

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023341.D
 Acq On : 19 Jul 2021 14:55
 Operator : JC/MD
 Sample : PB137749ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#05

Quant Time: Jul 20 05:25:17 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)

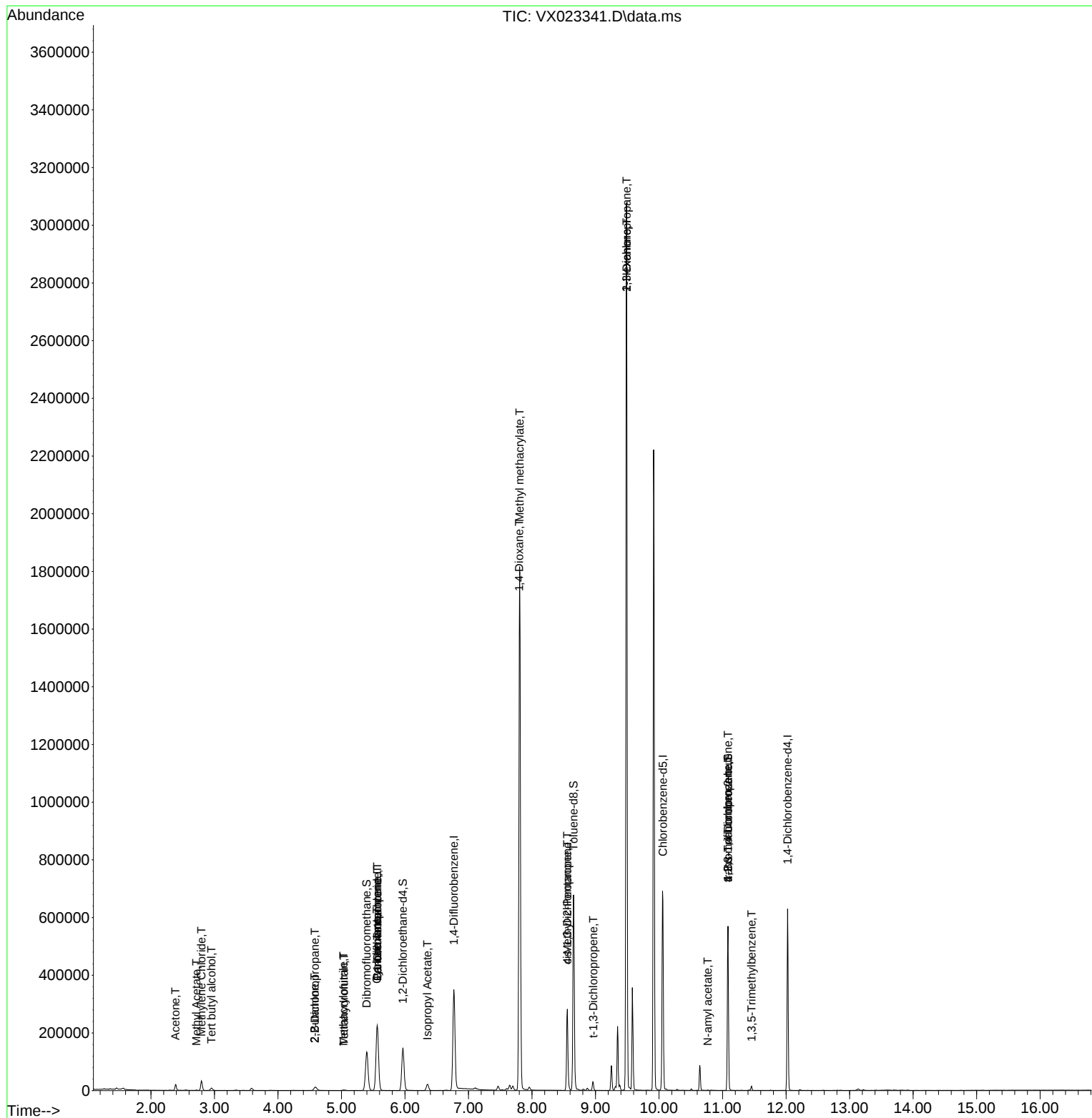
Internal Standards						
1) Pentafluorobenzene	5.562	168	212012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	311923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149808	52.575	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.140%			
35) Dibromofluoromethane	5.397	113	114919	51.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.260%			
50) Toluene-d8	8.653	98	412686	49.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.085	95	148147	45.773	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.540%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	456	Below Cal	#	73
11) Tert butyl alcohol	2.953	59	5246	8.751	ug/l #	77
16) Acetone	2.386	43	21811	19.348	ug/l	90
18) Methyl Acetate	2.715	43	1653	0.604	ug/l #	84
20) Methylene Chloride	2.794	84	15227	6.274	ug/l	94
25) 2-Butanone	4.574	43	5682	3.342	ug/l	97
26) 2,2-Dichloropropane	4.580	77	844	0.257	ug/l #	52
29) Tetrahydrofuran	5.038	42	1684	1.541	ug/l #	66
31) Cyclohexane	5.556	56	4536	1.330	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	16214	5.226	ug/l #	50
38) Carbon Tetrachloride	5.562	117	22334	6.896	ug/l #	16
41) Methacrylonitrile	5.032	41	1384	0.731	ug/l #	41
43) Isopropyl Acetate	6.355	43	30042	5.336	ug/l	93
48) Methyl methacrylate	7.806	41	161851	58.589	ug/l #	37
49) 1,4-Dioxane	7.799	88	238	3.828	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	91934	26.353	ug/l #	46
53) t-1,3-Dichloropropene	8.964	75	77	2.755	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	49139	13.820	ug/l #	56
57) 1,3-Dichloropropane	9.488	76	28377	7.013	ug/l #	43
59) 2-Hexanone	9.488	43	336715	125.796	ug/l #	46
74) N-amyl acetate	10.768	43	854	0.228	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	76580	30.317	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	6112	0.803	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	76580	81.350	ug/l #	12

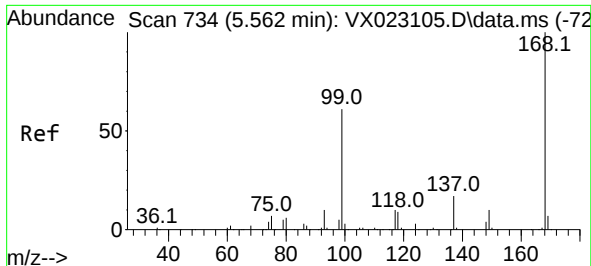
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Jul 20 05:25:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
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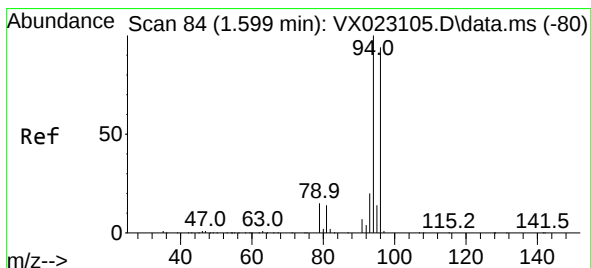
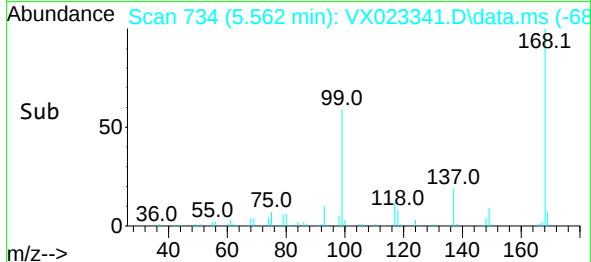
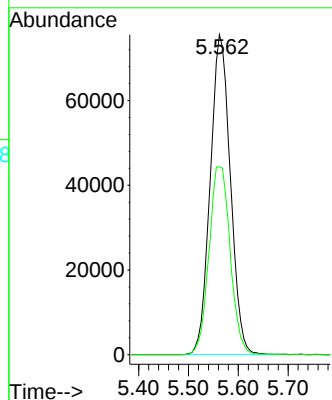
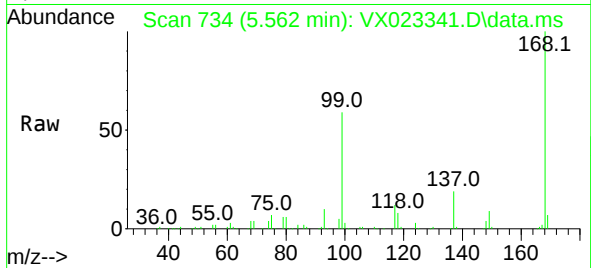




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

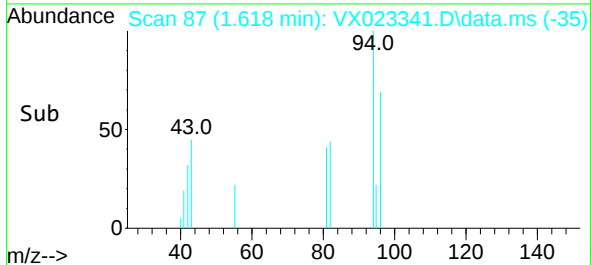
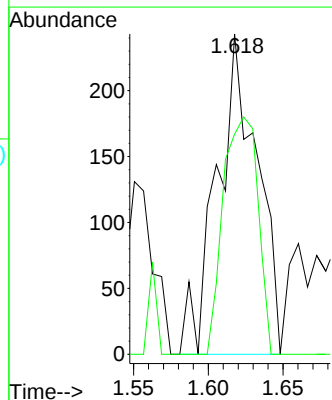
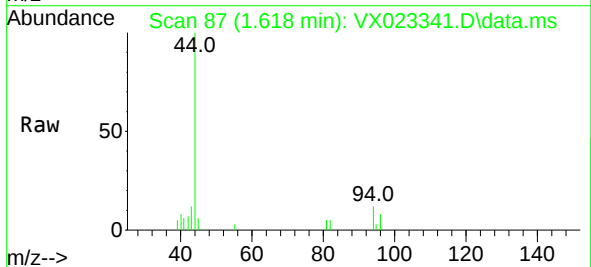
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

