

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023343.D
 Acq On : 19 Jul 2021 16:03
 Operator : JC/MD
 Sample : PB137749ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#08

Quant Time: Jul 20 05:25:52 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

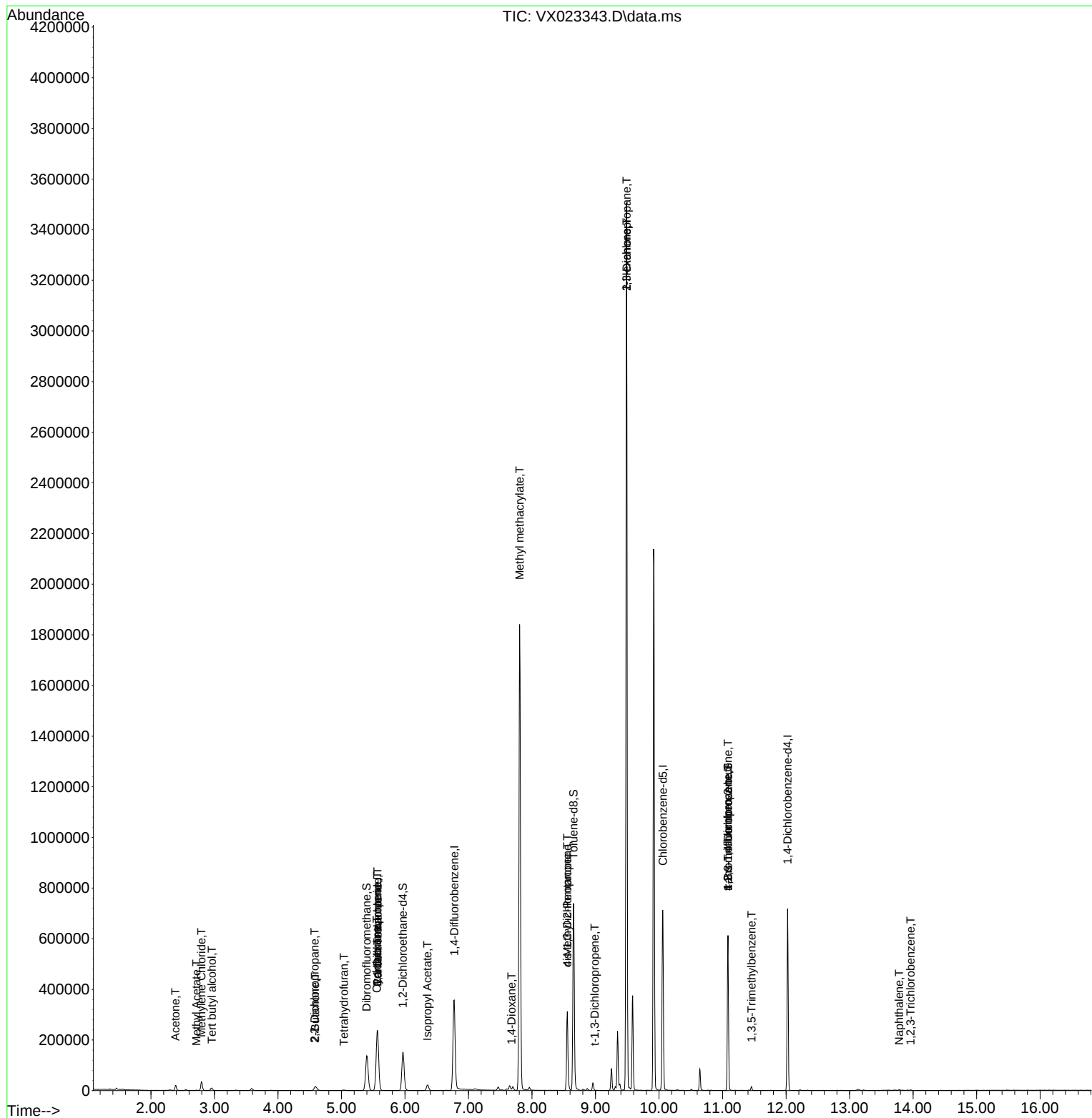
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	219841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	361975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	328010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155891	52.761	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.520%		
35) Dibromofluoromethane	5.397	113	117134	50.111	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.220%		
50) Toluene-d8	8.653	98	435985	50.002	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.000%		
62) 4-Bromofluorobenzene	11.085	95	159616	47.418	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.840%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	298	Below Cal	#	61
11) Tert butyl alcohol	2.959	59	6164	9.917	ug/l #	77
16) Acetone	2.386	43	22038	18.853	ug/l #	87
18) Methyl Acetate	2.715	43	1924	0.678	ug/l #	69
20) Methylene Chloride	2.794	84	15394	6.117	ug/l	94
25) 2-Butanone	4.587	43	5688	3.227	ug/l #	84
26) 2,2-Dichloropropane	4.574	77	1020	0.300	ug/l #	52
29) Tetrahydrofuran	5.038	42	1906	1.682	ug/l #	75
31) Cyclohexane	5.556	56	4571	1.292	ug/l #	23
36) 1,1-Dichloropropene	5.562	75	17400	5.392	ug/l #	49
38) Carbon Tetrachloride	5.568	117	22845	6.782	ug/l #	17
43) Isopropyl Acetate	6.355	43	30448	5.200	ug/l #	93
48) Methyl methacrylate	7.805	41	162290	56.486	ug/l #	38
49) 1,4-Dioxane	7.677	88	19	0.294	ug/l #	24
51) 4-Methyl-2-Pentanone	8.555	43	107149	29.532	ug/l #	45
53) t-1,3-Dichloropropene	8.988	75	184	2.780	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	48472	13.219	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	28858	6.857	ug/l #	43
59) 2-Hexanone	9.488	43	410948	147.617	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	84425	30.068	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	6184	0.731	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	84425	80.722	ug/l #	12
95) Naphthalene	13.780	128	2331	1.494	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	666	0.234	ug/l	90

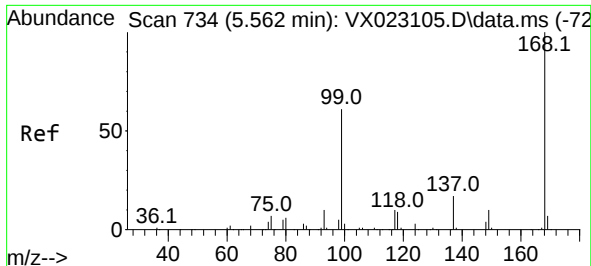
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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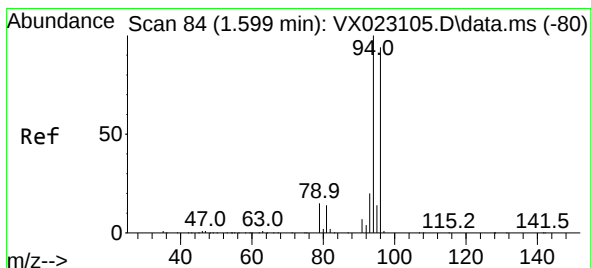
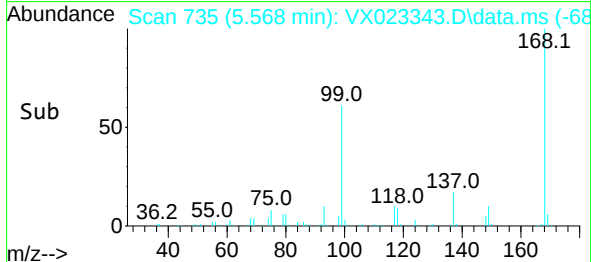
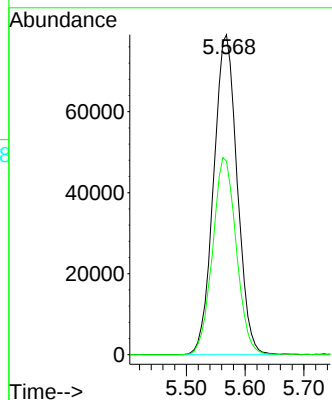
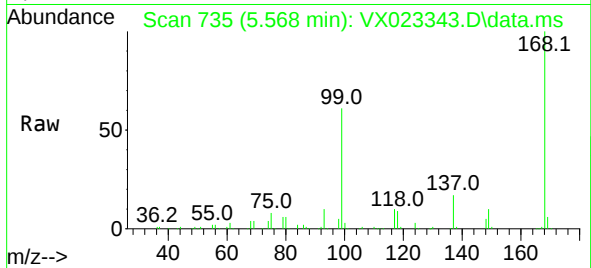




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

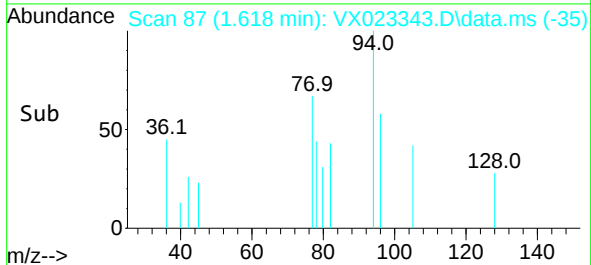
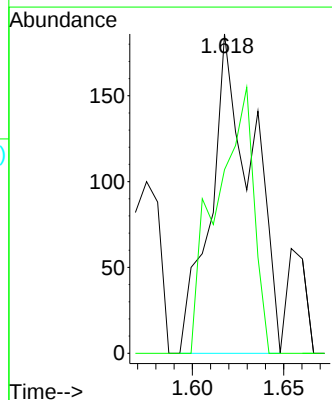
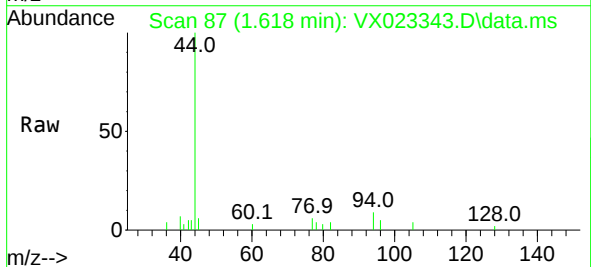
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

