

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023380.D
 Acq On : 22 Jul 2021 17:49
 Operator : JC/MD
 Sample : PB137853ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137853ZHE#01

Quant Time: Jul 23 06:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

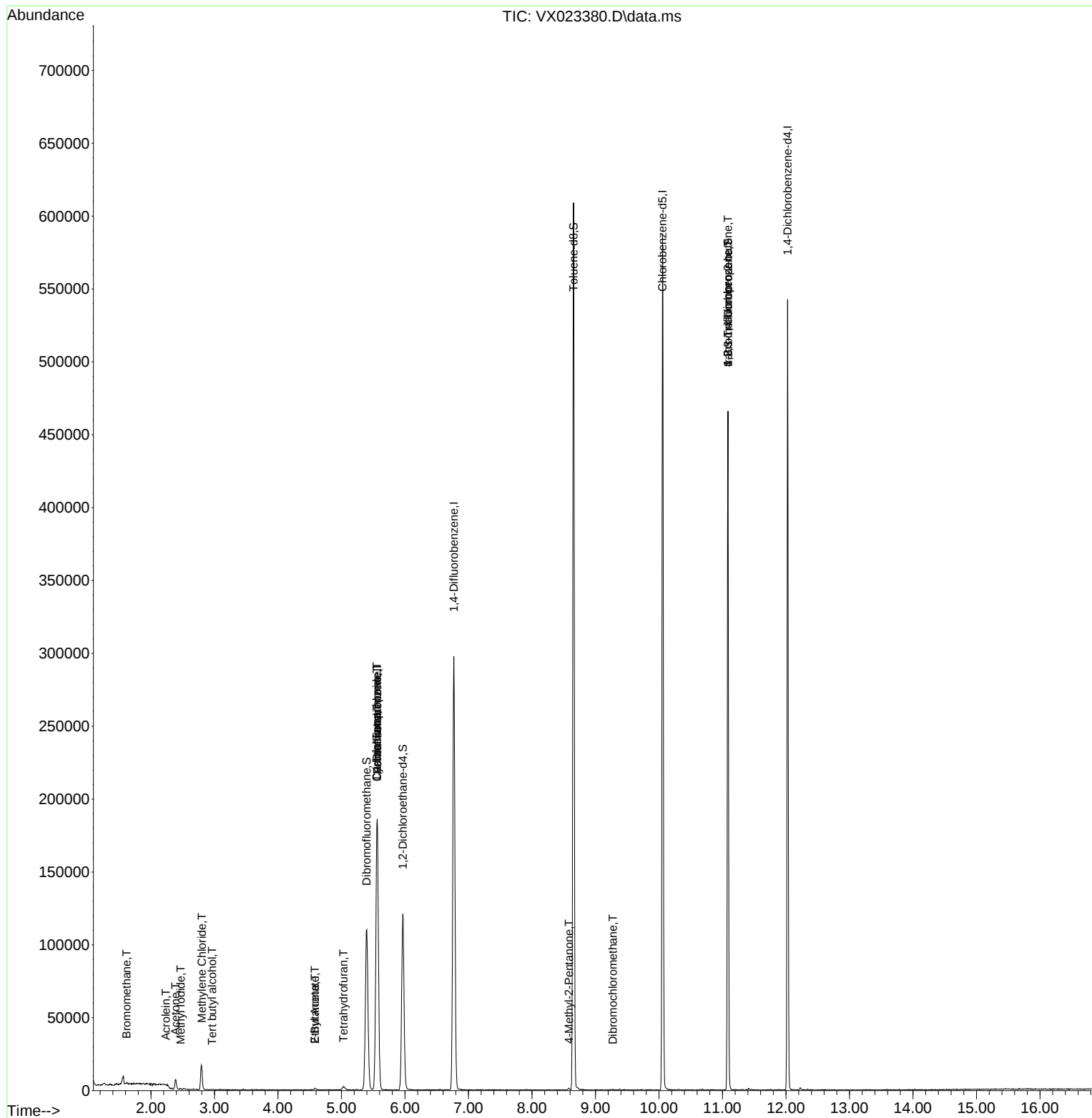
Internal Standards						
1) Pentafluorobenzene	5.562	168	181569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	298435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114524	50.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.120%			
35) Dibromofluoromethane	5.397	113	93778	50.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	8.653	98	358971	52.362	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.720%			
62) 4-Bromofluorobenzene	11.085	95	115412	49.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.020%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	741	0.634	ug/l #	59
10) Methyl Iodide	2.465	142	636	0.282	ug/l #	78
11) Tert butyl alcohol	2.965	59	281	0.543	ug/l #	73
13) Acrolein	2.233	56	127	1.844	ug/l #	14
16) Acetone	2.386	43	7547	6.793	ug/l	95
20) Methylene Chloride	2.800	84	7292	3.374	ug/l	98
25) 2-Butanone	4.581	43	1297	0.752	ug/l #	85
29) Tetrahydrofuran	5.032	42	2184	1.932	ug/l #	86
31) Cyclohexane	5.556	56	3653	1.089	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	13612	5.042	ug/l #	49
37) Ethyl Acetate	4.581	43	1297	0.381	ug/l #	64
38) Carbon Tetrachloride	5.556	117	18384	6.696	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	857	0.266	ug/l	90
60) Dibromochloromethane	9.275	129	66	2.012	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59109	24.975	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59109	67.154	ug/l #	12

