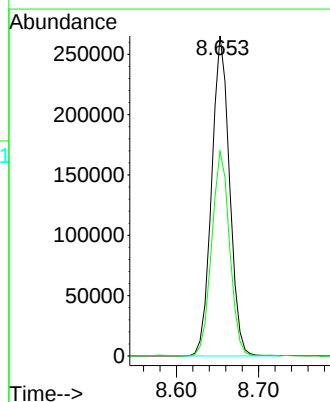
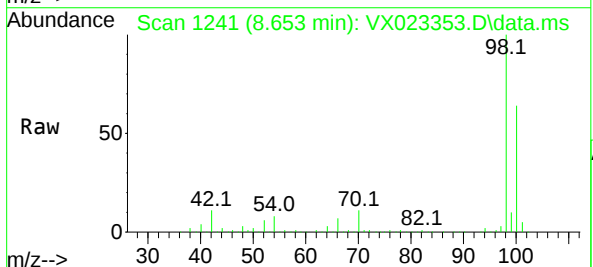
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

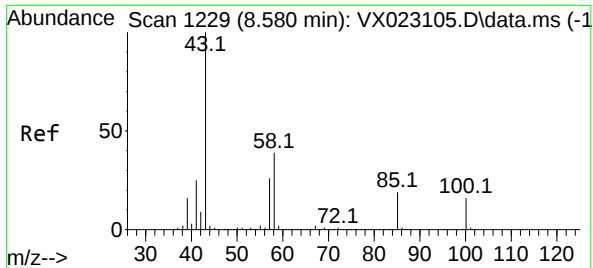
Tgt Ion: 88 Resp: 268
Ion Ratio Lower Upper
88 100
43 582930.6 23.2 34.8#
58 2554.1 55.0 82.4#



#50
Toluene-d8
Concen: 49.911 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 98 Resp: 401601
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

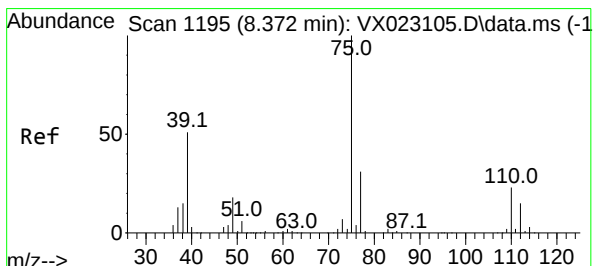
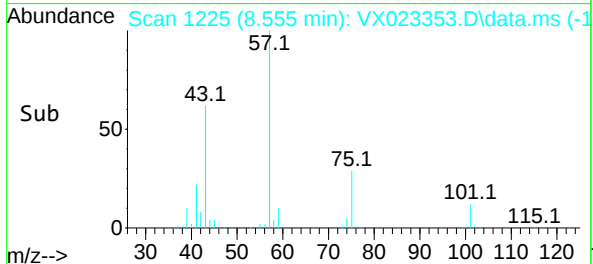
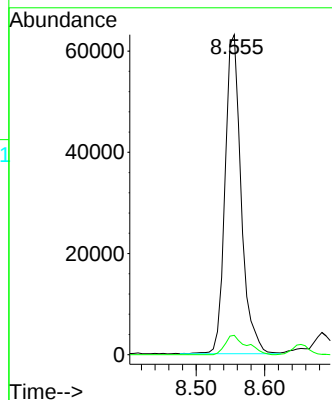
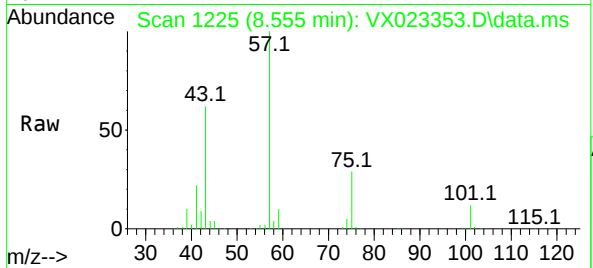




#51
4-Methyl-2-Pentanone
Concen: 30.630 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