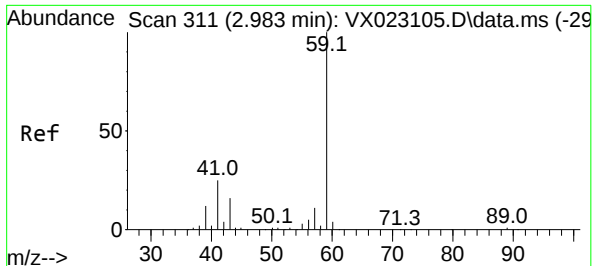
Tgt Ion:168 Resp: 212012
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 68.7 76.4 114.6#



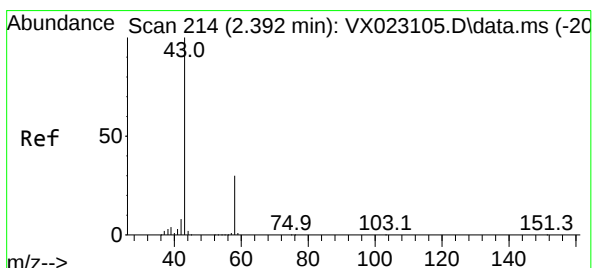
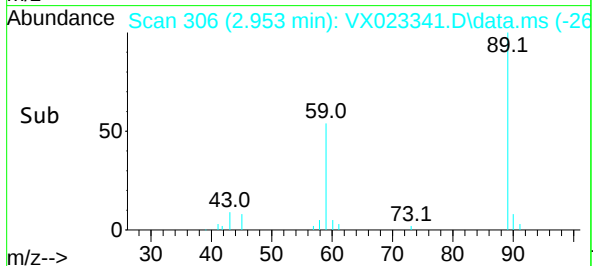
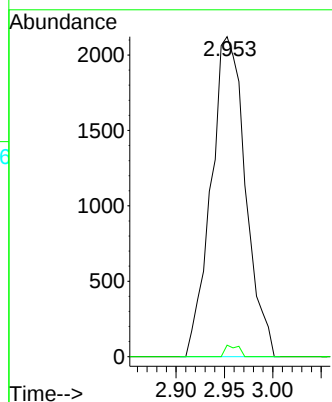
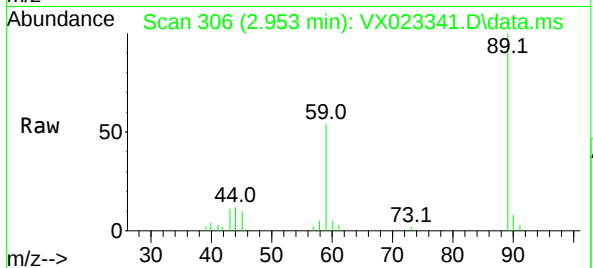


#11

Tert butyl alcohol
Concen: 8.751 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

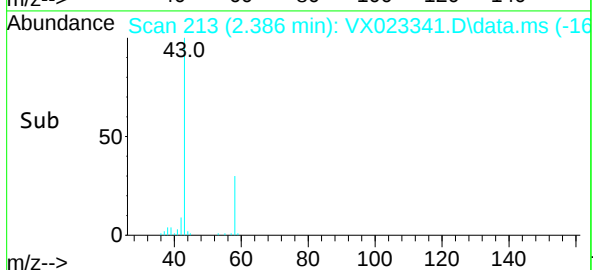
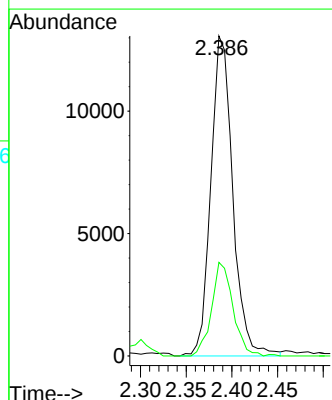
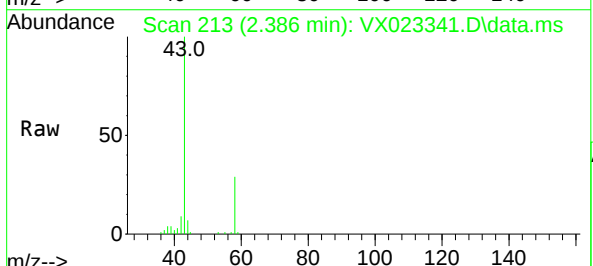
Tgt Ion: 59 Resp: 5246
Ion Ratio Lower Upper
59 100
57 1.4 7.8 11.8#

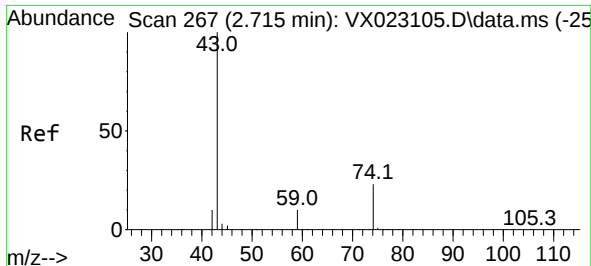


#16

Acetone
Concen: 19.348 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 43 Resp: 21811
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8





#18

Methyl Acetate

Concen: 0.604 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.000 min

Lab File: VX023341.D

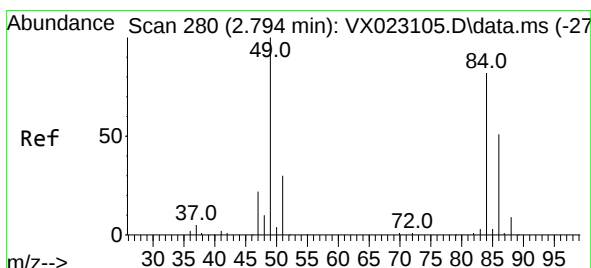
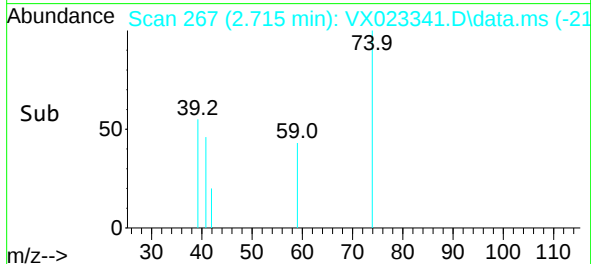
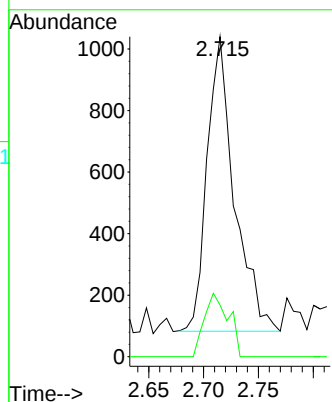
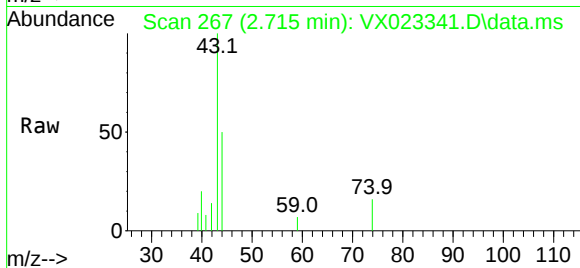
Acq: 19 Jul 2021 14:55

Tgt Ion: 43 Resp: 1653

Ion Ratio Lower Upper

43 100

74 19.2 21.9 32.9#



#20

Methylene Chloride

Concen: 6.274 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023341.D

Acq: 19 Jul 2021 14:55

Tgt Ion: 84 Resp: 15227

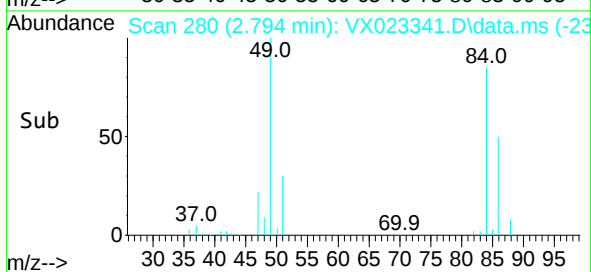
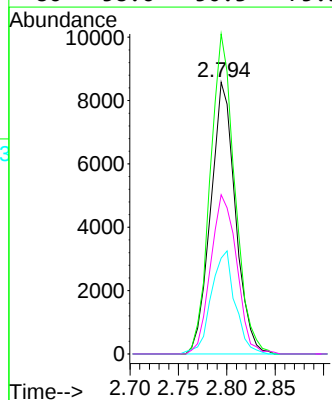
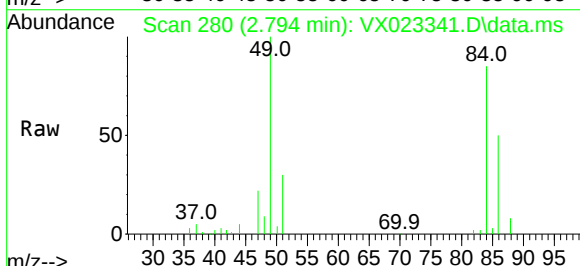
Ion Ratio Lower Upper