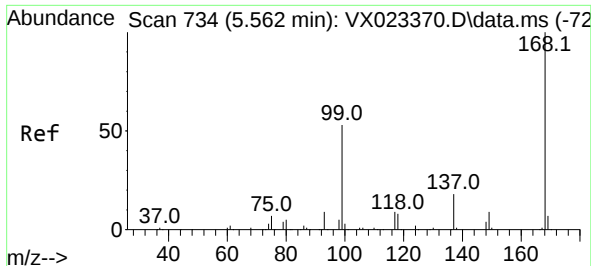
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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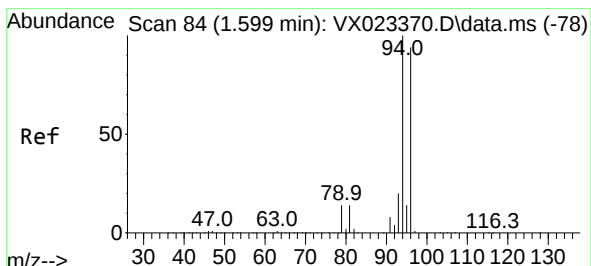
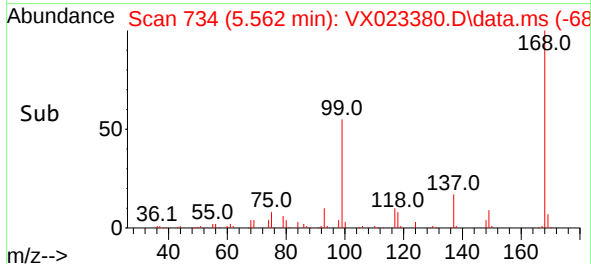
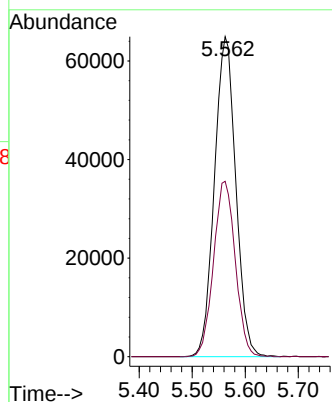
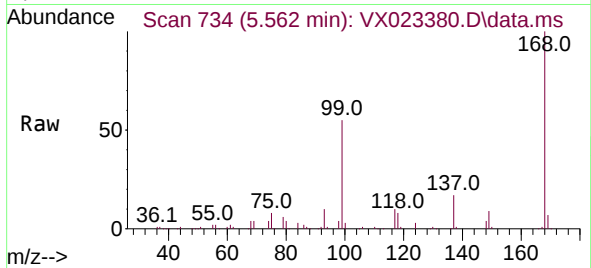