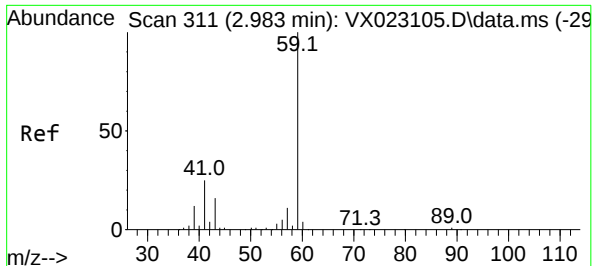
Tgt Ion:168 Resp: 219841
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 94 Resp: 298
Ion Ratio Lower Upper
94 100
96 57.5 76.4 114.6#

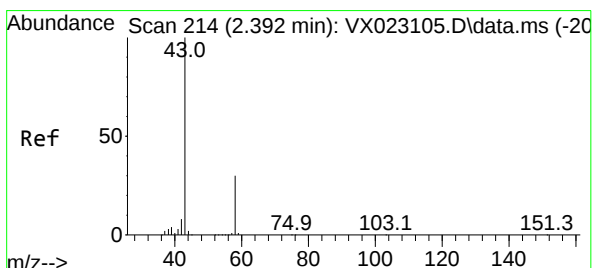
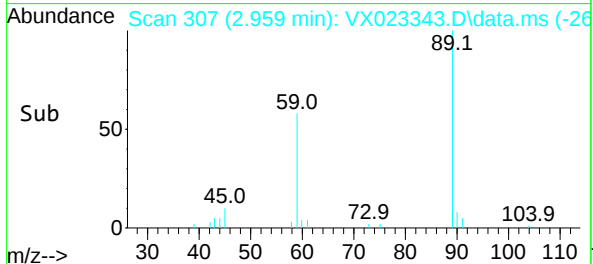
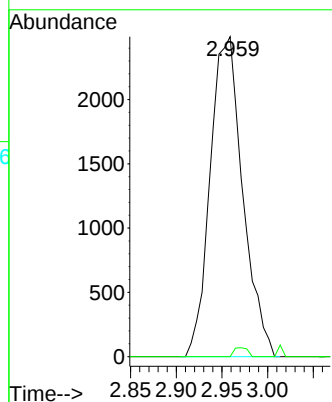
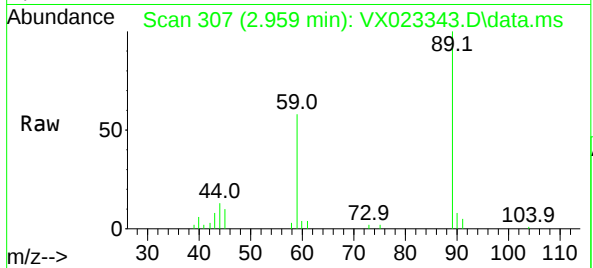




#11
Tert butyl alcohol
Concen: 9.917 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

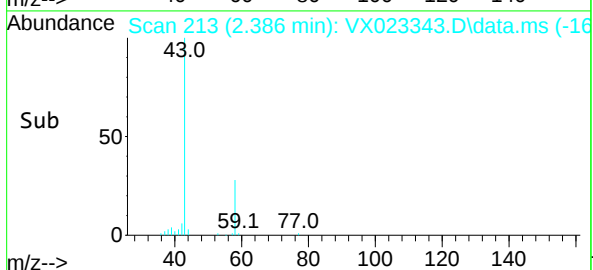
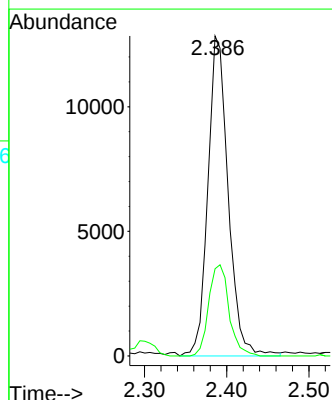
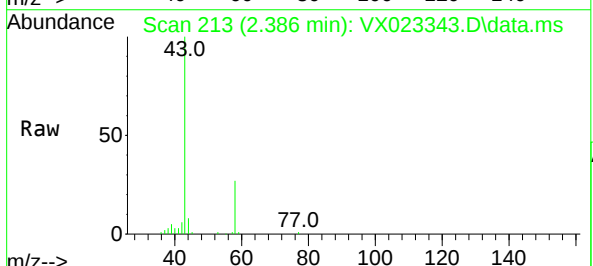
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

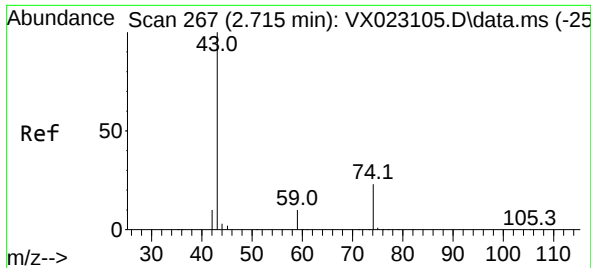
Tgt Ion: 59 Resp: 6164
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#



#16
Acetone
Concen: 18.853 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 43 Resp: 22038
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#

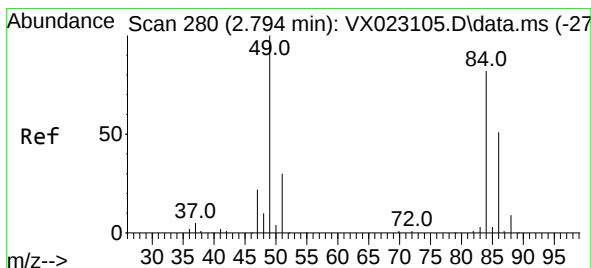
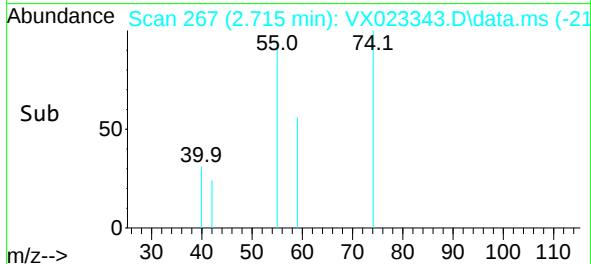
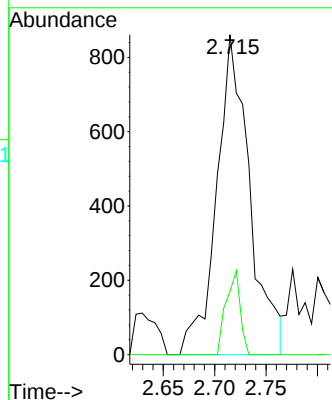
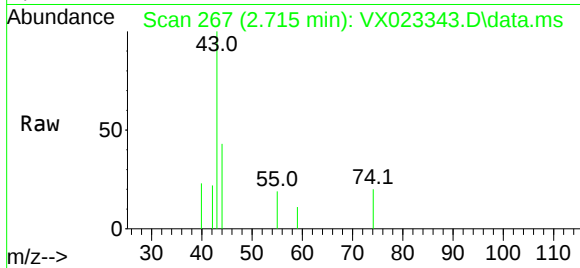




#18
Methyl Acetate
Concen: 0.678 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

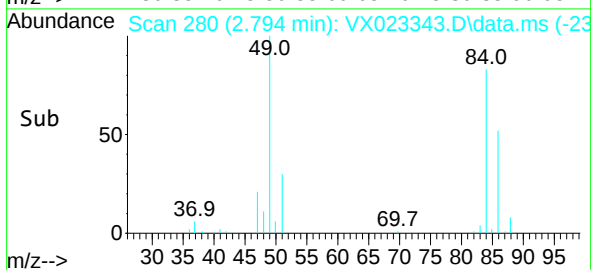
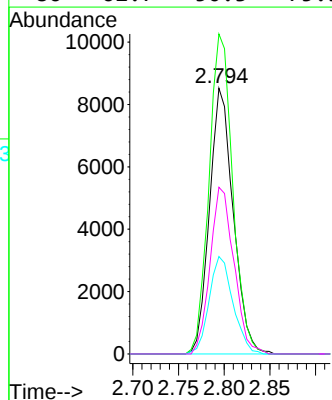
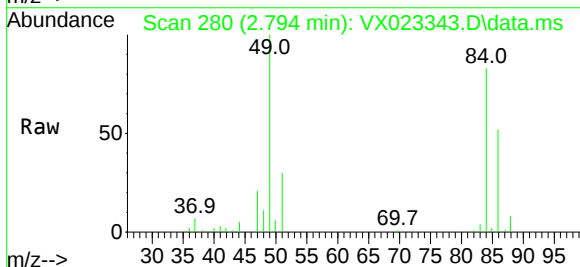
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