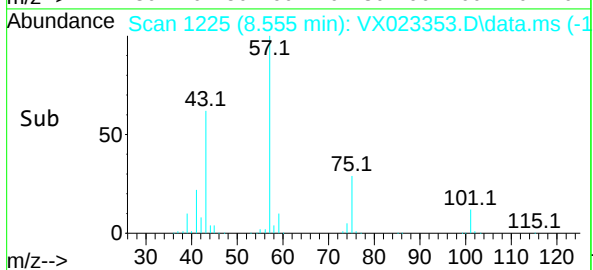
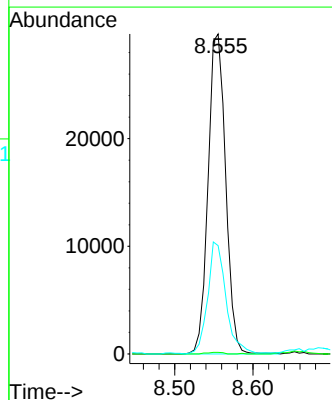
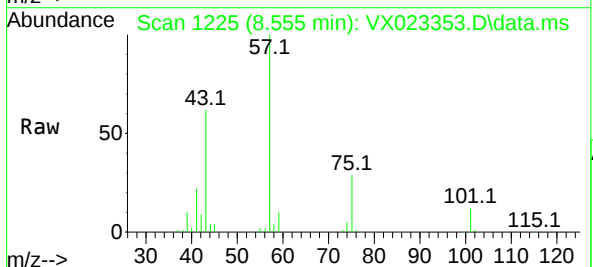
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

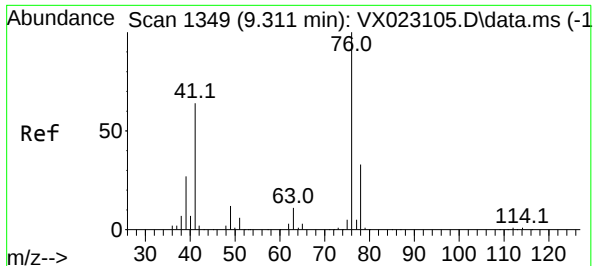
Tgt Ion: 43 Resp: 102557
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.582 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 75 Resp: 46199
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 33.6 35.1 52.7#



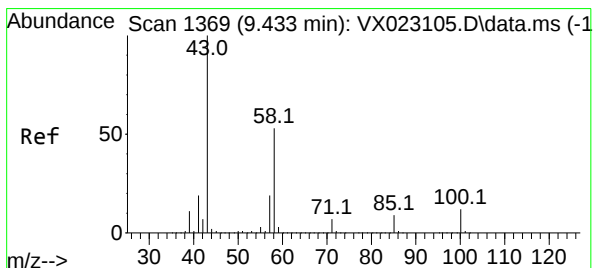
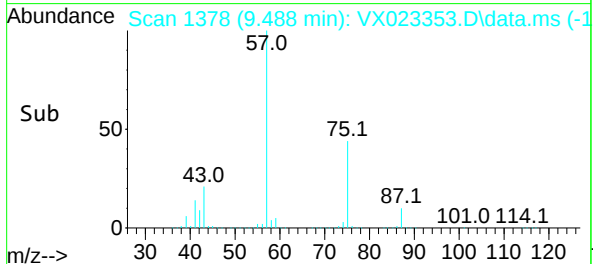
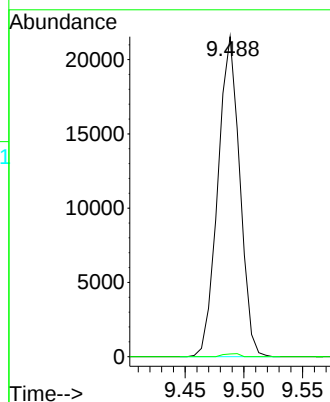
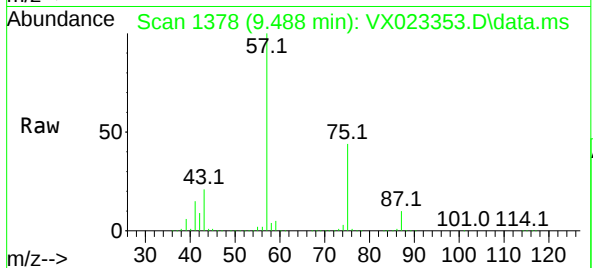


#57

1,3-Dichloropropane
Concen: 7.204 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