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

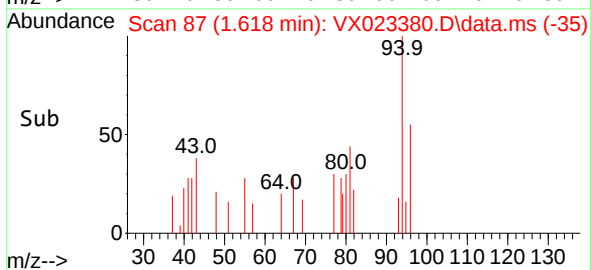
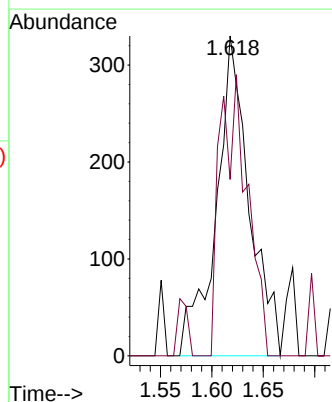
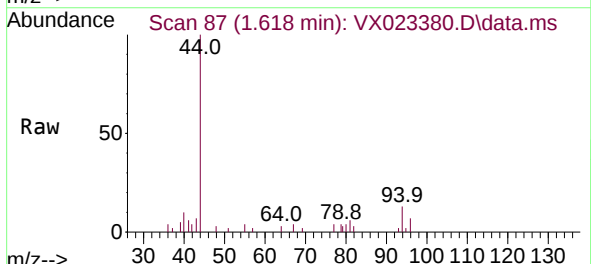
Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01

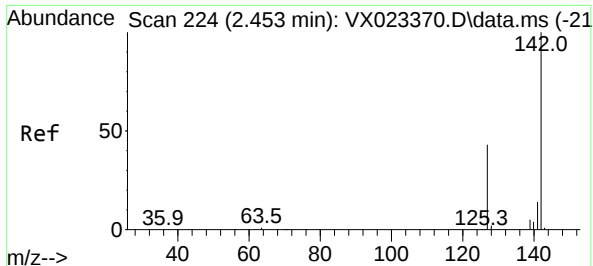
Tgt Ion:168 Resp: 181569
Ion Ratio Lower Upper
168 100
99 54.8 45.8 68.6



#5
Bromomethane
Concen: 0.634 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

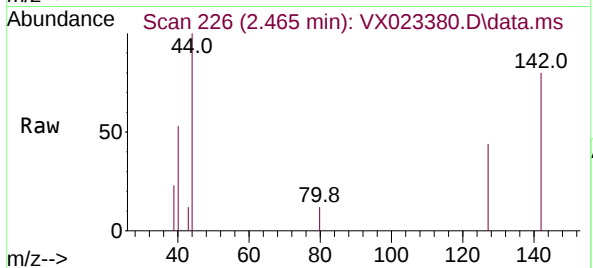
Tgt Ion: 94 Resp: 741
Ion Ratio Lower Upper
94 100
96 55.2 76.4 114.6#



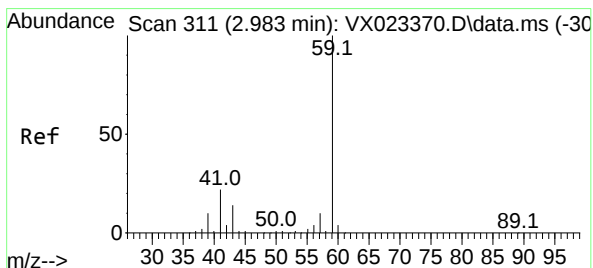
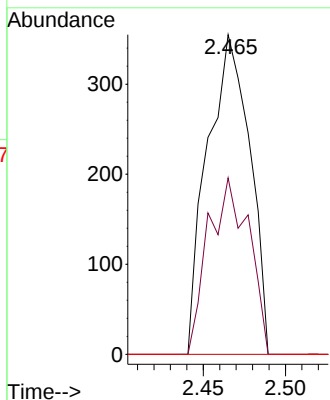
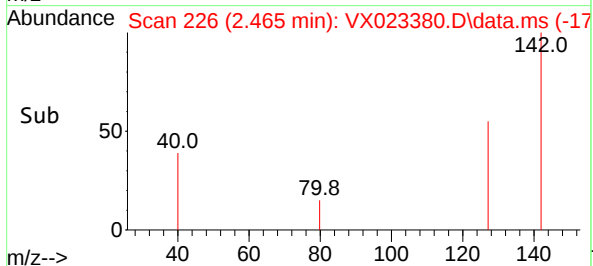