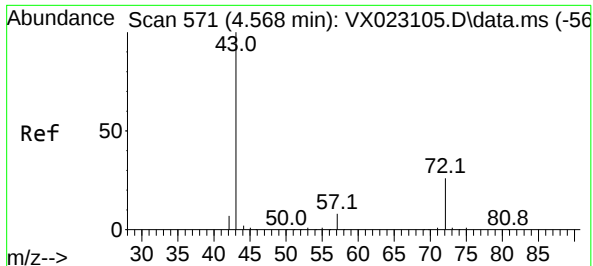
Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
74 11.2 21.9 32.9#



#20
Methylene Chloride
Concen: 6.117 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 84 Resp: 15394
Ion Ratio Lower Upper
84 100
49 120.4 88.6 132.8
51 36.7 27.0 40.6
86 62.7 50.3 75.5

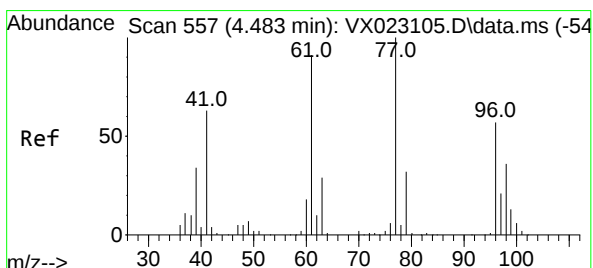
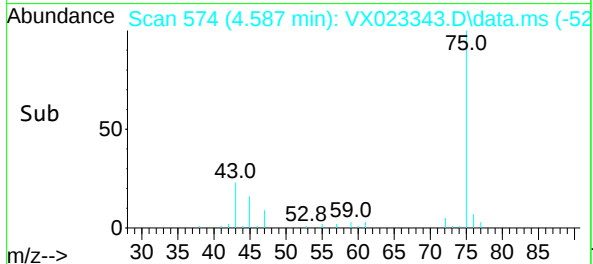
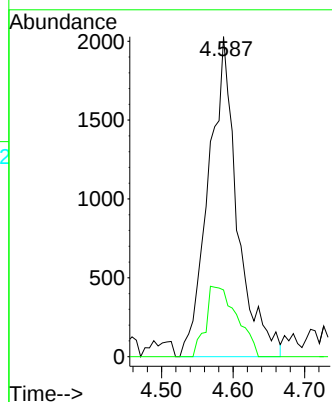
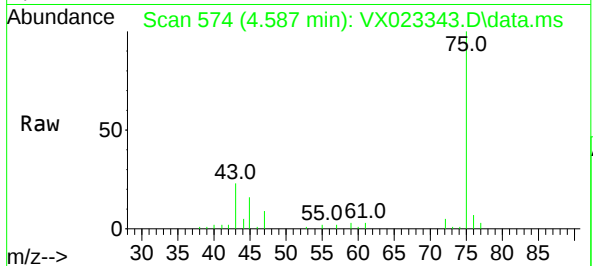




#25
2-Butanone
Concen: 3.227 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

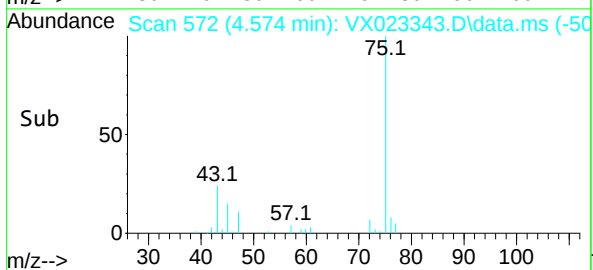
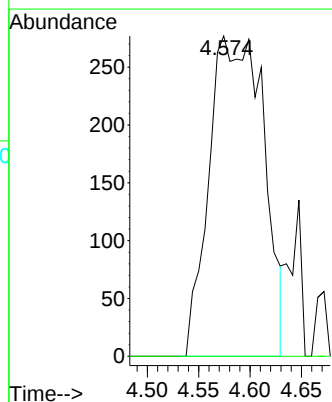
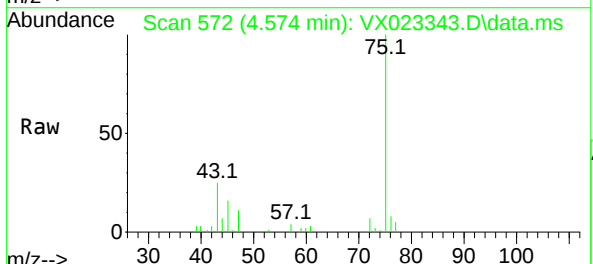
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

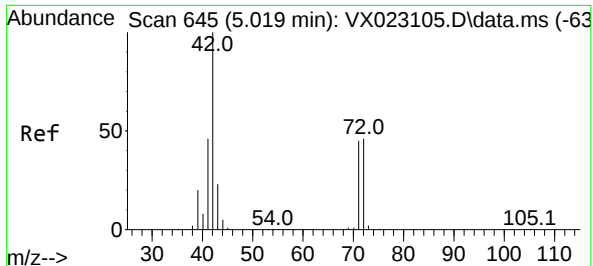
Tgt Ion: 43 Resp: 5688
Ion Ratio Lower Upper
43 100
72 20.8 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.300 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.091 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 77 Resp: 1020
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#29

Tetrahydrofuran

Concen: 1.682 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

Lab File: VX023343.D

Acq: 19 Jul 2021 16:03

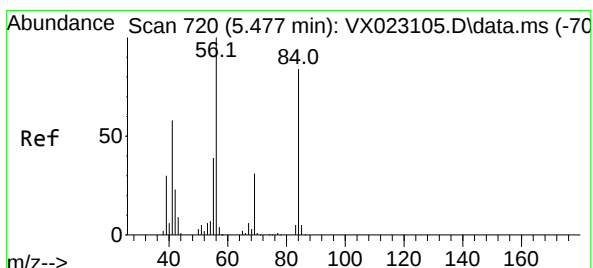
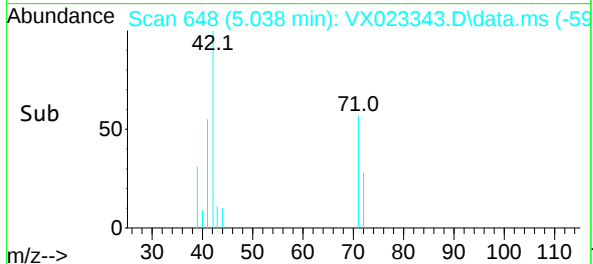
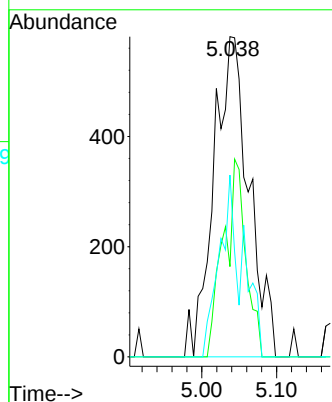
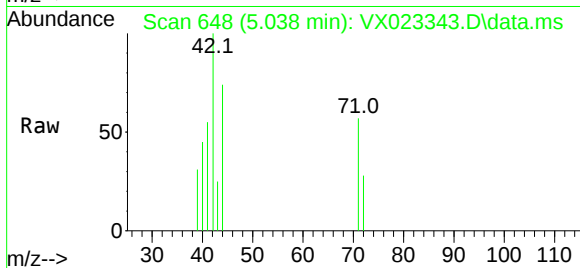
Instrument :

MSVOA_X

ClientSampleId :

PB137749ZHE#08

Tgt Ion:	42	Resp:	1906
Ion	Ratio	Lower	Upper
42	100		
72	39.0	41.7	62.5#
71	25.8	38.4	57.6#



#31

Cyclohexane

Concen: 1.292 ug/l

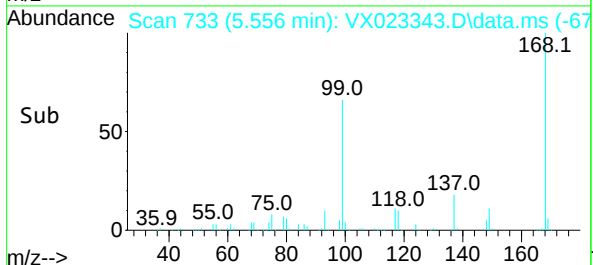
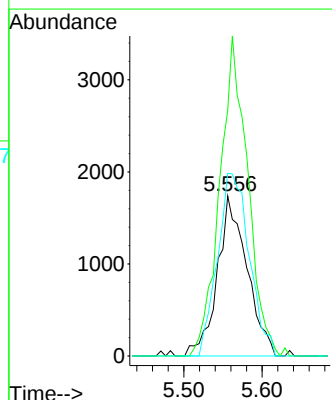
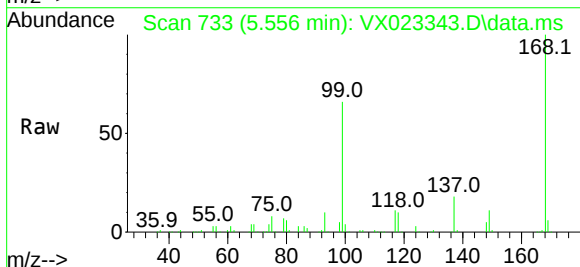
RT: 5.556 min Scan# 733