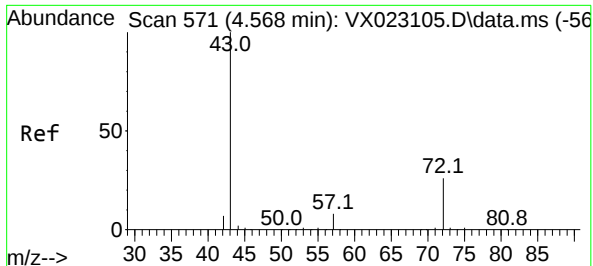
84 100

49 117.8 88.6 132.8

51 35.3 27.0 40.6

86 58.6 50.3 75.5

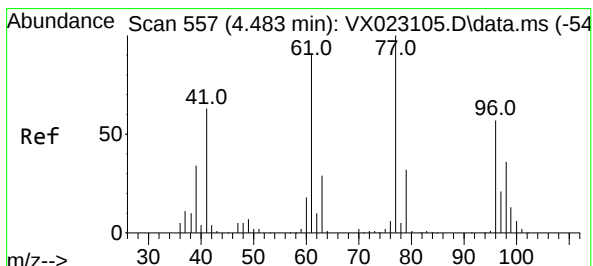
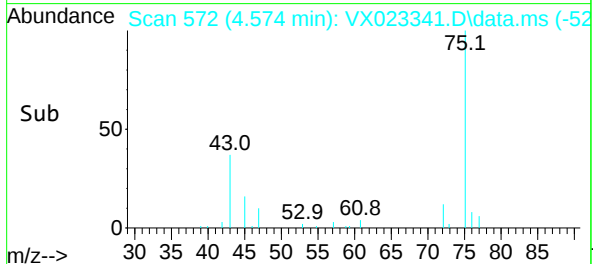
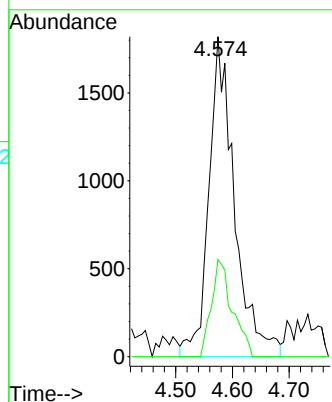
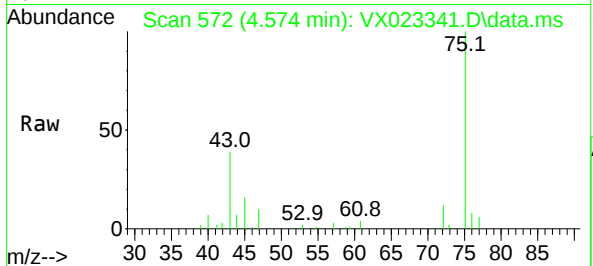




#25
2-Butanone
Concen: 3.342 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

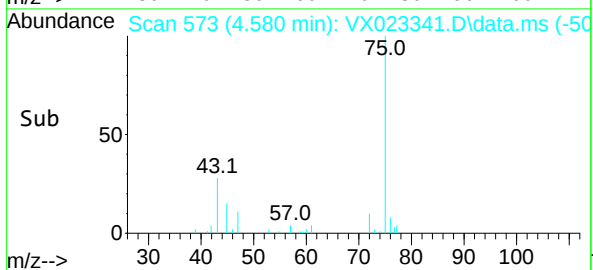
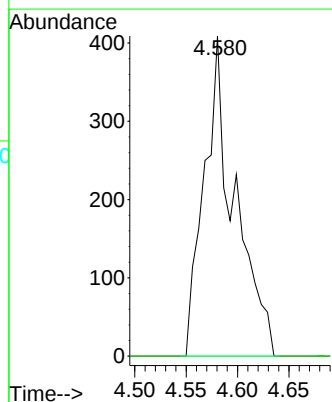
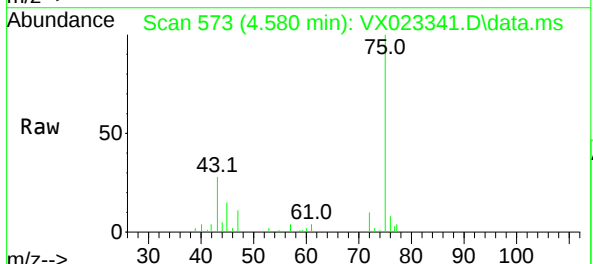
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

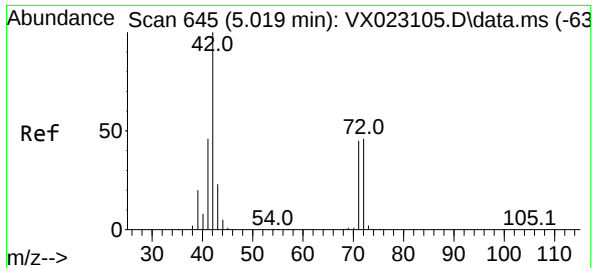
Tgt Ion: 43 Resp: 5682
Ion Ratio Lower Upper
43 100
72 31.3 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.257 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.097 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 77 Resp: 844
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#29

Tetrahydrofuran

Concen: 1.541 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

Lab File: VX023341.D

Acq: 19 Jul 2021 14:55

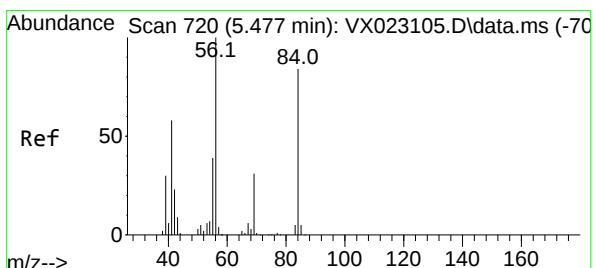
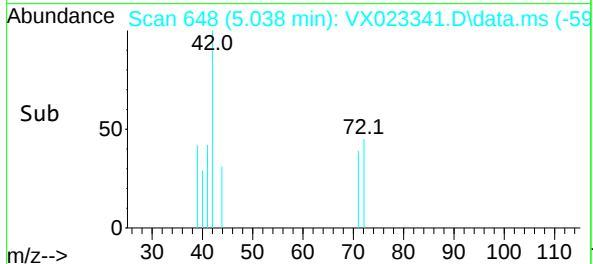
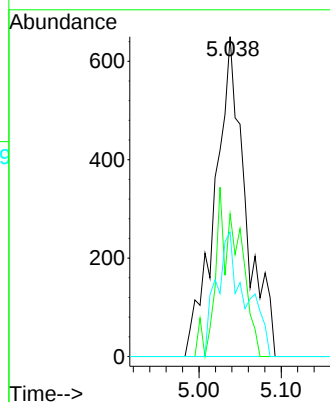
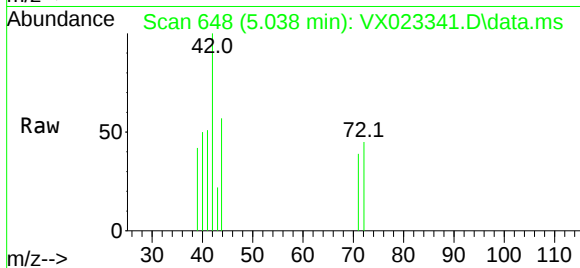
Instrument :

MSVOA_X

ClientSampleId :

PB137749ZHE#05

Tgt Ion:	42	Resp:	1684
Ion	Ratio	Lower	Upper
42	100		
72	17.0	41.7	62.5#
71	36.3	38.4	57.6#



#31

Cyclohexane

Concen: 1.330 ug/l

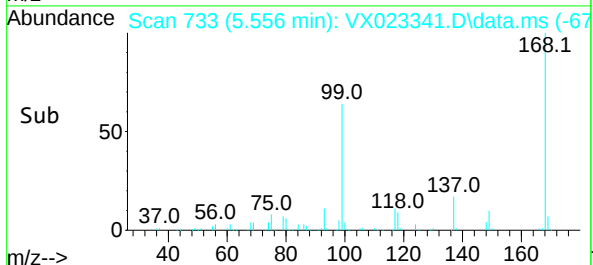
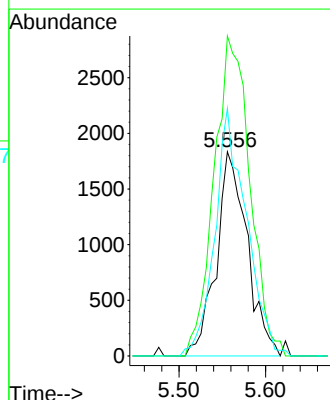
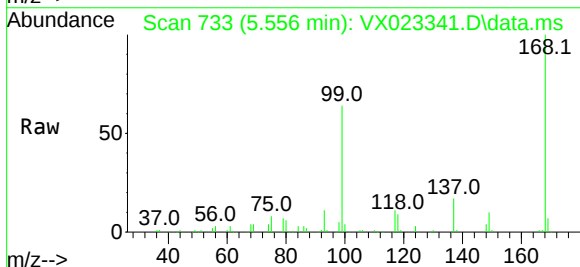
RT: 5.556 min Scan# 733