#10
Methyl Iodide
Concen: 0.282 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

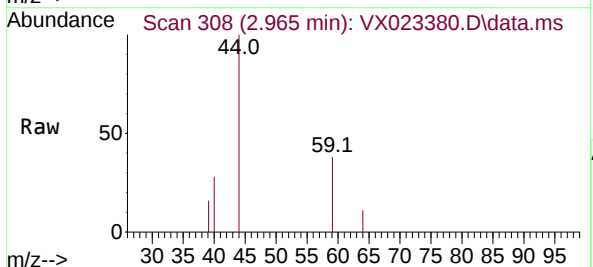
Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01



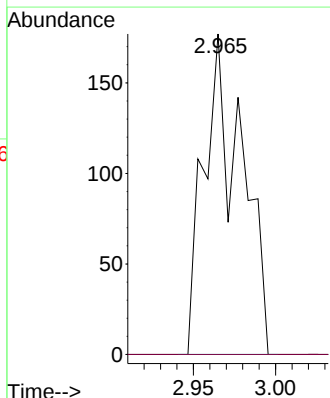
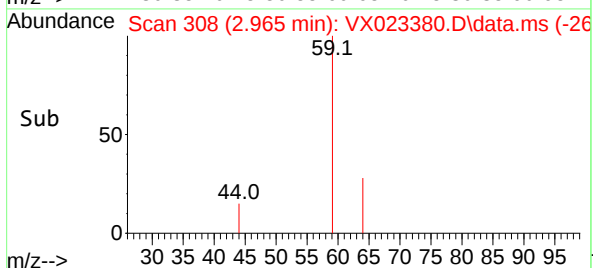
Tgt Ion:142 Resp: 636
Ion Ratio Lower Upper
142 100
127 52.8 33.3 49.9#
141 0.0 11.4 17.0#

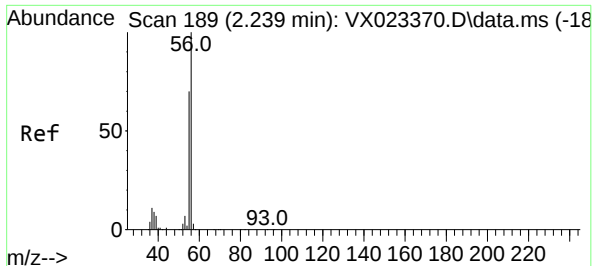


#11
Tert butyl alcohol
Concen: 0.543 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49



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

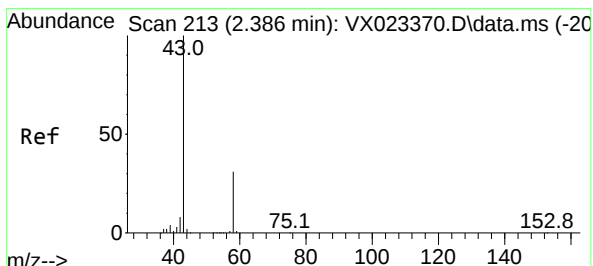
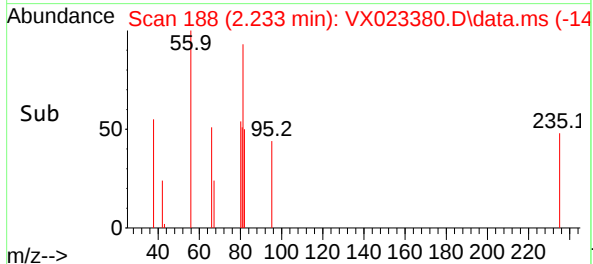
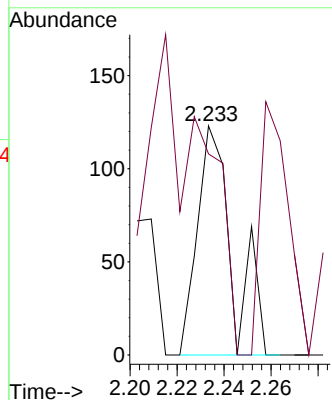
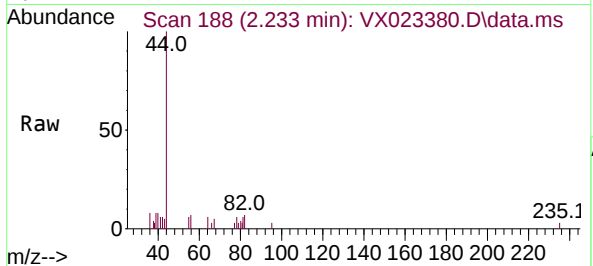