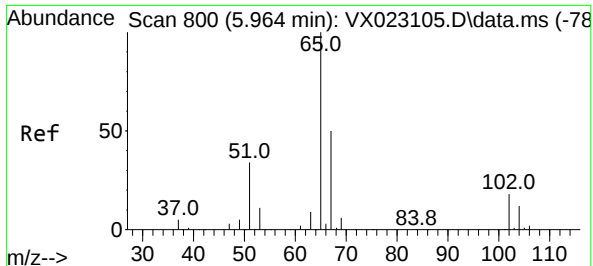
Delta R.T. 0.079 min

Lab File: VX023343.D

Acq: 19 Jul 2021 16:03

Tgt Ion:	56	Resp:	4571
Ion	Ratio	Lower	Upper
56	100		
69	153.4	25.3	37.9#
84	114.1	71.4	107.0#



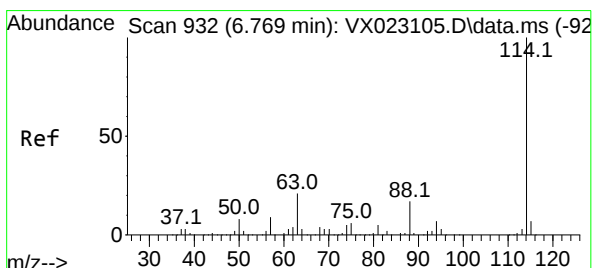
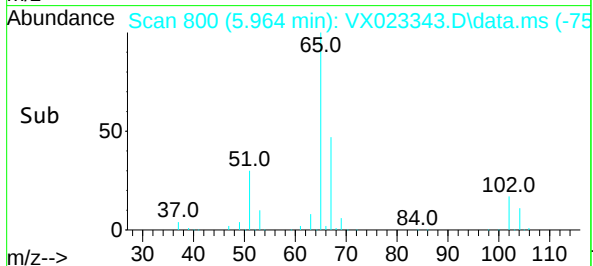
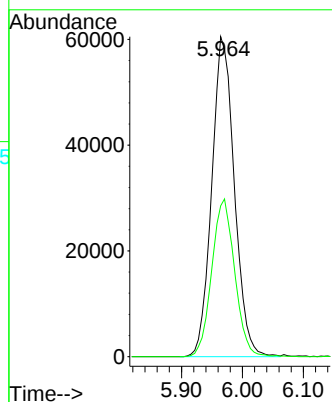
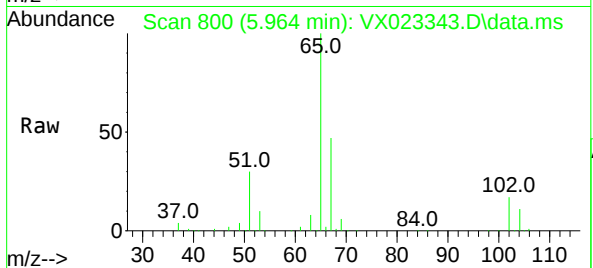


#33

1,2-Dichloroethane-d4
Concen: 52.761 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

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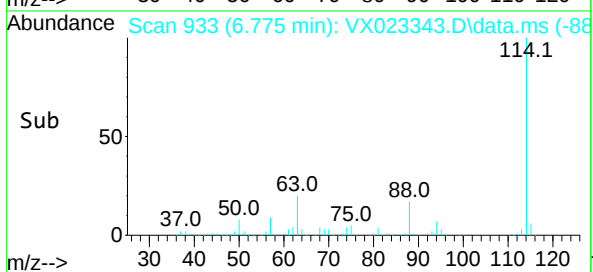
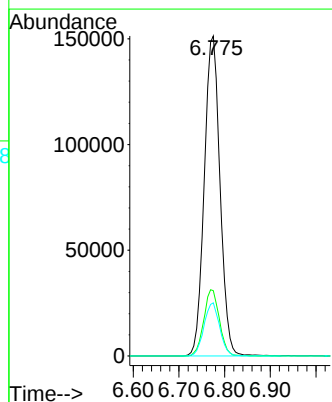
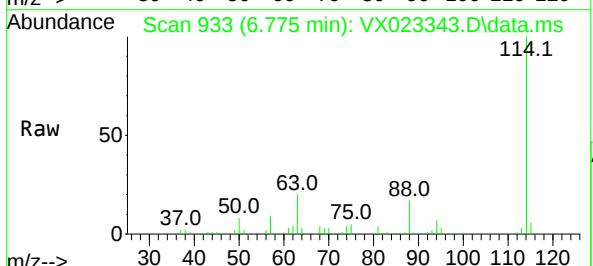
Tgt Ion: 65 Resp: 155891
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

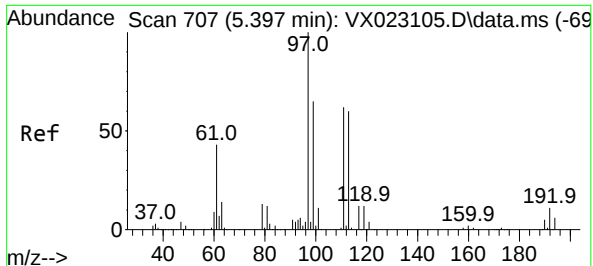


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

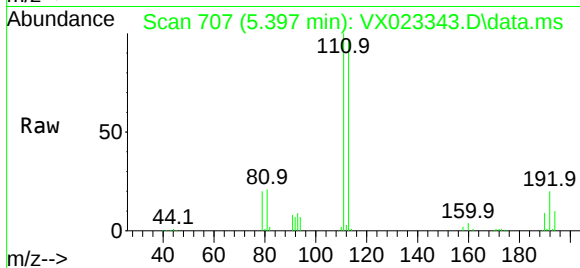
Tgt Ion: 114 Resp: 361975
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.6 0.0 32.8



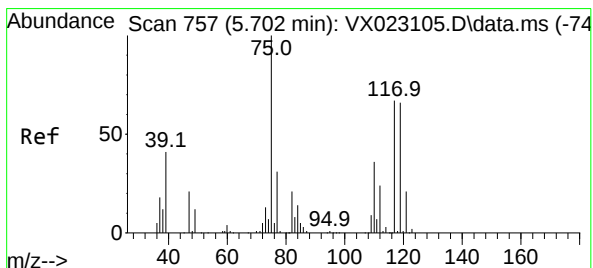
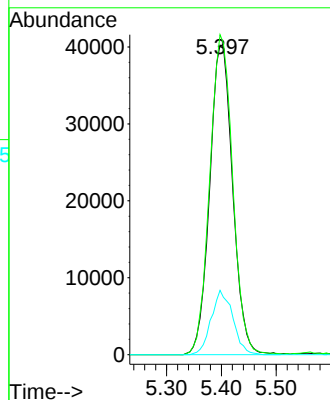
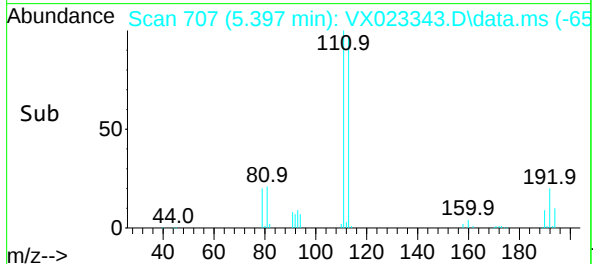


#35
Dibromofluoromethane
Concen: 50.111 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

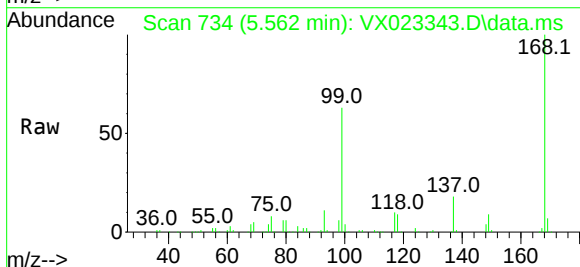
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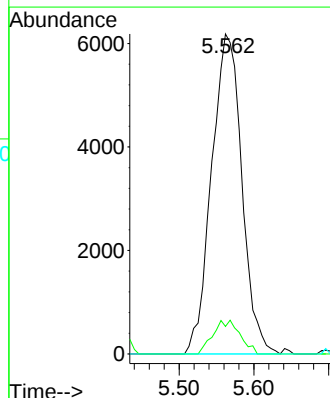
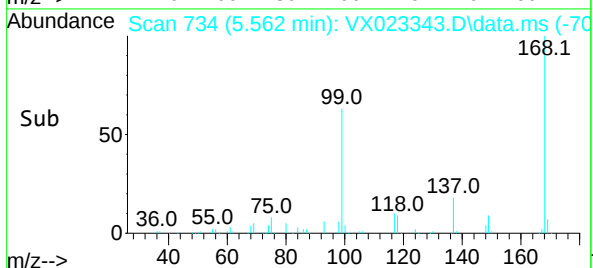
Tgt Ion:113 Resp: 117134
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.6 16.7 25.1

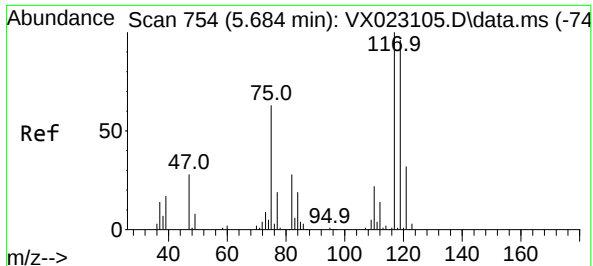


#36
1,1-Dichloropropene
Concen: 5.392 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03