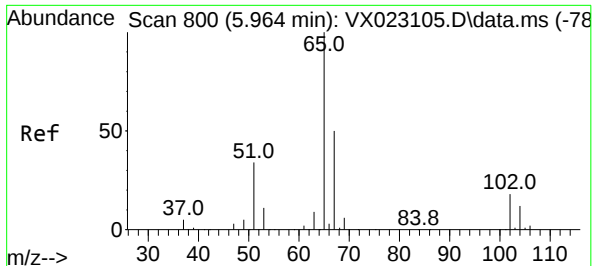
Delta R.T. 0.079 min

Lab File: VX023341.D

Acq: 19 Jul 2021 14:55

Tgt Ion:	56	Resp:	4536
Ion	Ratio	Lower	Upper
56	100		
69	156.7	25.3	37.9#
84	121.2	71.4	107.0#



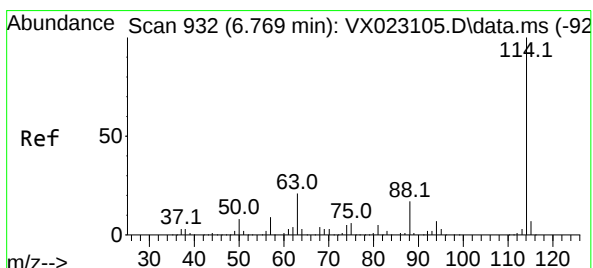
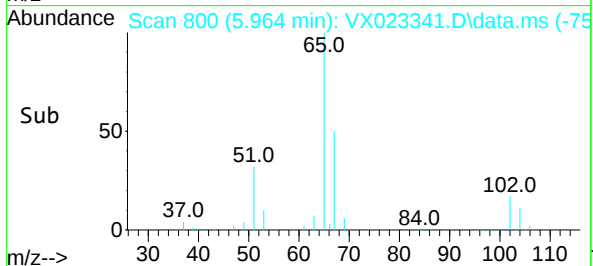
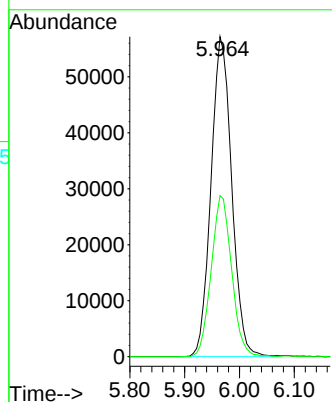
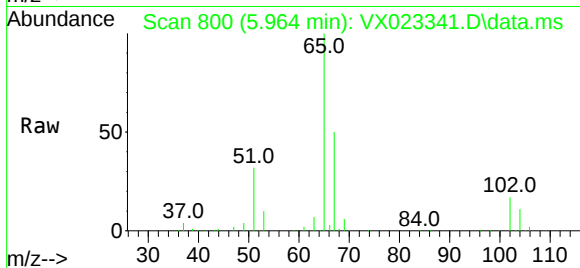


#33

1,2-Dichloroethane-d4
Concen: 52.575 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023341.D
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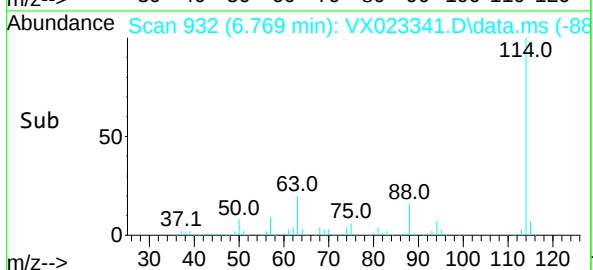
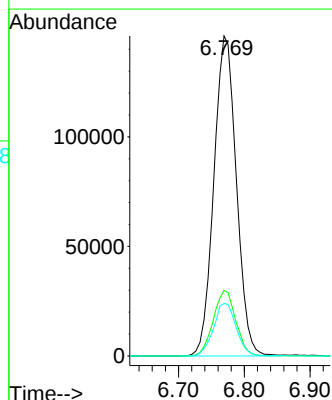
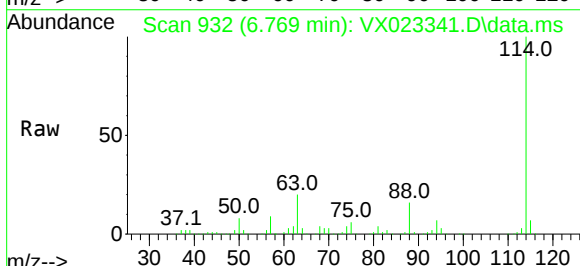
Tgt Ion: 65 Resp: 149808
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

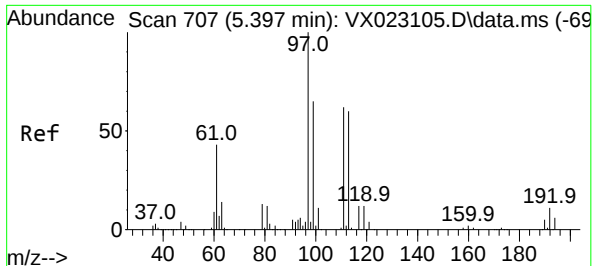


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 114 Resp: 348035
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.133 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023341.D

Acq: 19 Jul 2021 14:55

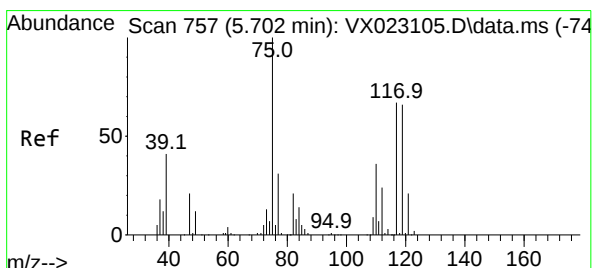
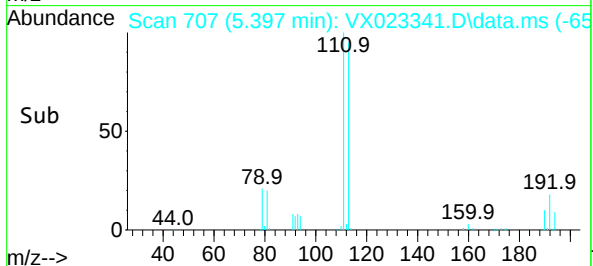
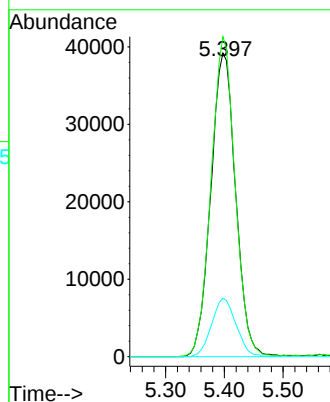
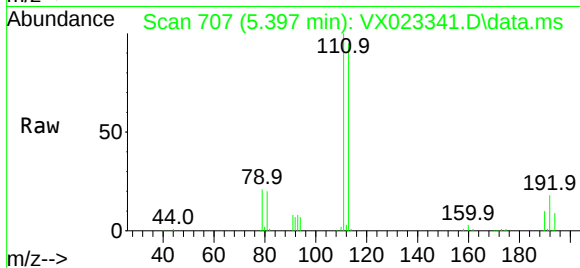
Tgt Ion:113 Resp: 114919

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 18.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.226 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023341.D

Acq: 19 Jul 2021 14:55

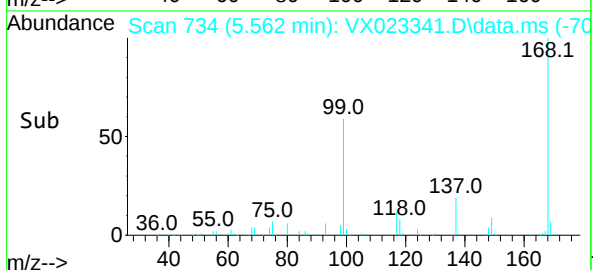
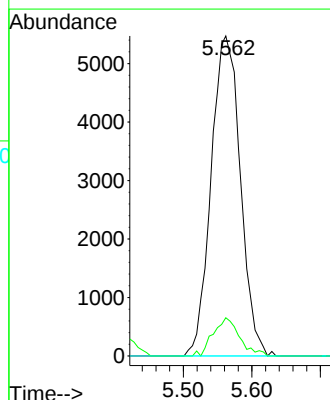
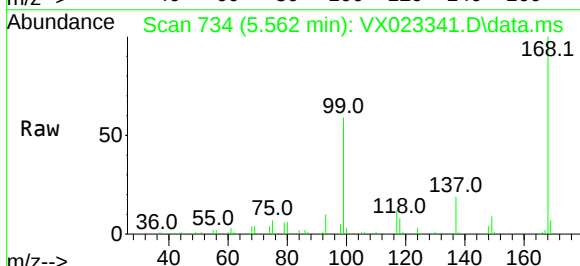
Tgt Ion: 75 Resp: 16214