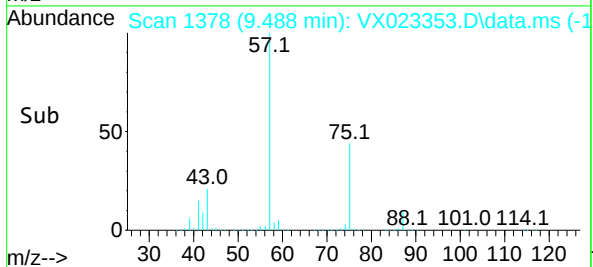
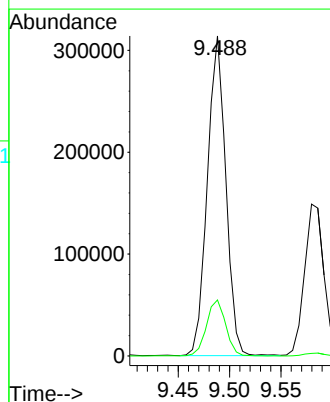
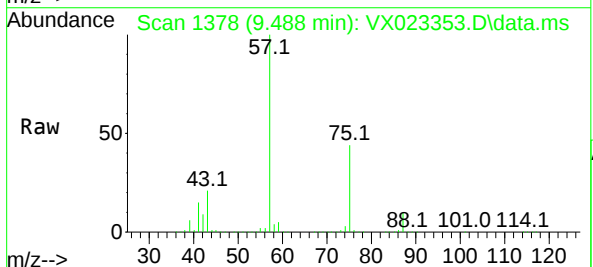
Tgt Ion: 76 Resp: 27977
Ion Ratio Lower Upper
76 100
78 0.7 26.2 39.2#

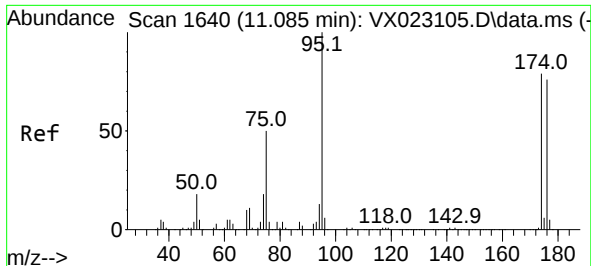


#59

2-Hexanone
Concen: 152.645 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 43 Resp: 392145
Ion Ratio Lower Upper
43 100
58 18.3 30.9 92.8#

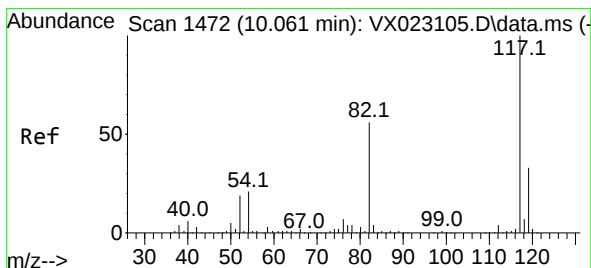
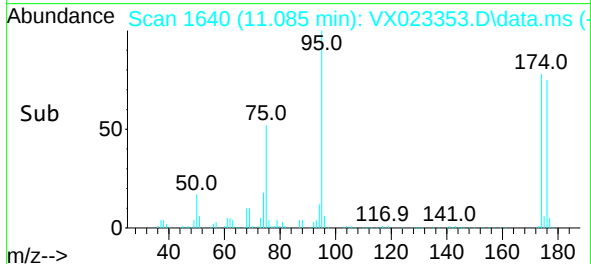
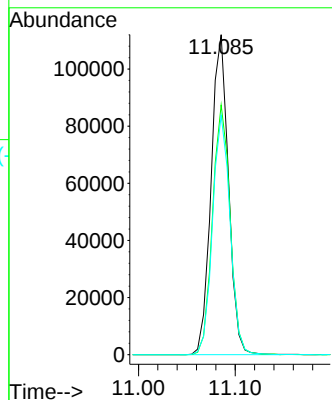
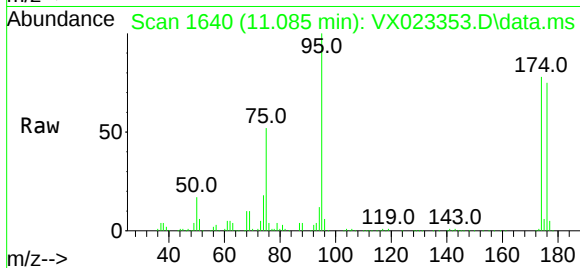




#62
4-Bromofluorobenzene
Concen: 44.916 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