#13
Acrolein
Concen: 1.844 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

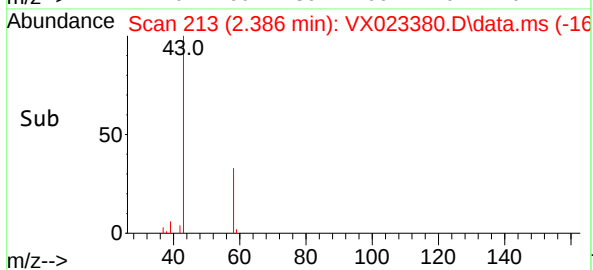
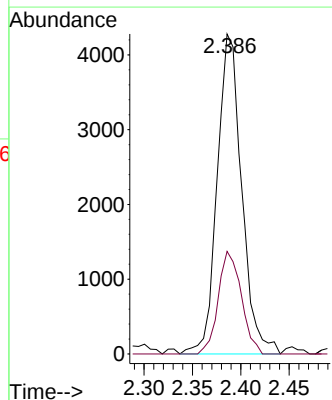
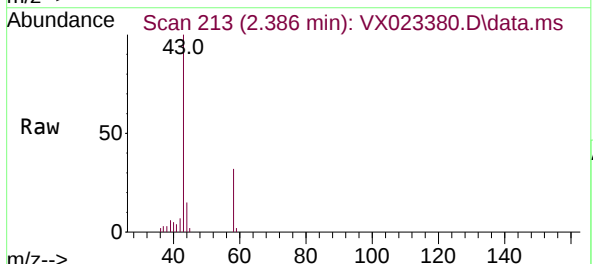
Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01

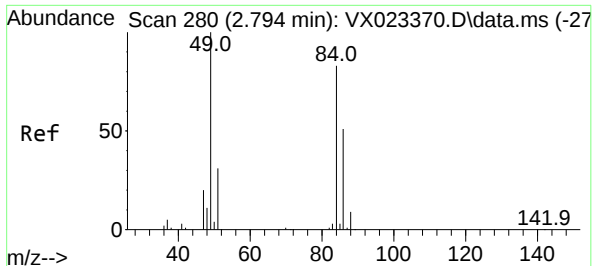
Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 6.793 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

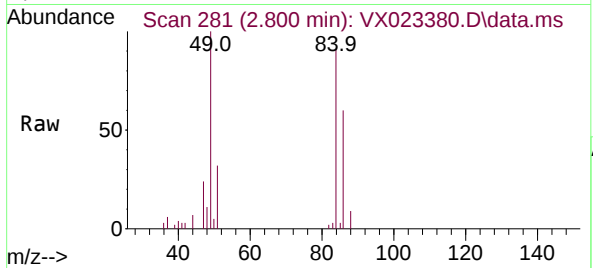
Tgt Ion: 43 Resp: 7547
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8