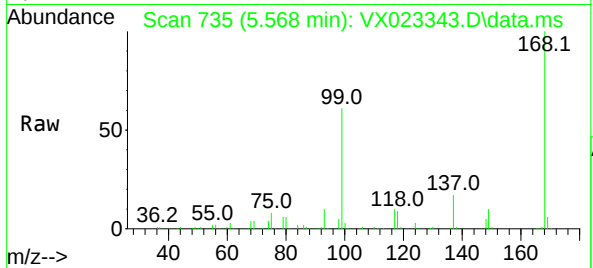
Tgt Ion: 75 Resp: 17400
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



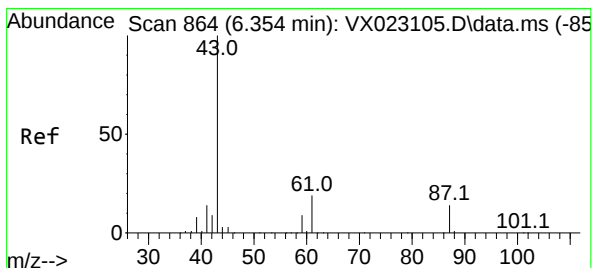
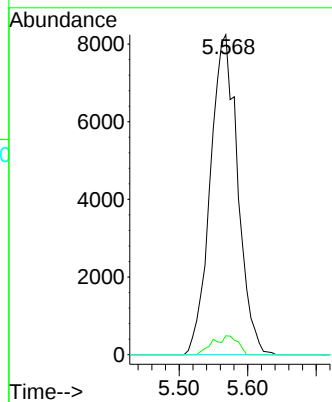
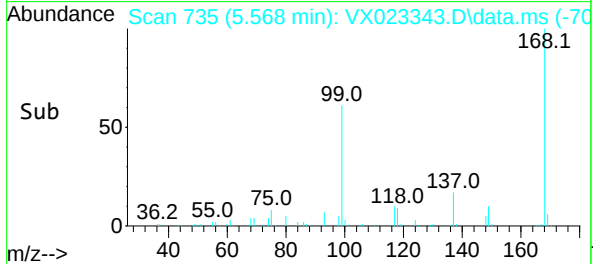


#38
Carbon Tetrachloride
Concen: 6.782 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

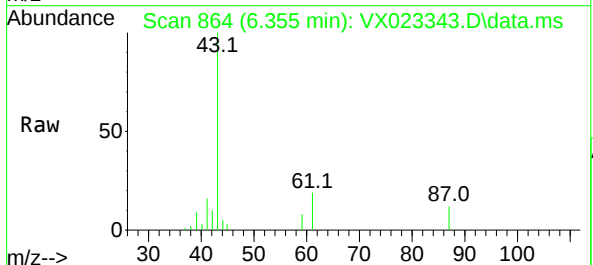
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08



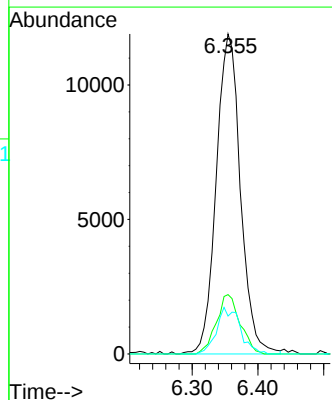
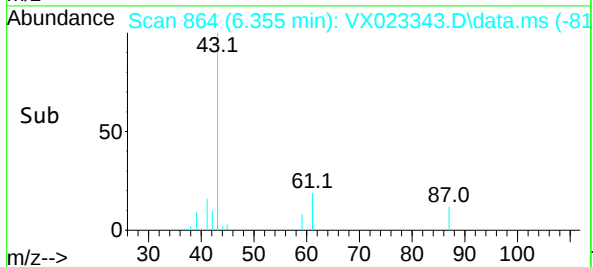
Tgt Ion:117 Resp: 22845
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

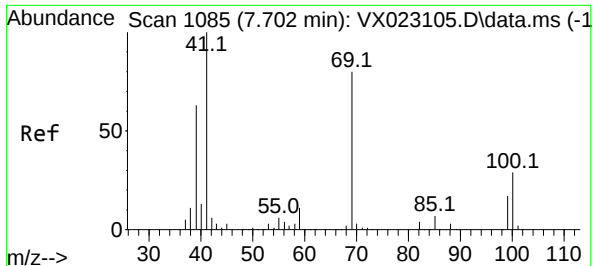


#43
Isopropyl Acetate
Concen: 5.200 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03



Tgt Ion: 43 Resp: 30448
Ion Ratio Lower Upper
43 100
61 18.2 18.2 27.4#
87 14.2 12.5 18.7

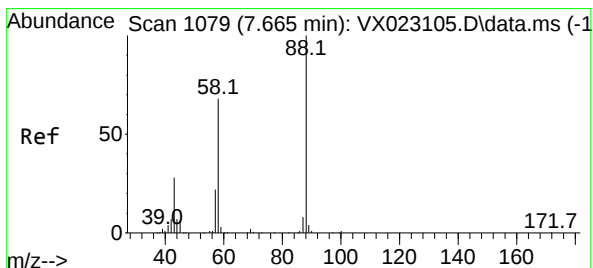
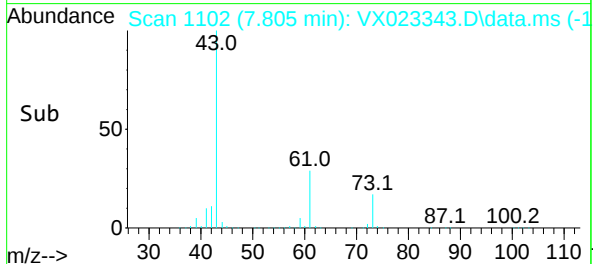
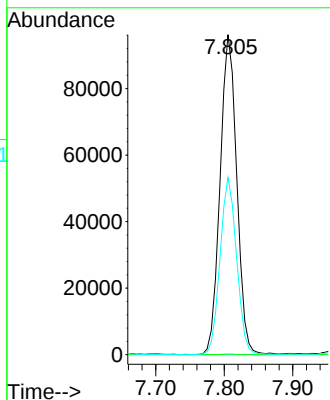
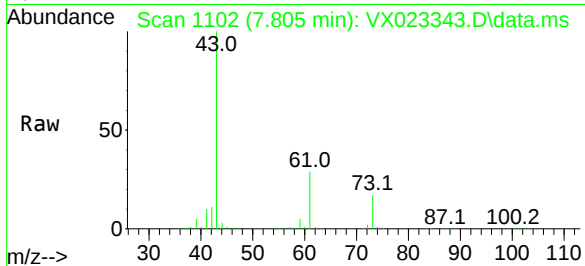




#48
Methyl methacrylate
Concen: 56.486 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

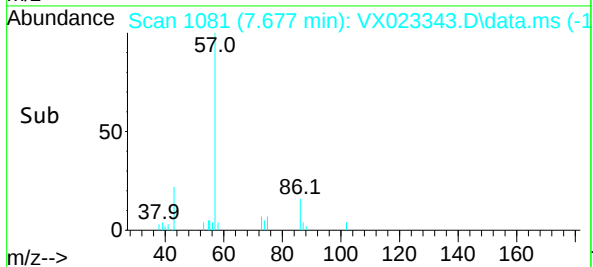
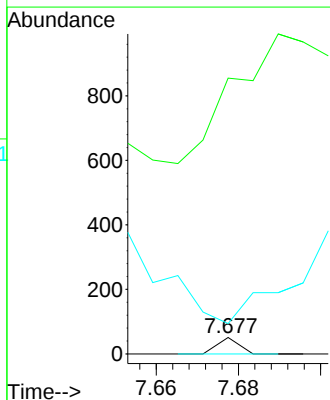
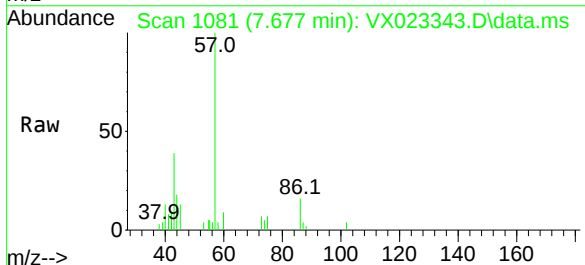
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

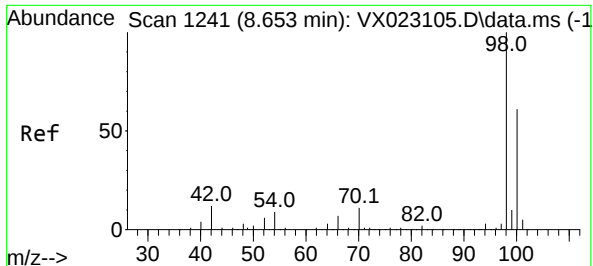
Tgt Ion: 41 Resp: 162290
Ion Ratio Lower Upper
41 100
69 0.2 76.0 114.0#
39 54.9 44.6 67.0



#49
1,4-Dioxane
Concen: 0.294 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