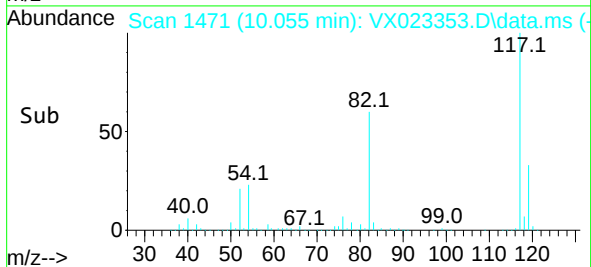
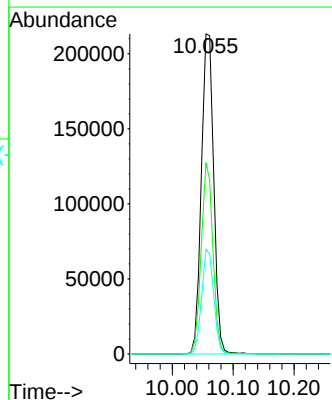
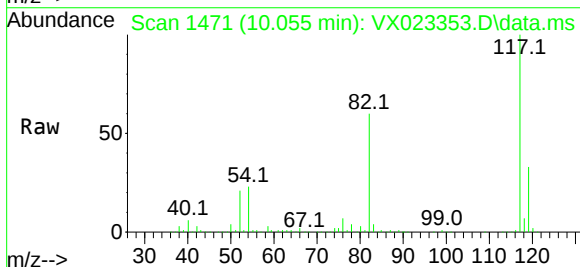
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

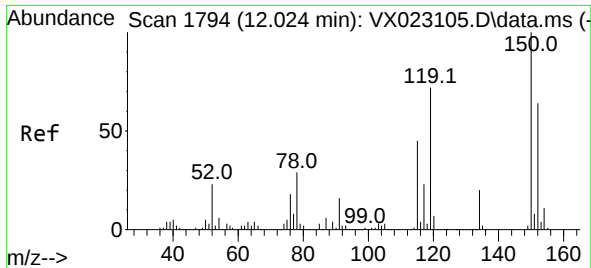
Tgt Ion: 95 Resp: 139524
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 117 Resp: 300543
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.6 26.6 39.8

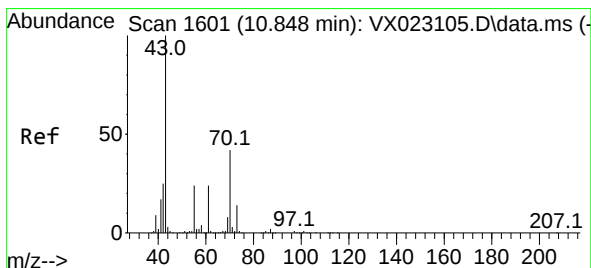
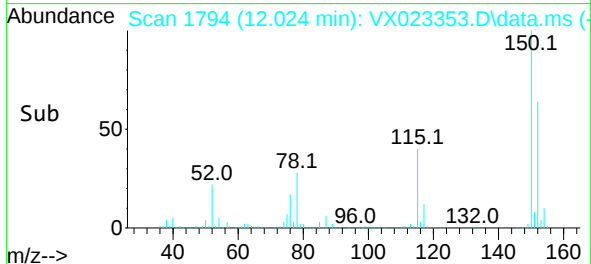
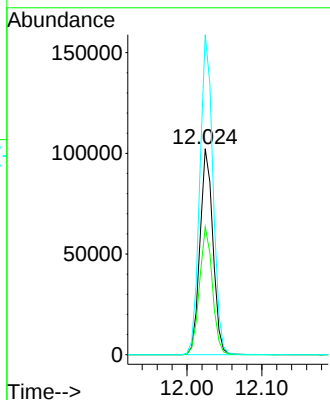
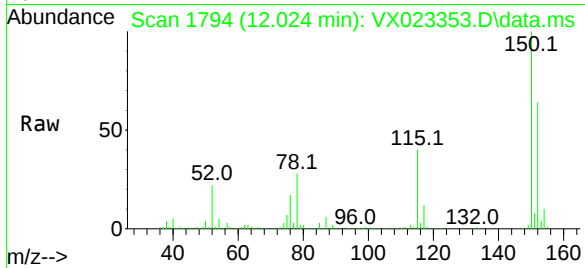