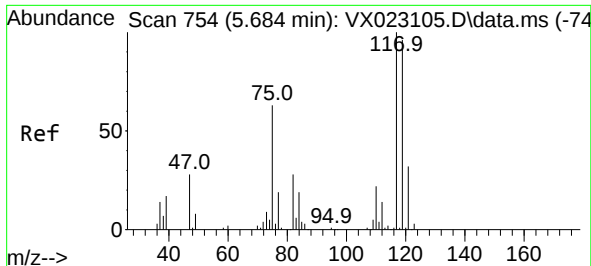
Ion Ratio Lower Upper

75 100

110 10.8 18.1 54.4#

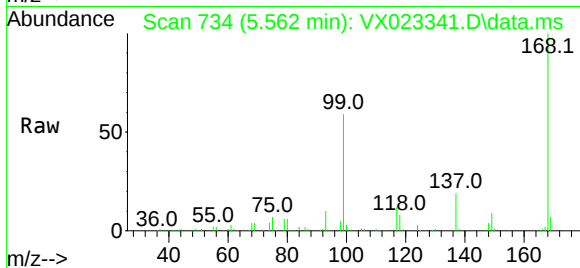
77 0.0 25.3 37.9#



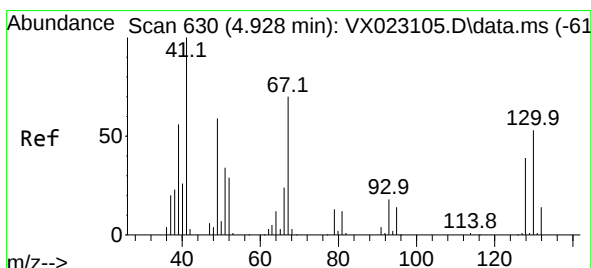
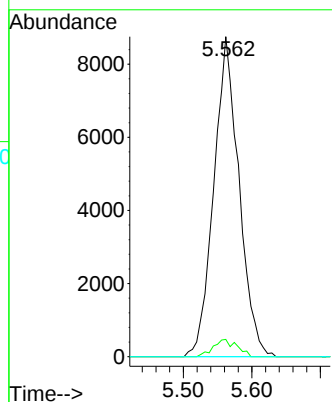
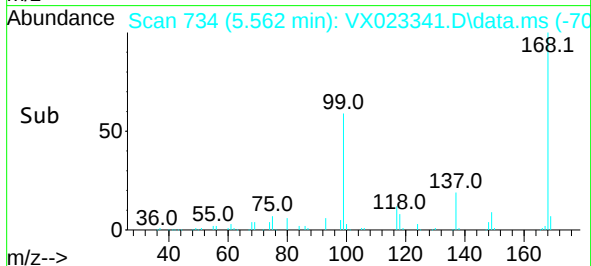


#38
Carbon Tetrachloride
Concen: 6.896 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

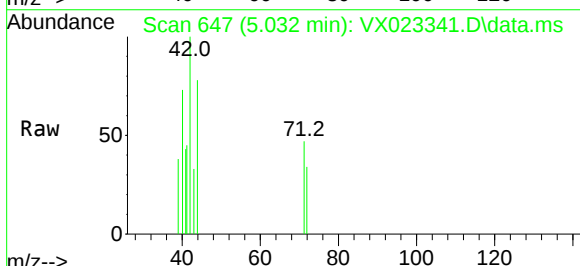
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05



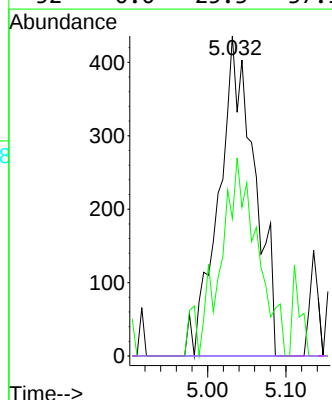
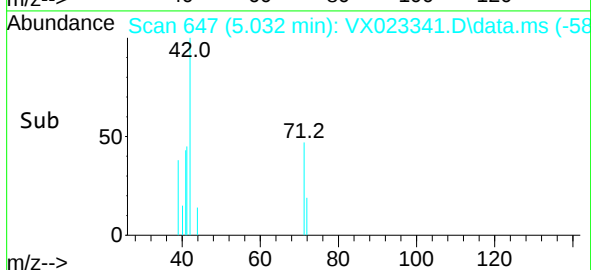
Tgt Ion:117 Resp: 22334
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

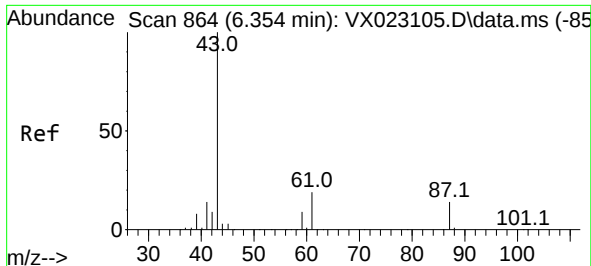


#41
Methacrylonitrile
Concen: 0.731 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55



Tgt Ion: 41 Resp: 1384
Ion Ratio Lower Upper
41 100
39 61.8 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

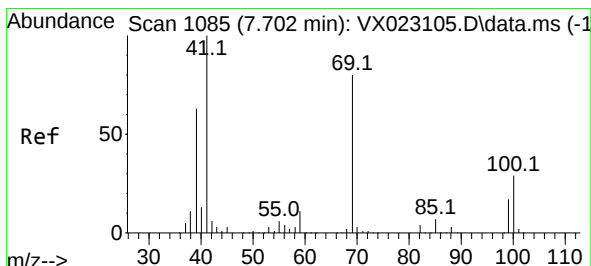
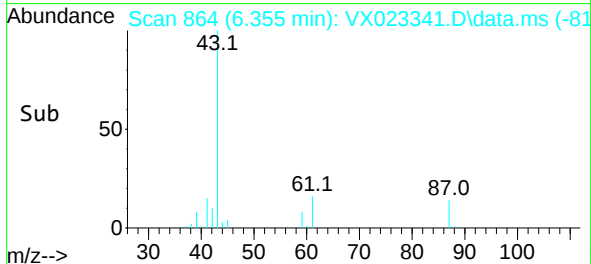
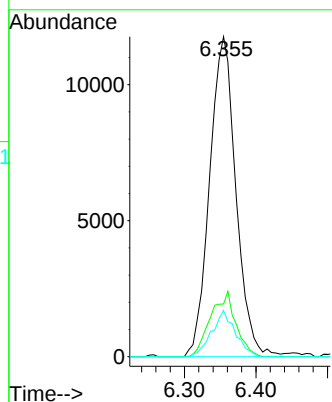
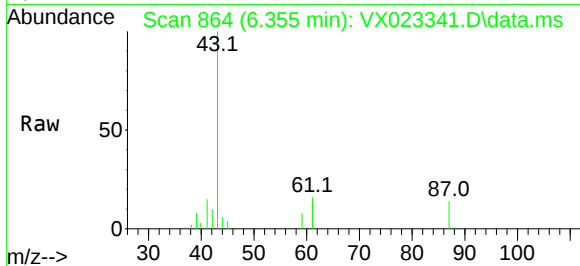




#43
Isopropyl Acetate
Concen: 5.336 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

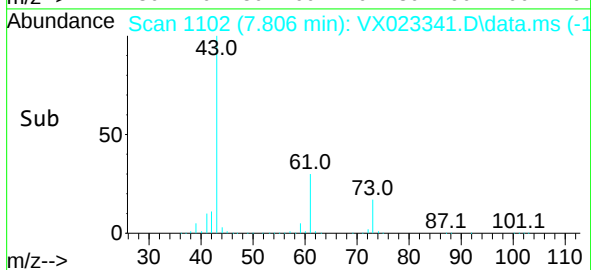
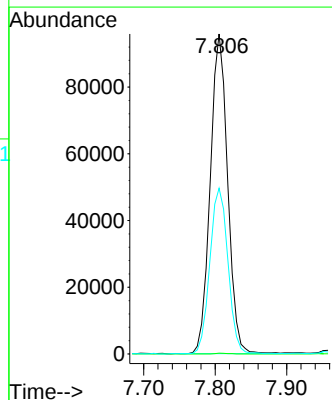
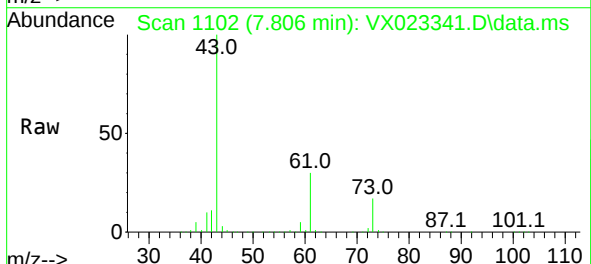
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

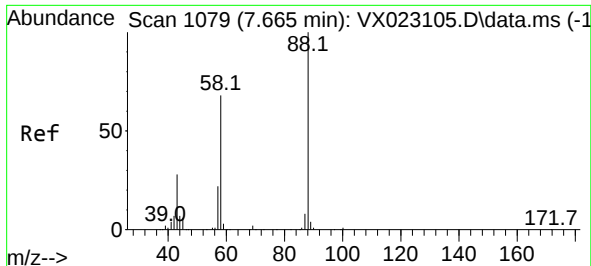
Tgt Ion:	43	Resp:	30042
Ion	Ratio	Lower	Upper
43	100		
61	19.6	18.2	27.4
87	12.9	12.5	18.7



#48
Methyl methacrylate
Concen: 58.589 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.104 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion:	41	Resp:	161851
Ion	Ratio	Lower	Upper
41	100		
69	0.2	76.0	114.0#
39	53.8	44.6	67.0