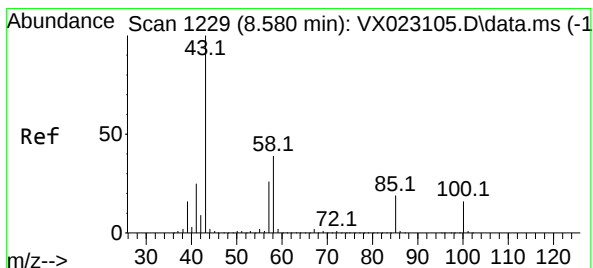
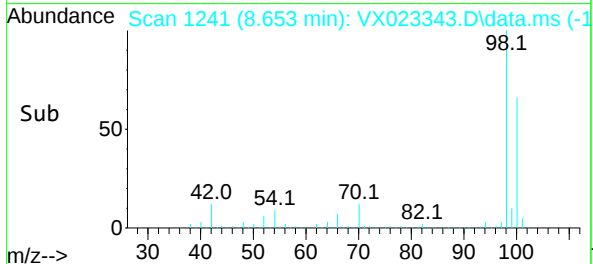
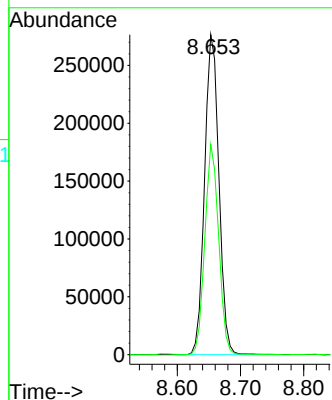
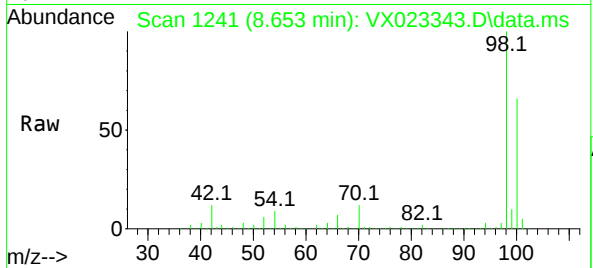




#50
Toluene-d8
Concen: 50.002 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

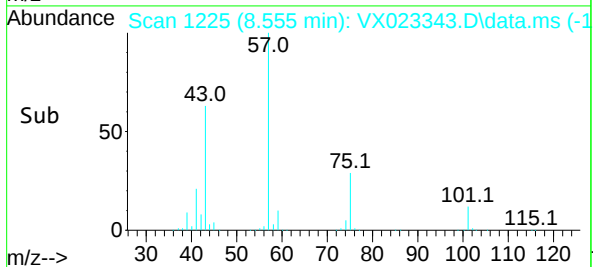
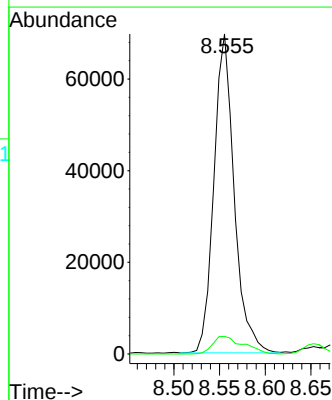
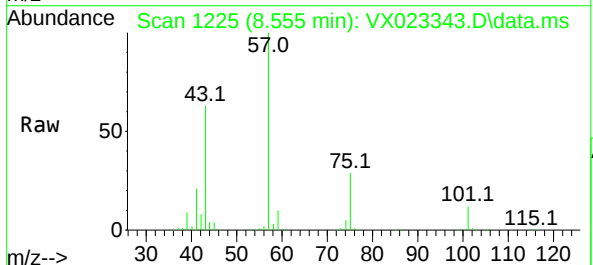
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

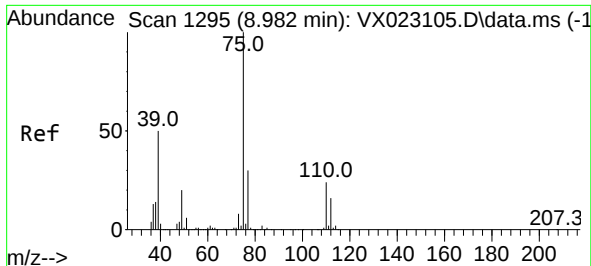
Tgt Ion: 98 Resp: 435985
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 29.532 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 43 Resp: 107149
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#

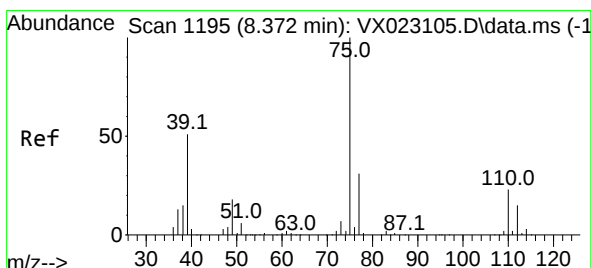
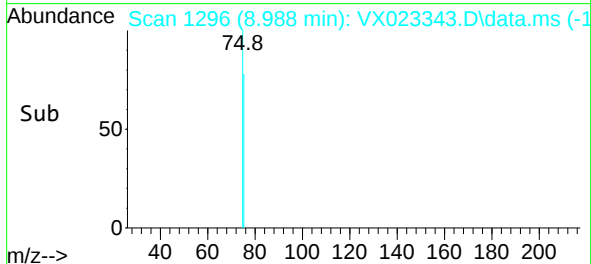
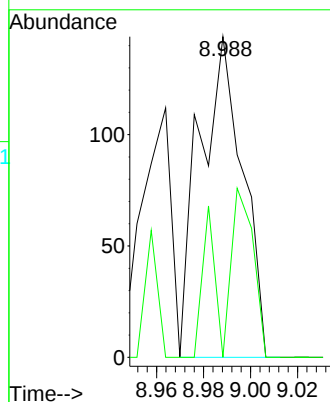
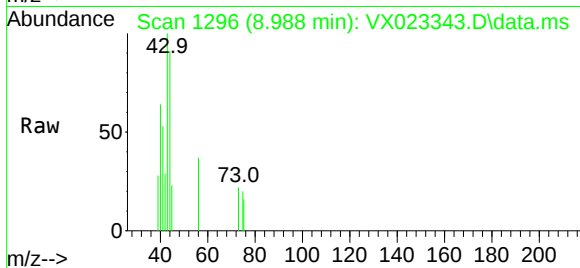




#53
t-1,3-Dichloropropene
Concen: 2.780 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

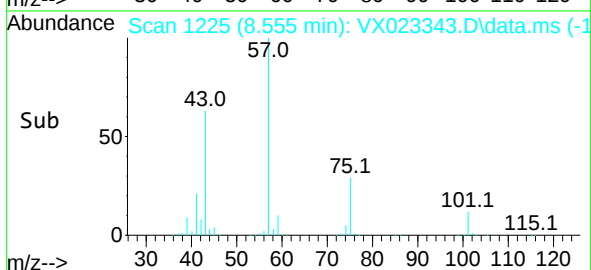
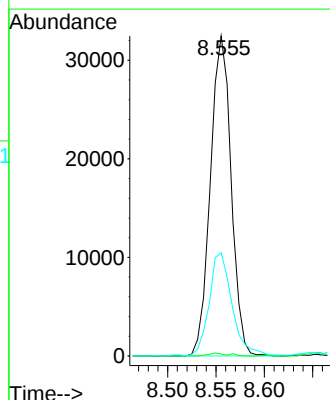
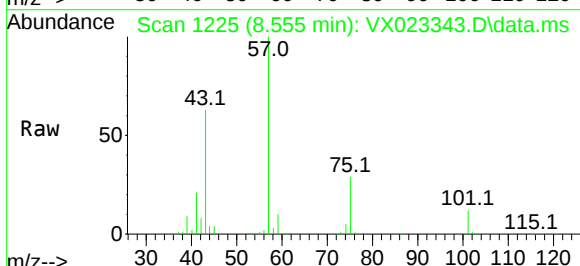
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

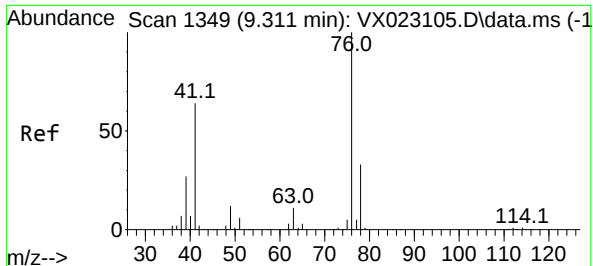
Tgt Ion: 75 Resp: 184
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 13.219 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 75 Resp: 48472
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 31.9 35.1 52.7#



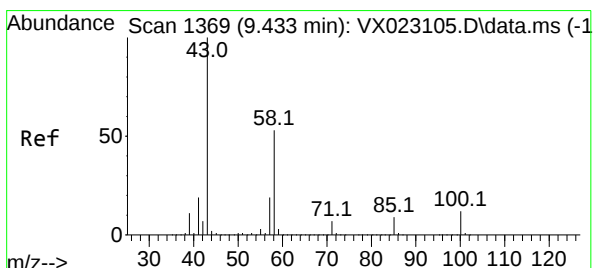
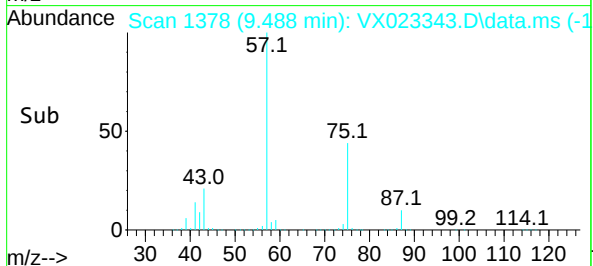
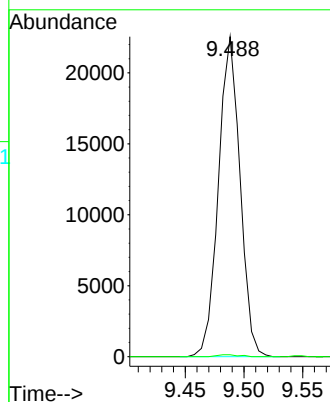
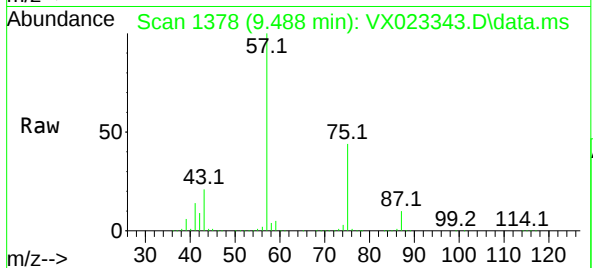