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

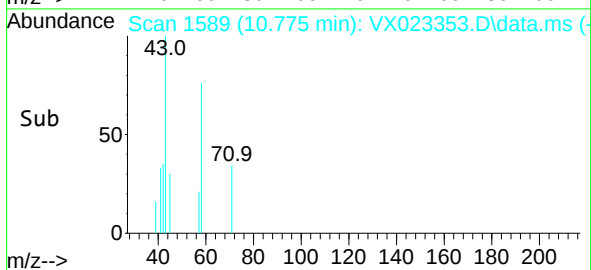
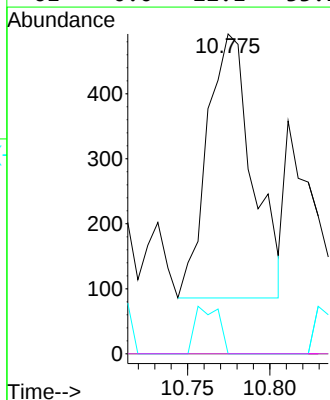
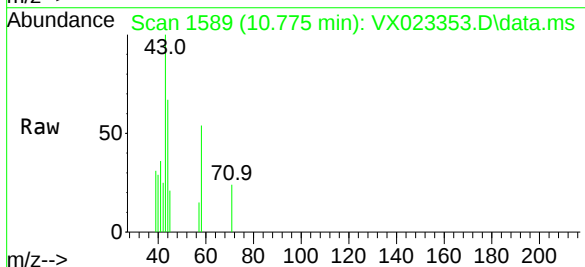
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

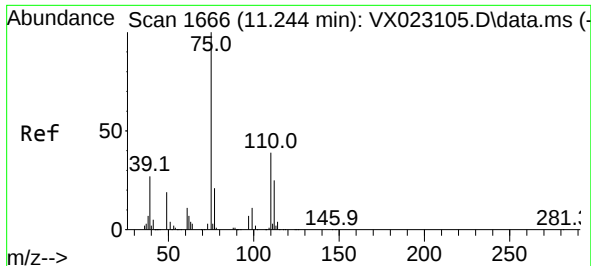
Tgt Ion:152 Resp: 123136
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 157.1 0.0 349.0



#74
N-ethyl acetate
Concen: 0.211 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 9.5 21.5 32.3#
61 0.0 22.1 33.1#

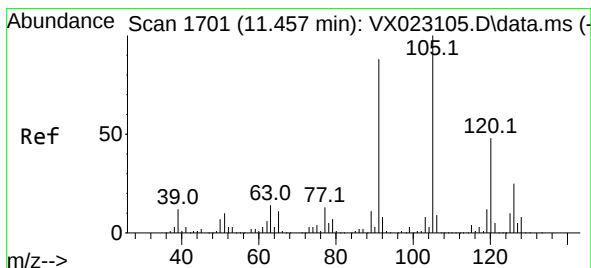
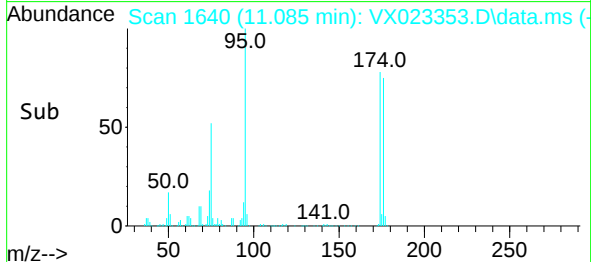
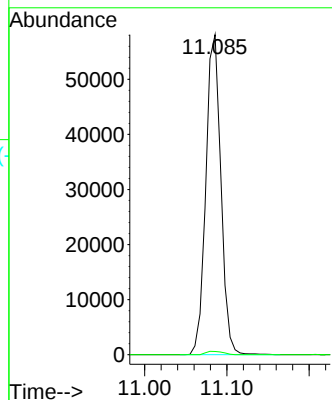
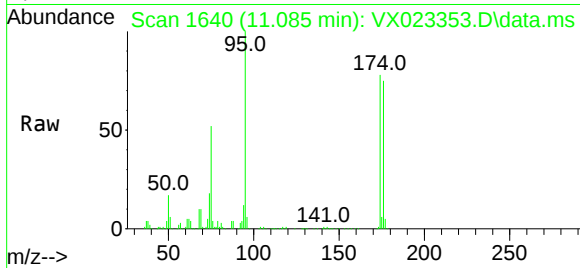




#76
1,2,3-Trichloropropane
Concen: 29.767 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