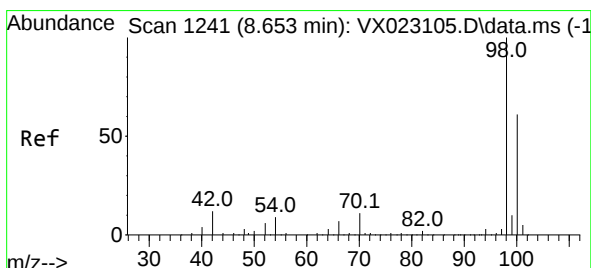
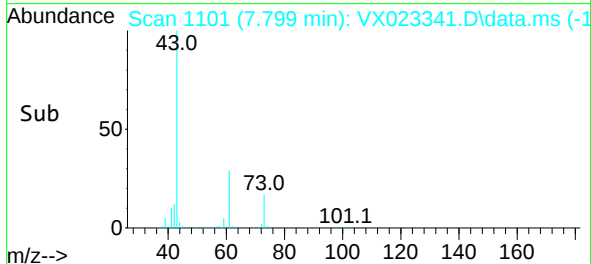
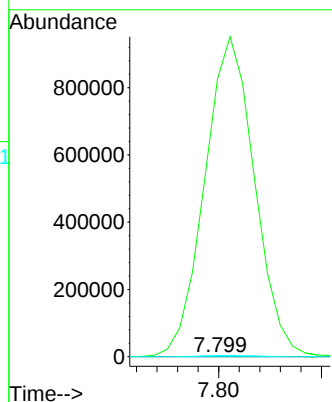
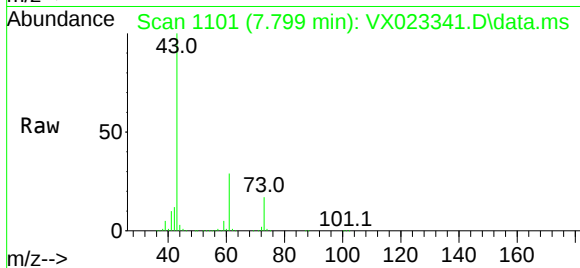




#49
1,4-Dioxane
Concen: 3.828 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

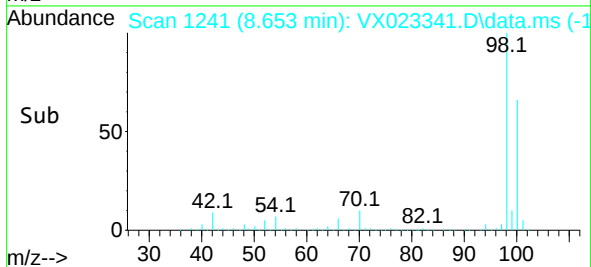
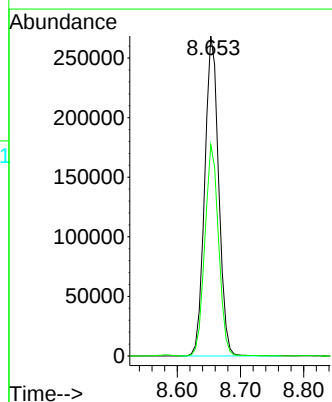
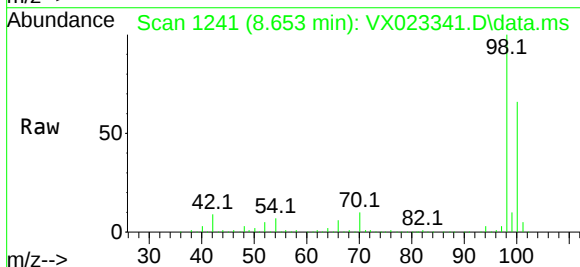
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

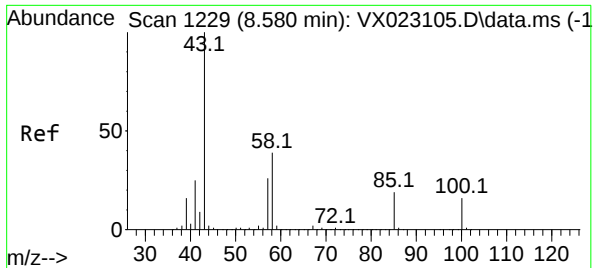
Tgt Ion: 88 Resp: 238
Ion Ratio Lower Upper
88 100
43 676904.2 23.2 34.8#
58 2826.5 55.0 82.4#



#50
Toluene-d8
Concen: 49.226 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 98 Resp: 412686
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

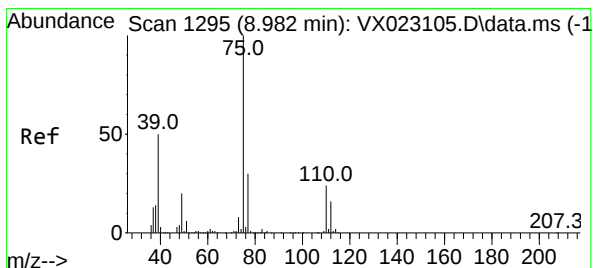
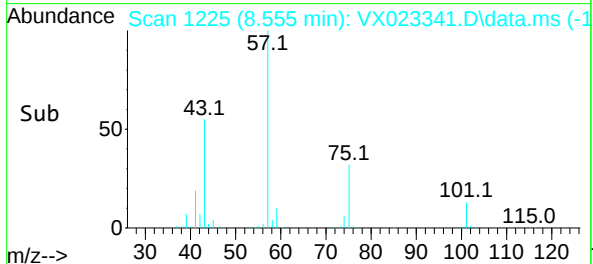
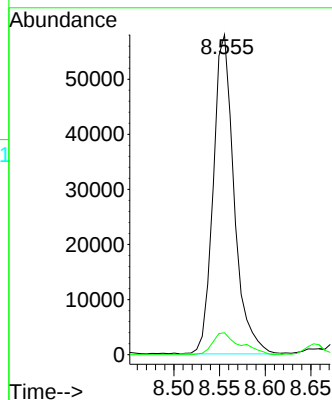
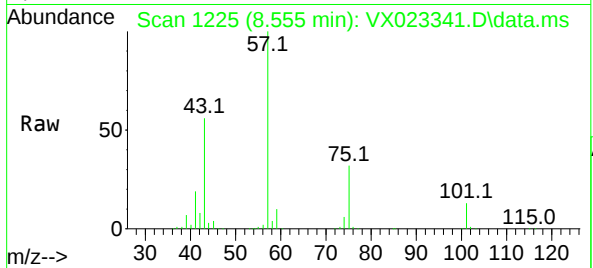




#51
4-Methyl-2-Pentanone
Concen: 26.353 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

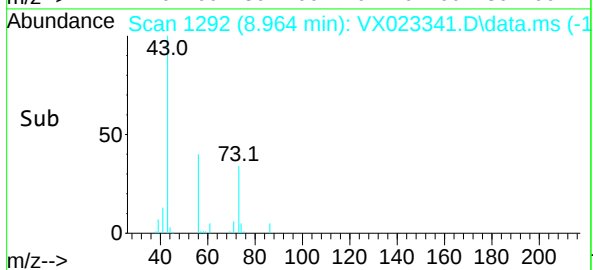
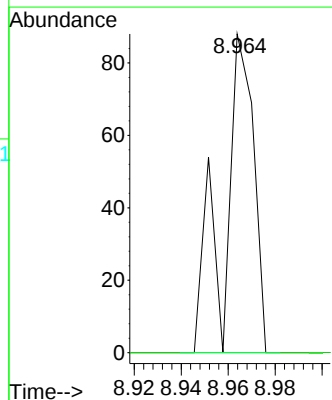
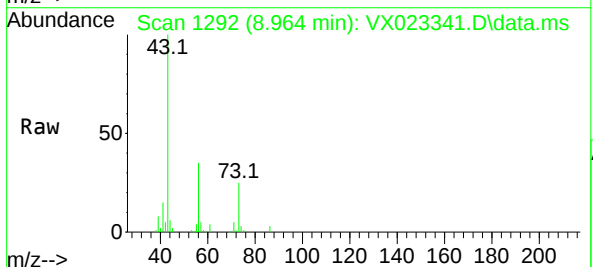
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

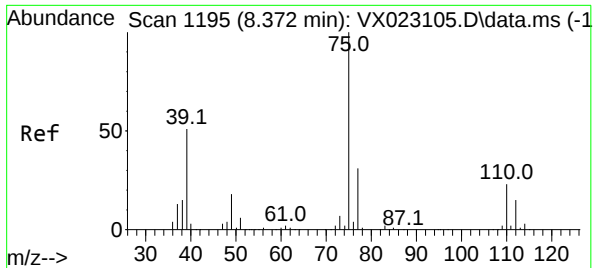
Tgt Ion: 43 Resp: 91934
Ion Ratio Lower Upper
43 100
58 9.0 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.755 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.018 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