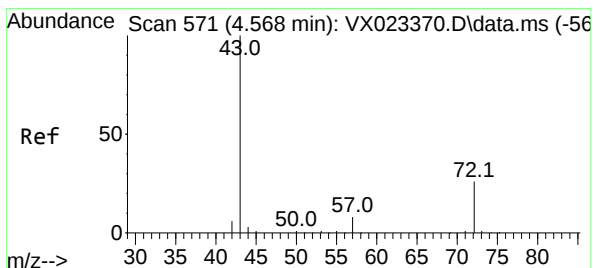
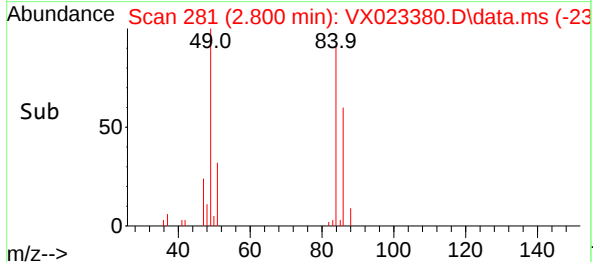
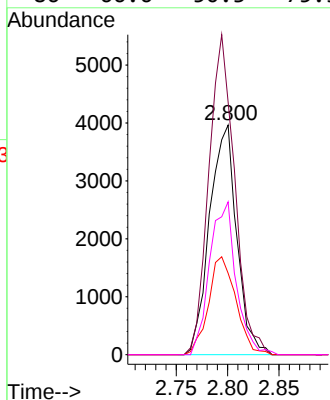


#20
Methylene Chloride
Concen: 3.374 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01

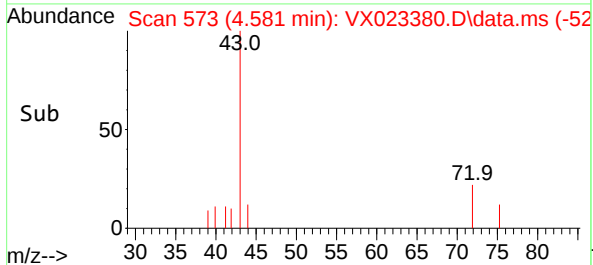
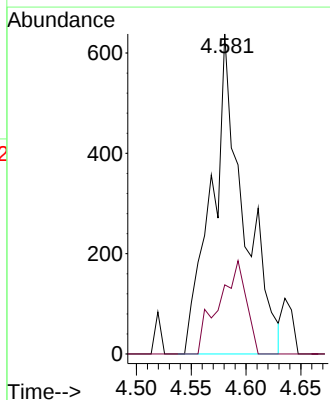
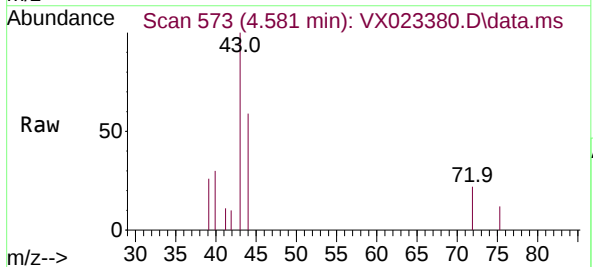


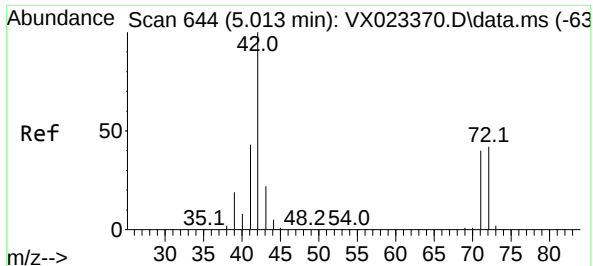
Tgt Ion:	84	Resp:	7292
Ion	Ratio	Lower	Upper
84	100		
49	110.0	88.6	132.8
51	35.4	27.0	40.6
86	66.6	50.3	75.5



#25
2-Butanone
Concen: 0.752 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Tgt Ion:	43	Resp:	1297
Ion	Ratio	Lower	Upper
43	100		
72	21.6	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.932 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX023380.D