#57

1,3-Dichloropropane
Concen: 6.857 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

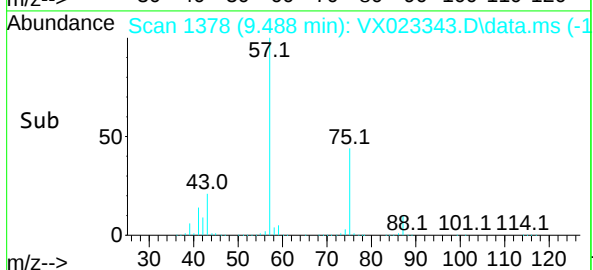
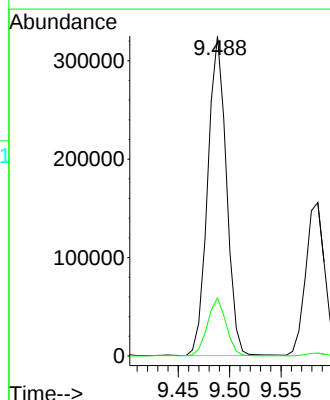
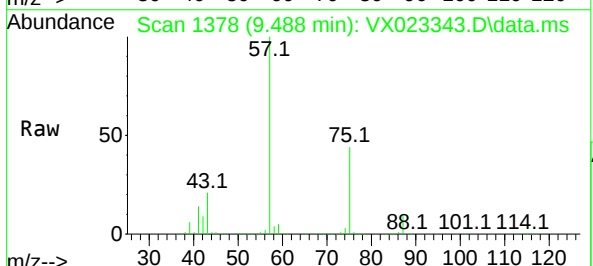
Tgt Ion: 76 Resp: 28858
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#

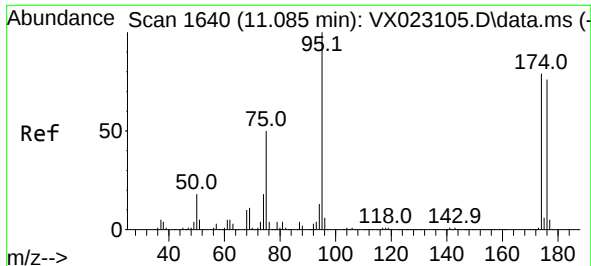


#59

2-Hexanone
Concen: 147.617 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 43 Resp: 410948
Ion Ratio Lower Upper
43 100
58 18.1 30.9 92.8#

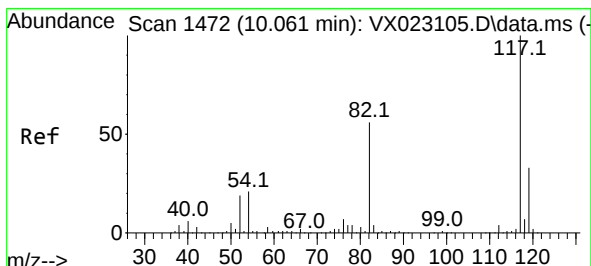
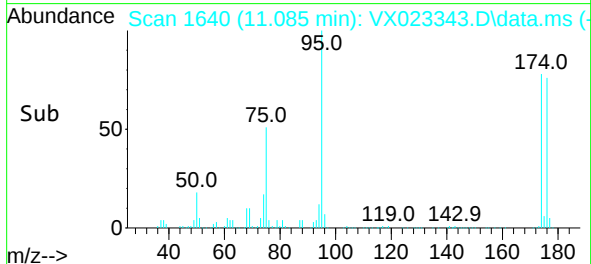
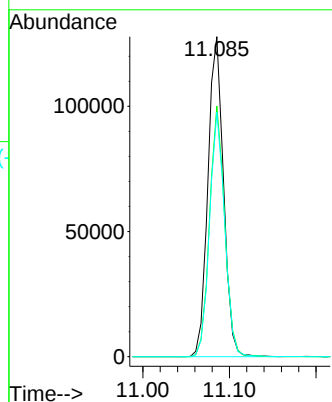
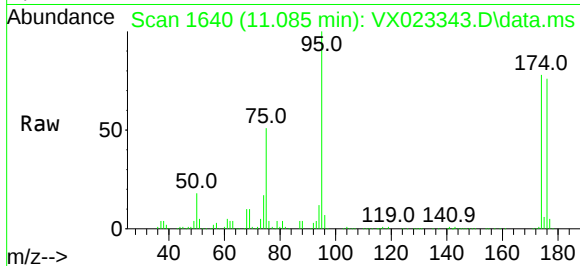




#62
4-Bromofluorobenzene
Concen: 47.418 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

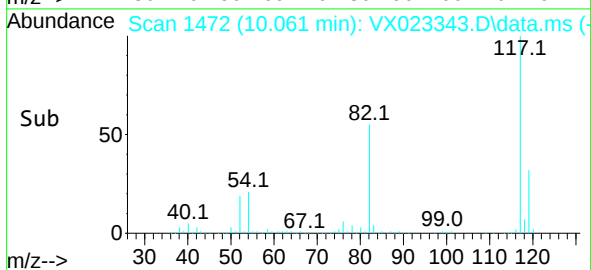
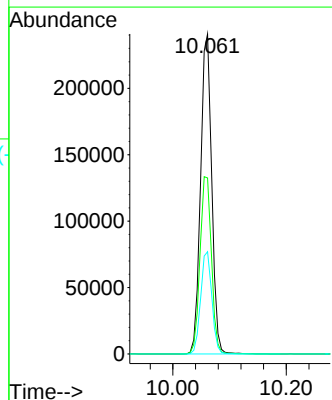
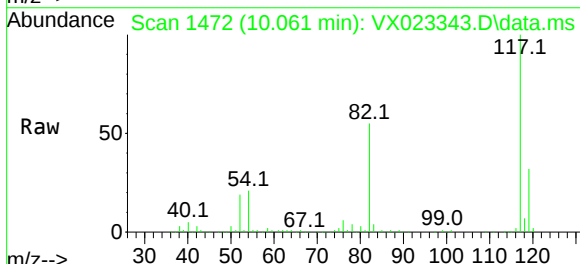
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

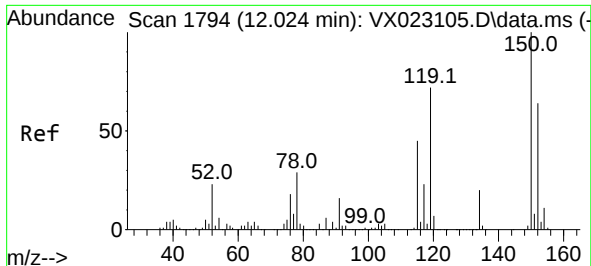
Tgt Ion: 95 Resp: 159616
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 117 Resp: 328010
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.0 26.6 39.8

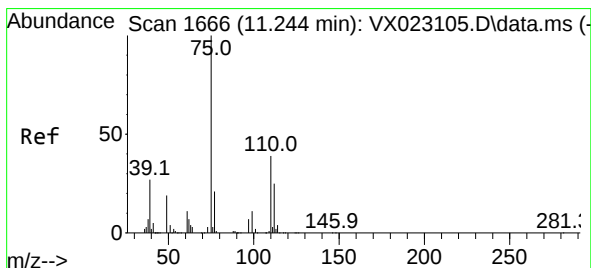
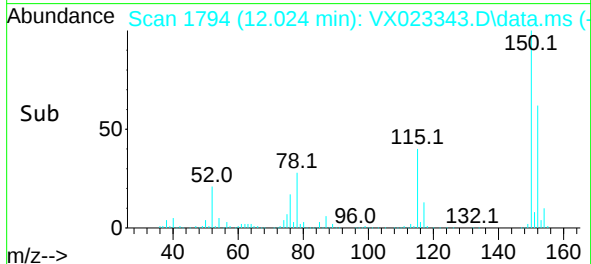
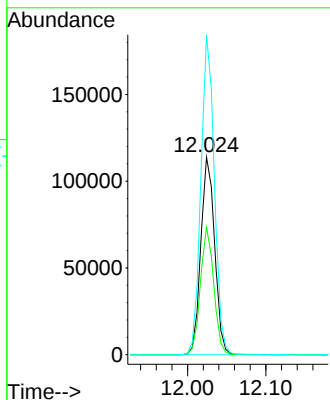
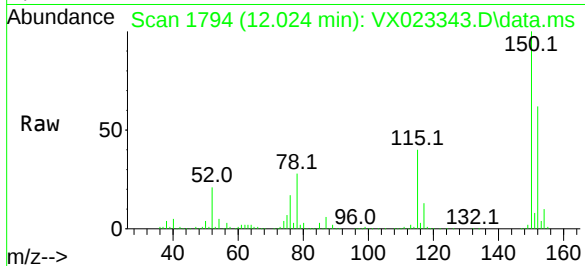