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

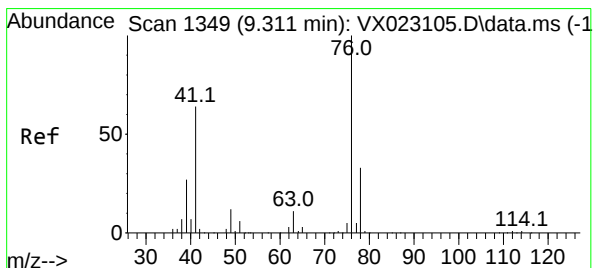
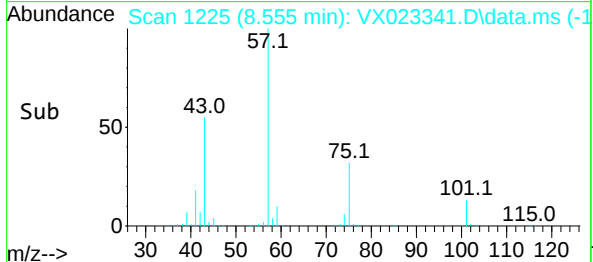
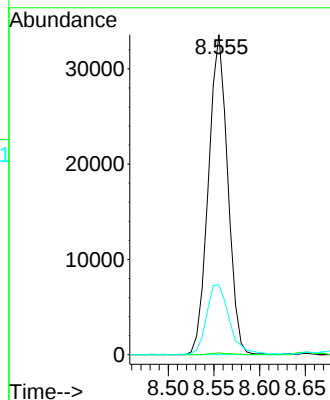
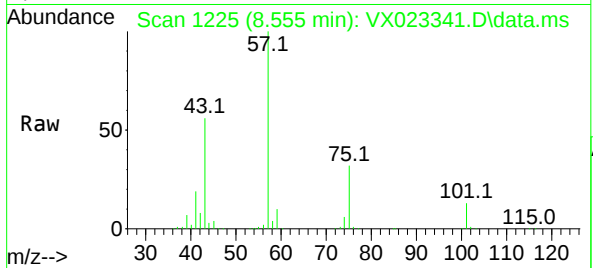




#54
cis-1,3-Dichloropropene
Concen: 13.820 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

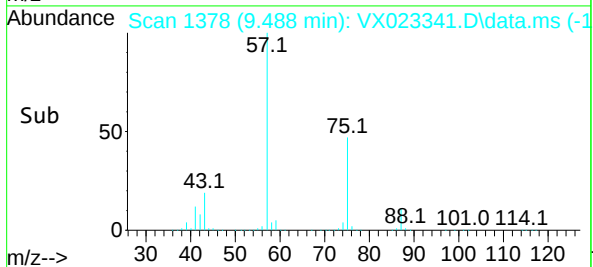
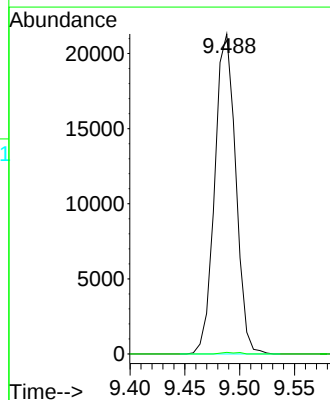
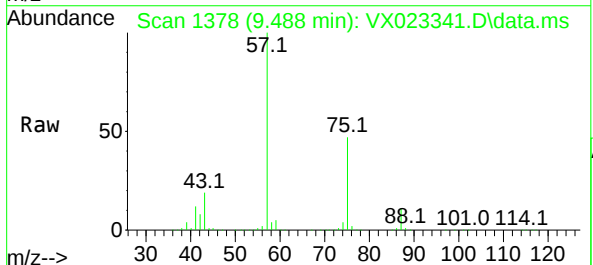
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

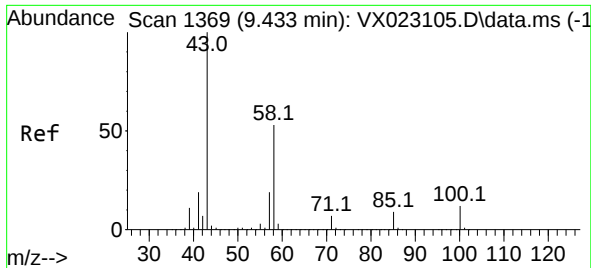
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.7	38.5#
39	21.7	35.1	52.7#



#57
1,3-Dichloropropane
Concen: 7.013 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

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

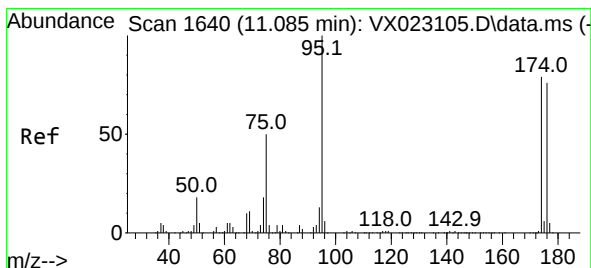
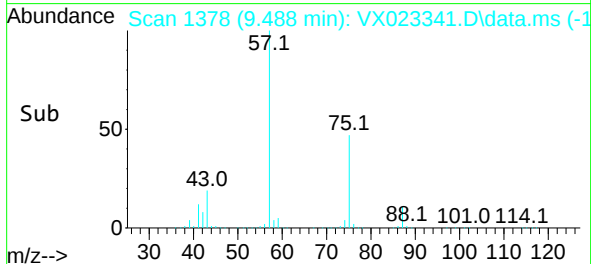
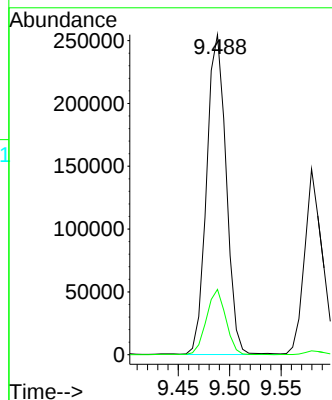
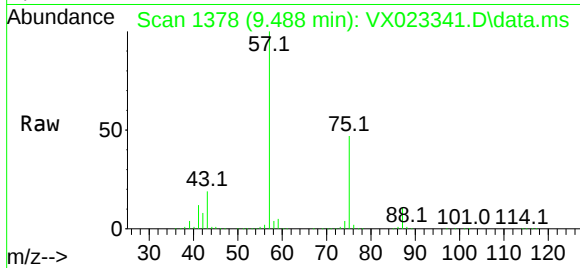




#59
2-Hexanone
Concen: 125.796 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

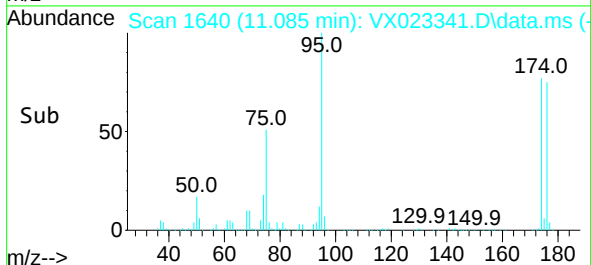
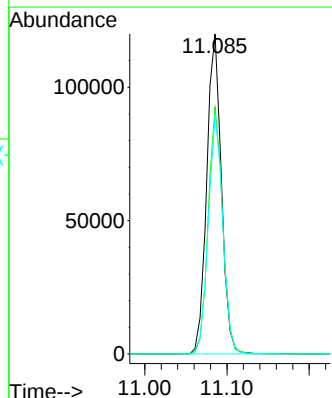
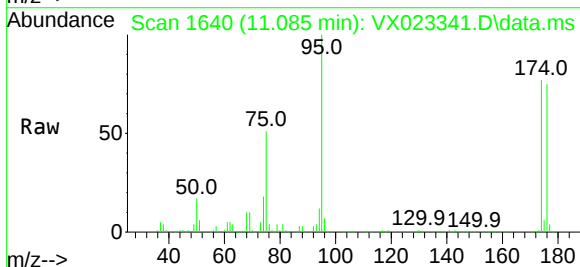
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

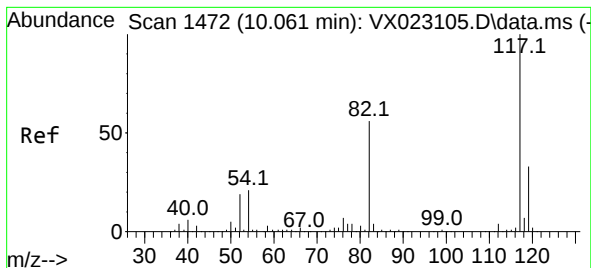
Tgt Ion: 43 Resp: 336715
Ion Ratio Lower Upper
43 100
58 20.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 45.773 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 95 Resp: 148147
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 74.2 0.0 155.8

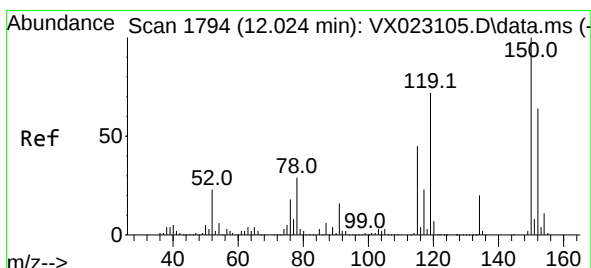
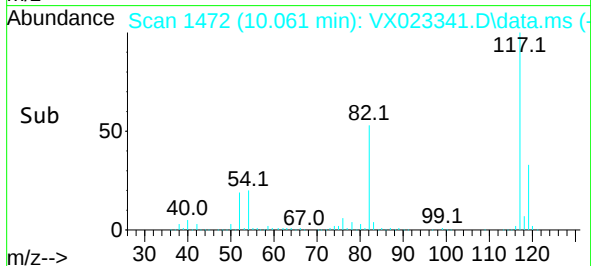
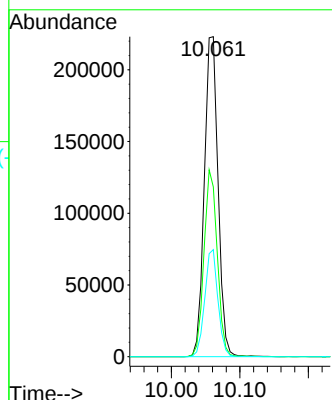
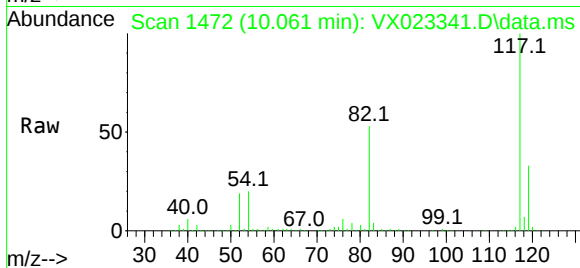