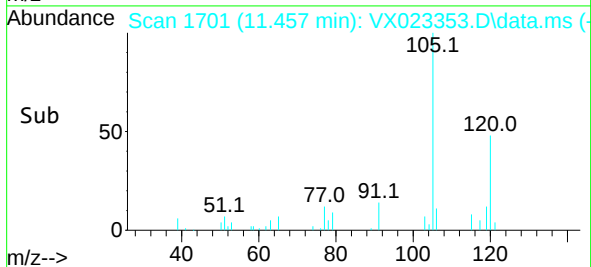
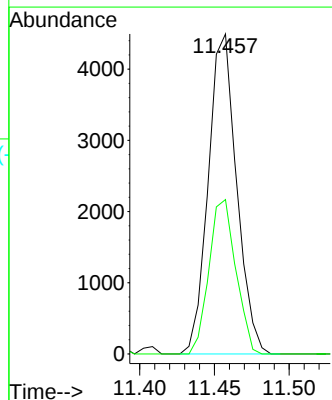
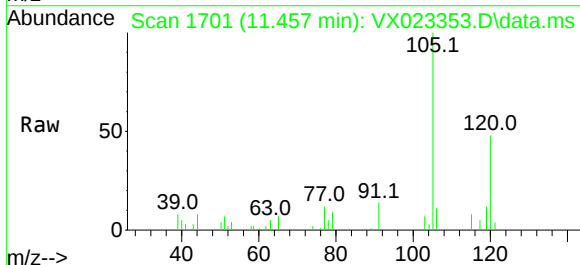
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

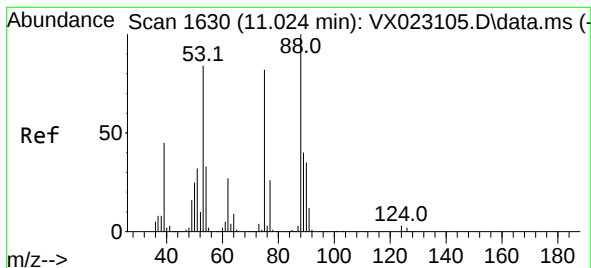
Tgt Ion: 75 Resp: 73761
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.795 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 105 Resp: 5940
Ion Ratio Lower Upper
105 100
120 45.6 23.8 71.5

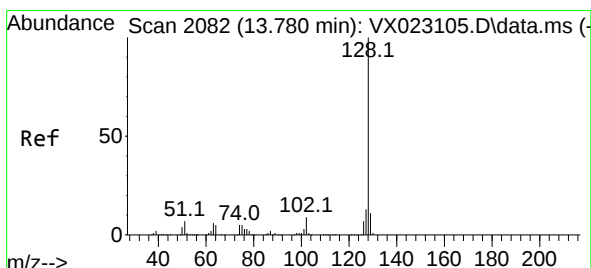
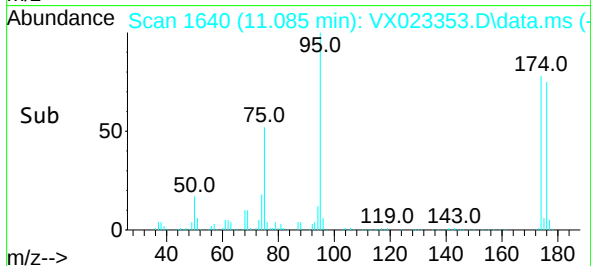
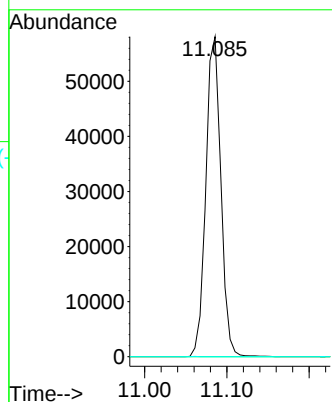
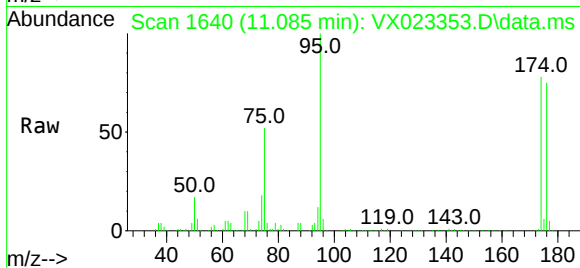




#81
trans-1,4-Dichloro-2-butene
Concen: 79.963 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#18

Tgt Ion: 75 Resp: 73761
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.293 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023353.D
Acq: 19 Jul 2021 19:59

Tgt Ion: 128 Resp: 164
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