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

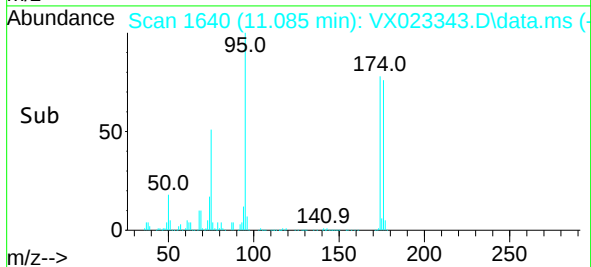
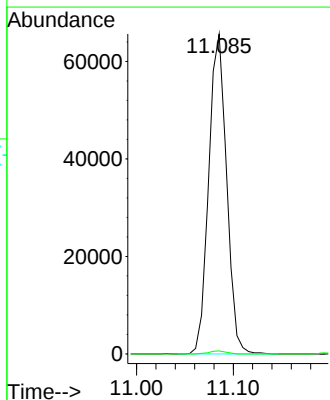
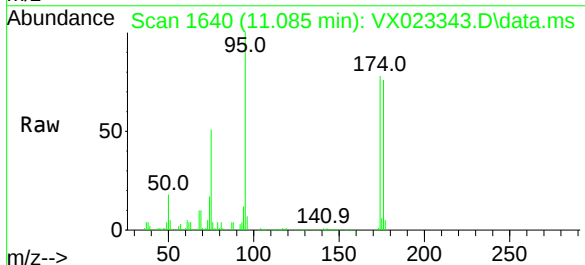
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

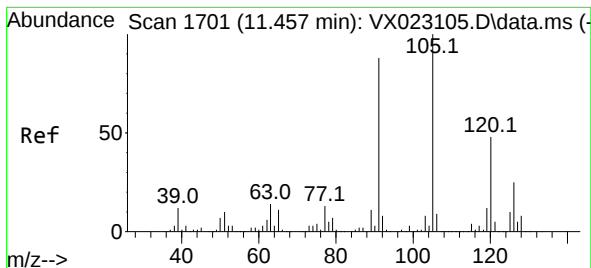
Tgt Ion:152 Resp: 139530
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 157.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 30.068 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 75 Resp: 84425
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

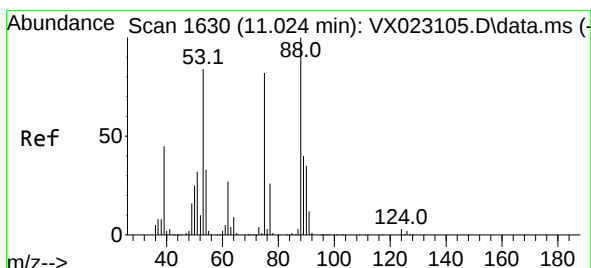
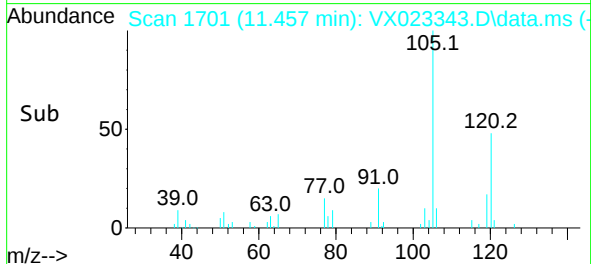
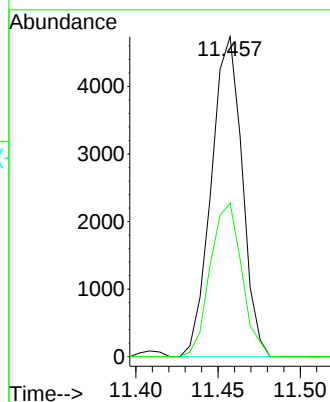
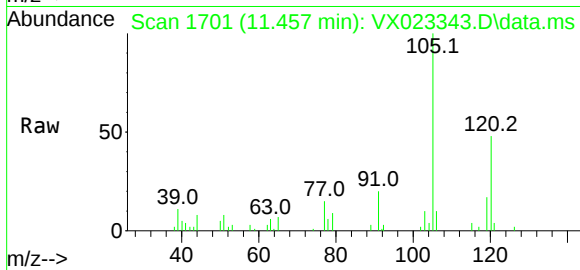




#80
1,3,5-Trimethylbenzene
Concen: 0.731 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

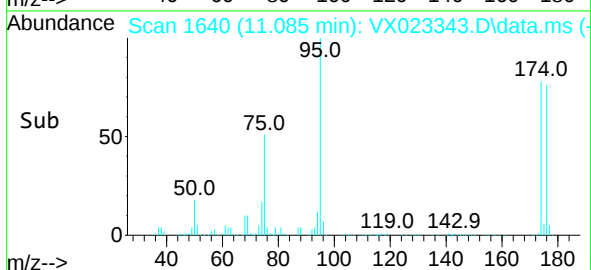
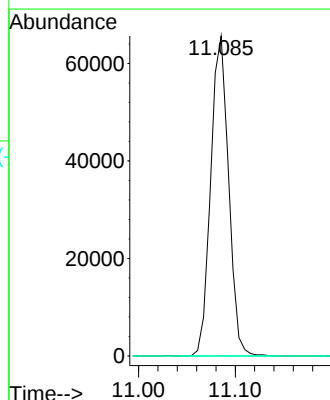
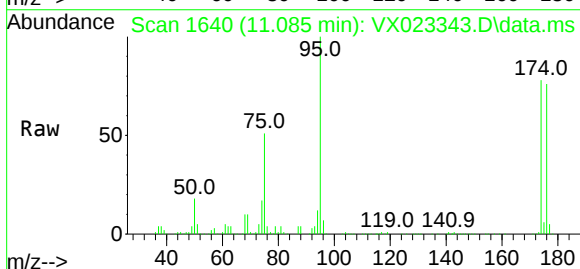
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

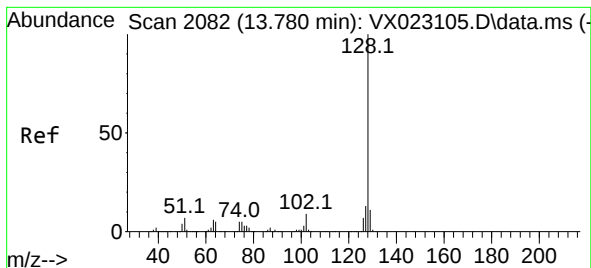
Tgt Ion:105 Resp: 6184
Ion Ratio Lower Upper
105 100
120 49.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 80.722 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion: 75 Resp: 84425
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

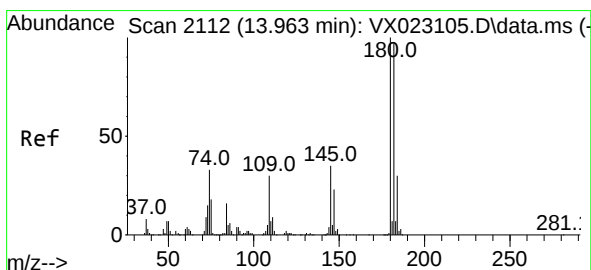
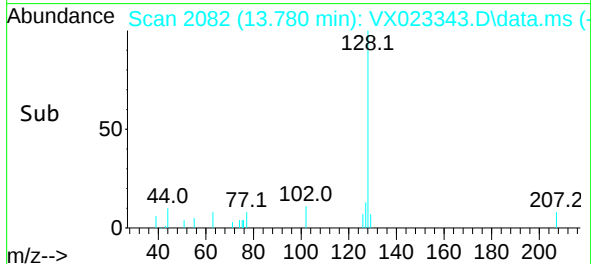
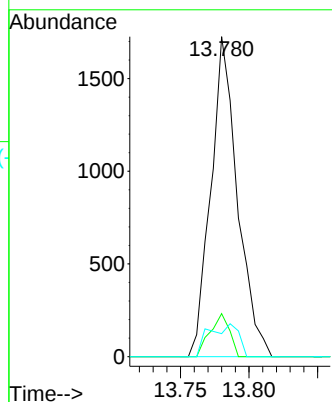
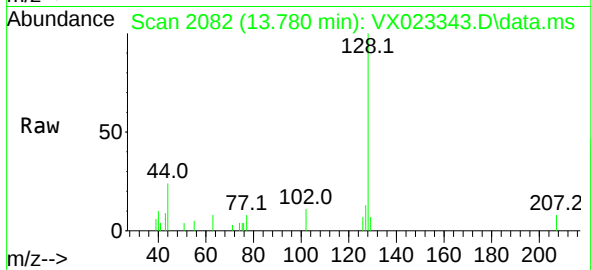




#95
Naphthalene
Concen: 1.494 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#08

Tgt Ion:128 Resp: 2331
Ion Ratio Lower Upper
128 100
127 9.8 10.3 15.5#
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.234 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX023343.D
Acq: 19 Jul 2021 16:03

Tgt Ion:180 Resp: 666
Ion Ratio Lower Upper
180 100
182 100.0 47.6 142.9
145 46.7 16.1 48.3