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

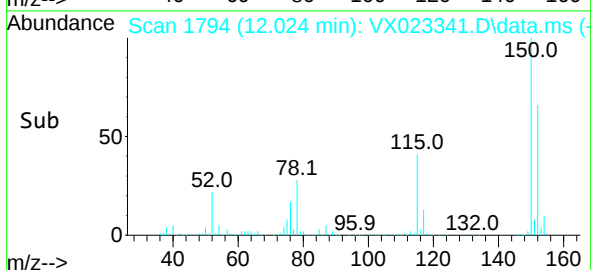
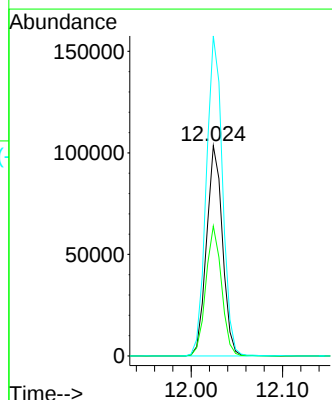
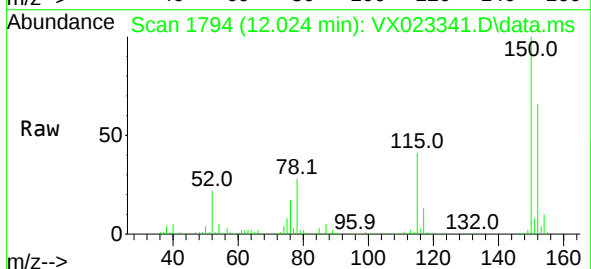
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

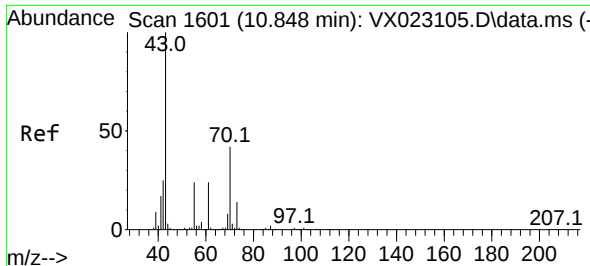
Tgt Ion:117 Resp: 311923
Ion Ratio Lower Upper
117 100
82 53.1 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

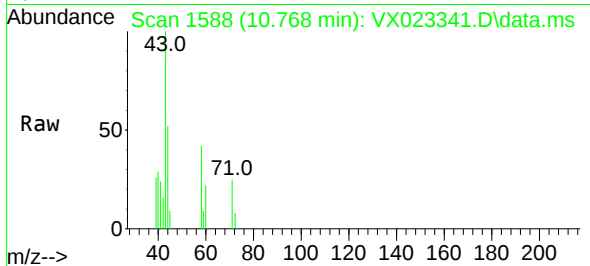
Tgt Ion:152 Resp: 125526
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 154.6 0.0 349.0



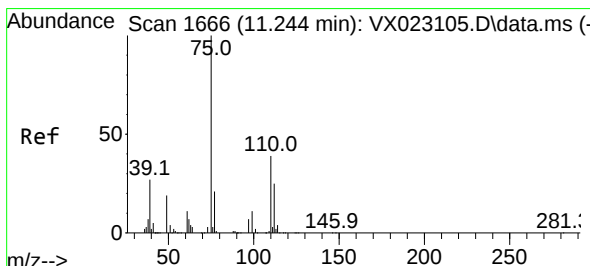
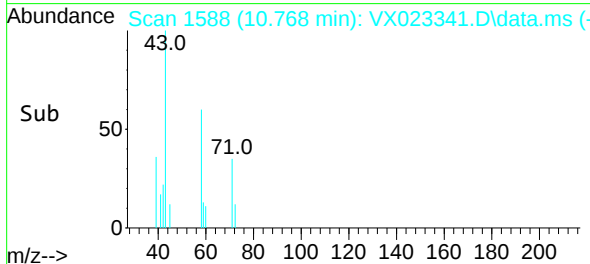
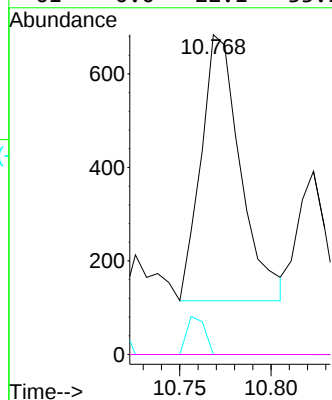


#74
N-amy1 acetate
Concen: 0.228 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

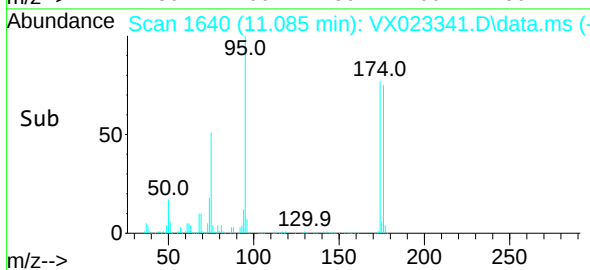
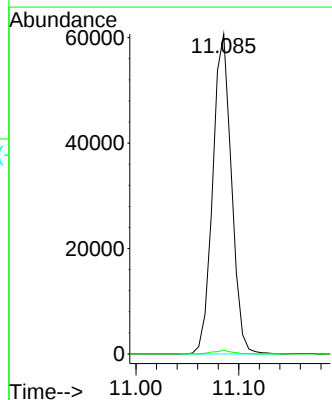
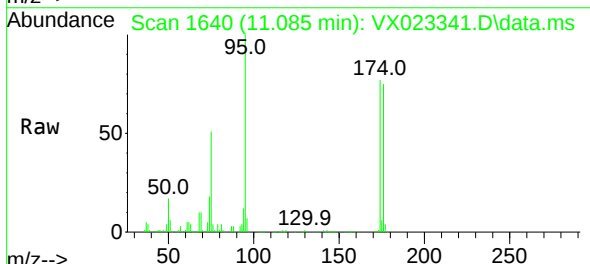


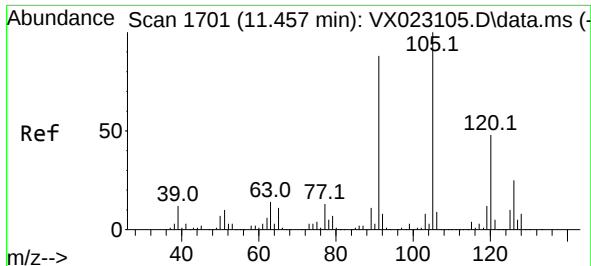
Tgt Ion: 43	Resp: 854
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	6.4 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 30.317 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 75	Resp: 76580
Ion Ratio	Lower Upper
75	100
77	1.2 19.1 57.5#

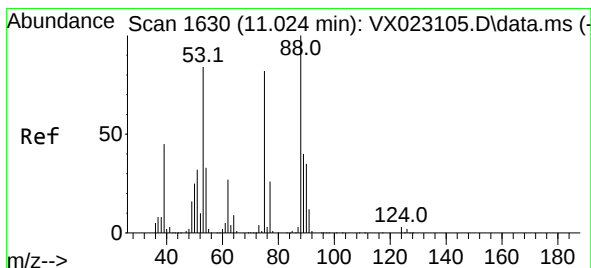
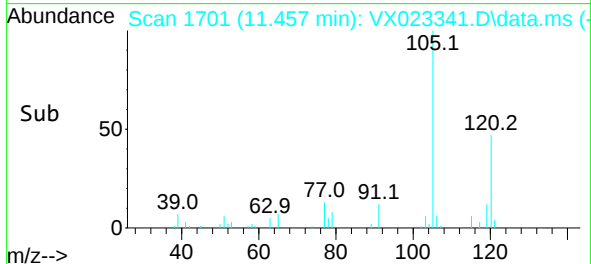
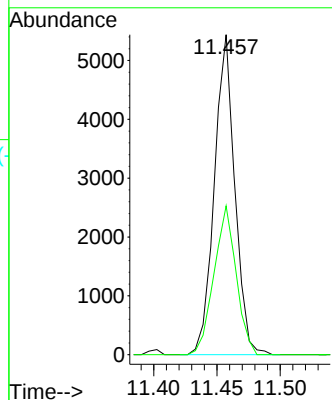
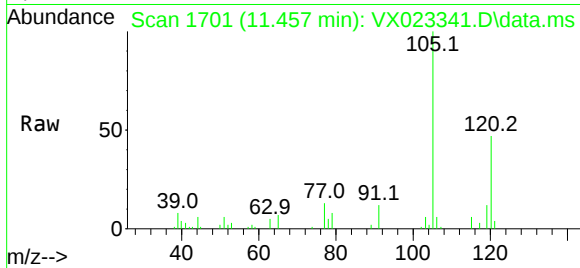




#80
1,3,5-Trimethylbenzene
Concen: 0.803 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

Tgt Ion:105 Resp: 6112
Ion Ratio Lower Upper
105 100
120 50.4 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 81.350 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 75 Resp: 76580
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