Acq: 22 Jul 2021 17:49

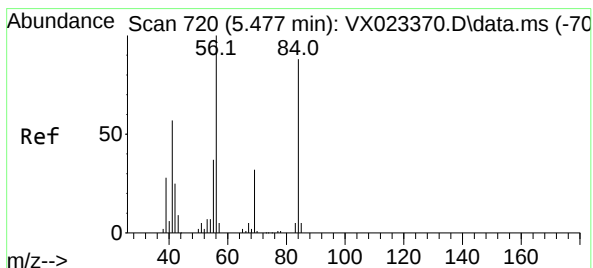
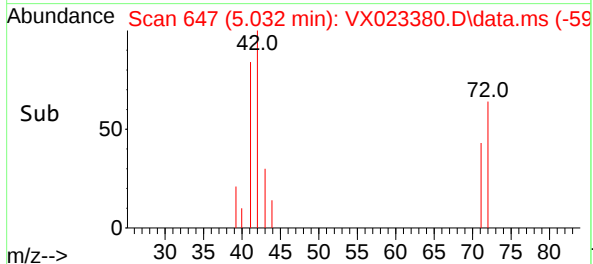
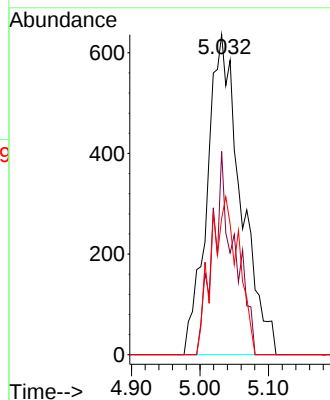
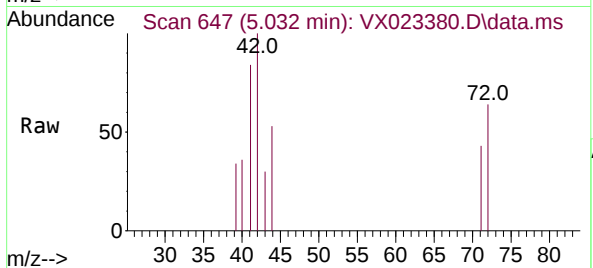
Instrument :

MSVOA_X

ClientSampleId :

PB137853ZHE#01

Tgt Ion:	42	Resp:	2184
Ion	Ratio	Lower	Upper
42	100		
72	41.2	41.7	62.5#
71	40.3	38.4	57.6



#31

Cyclohexane

Concen: 1.089 ug/l

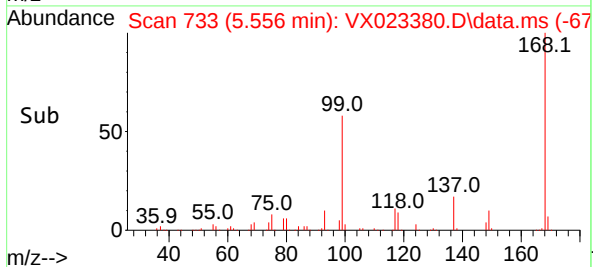
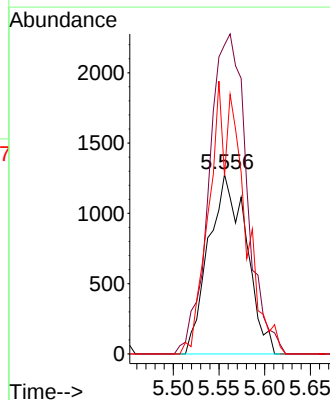
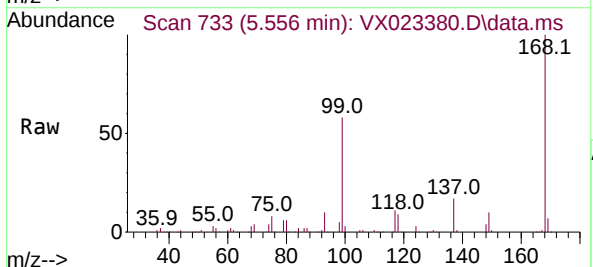
RT: 5.556 min Scan# 733

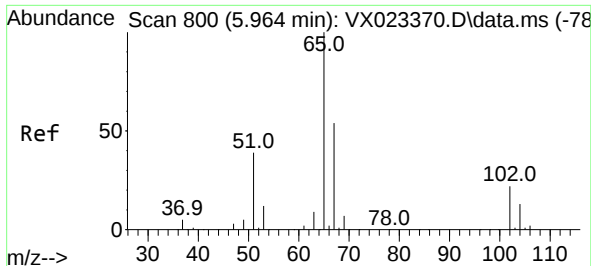
Delta R.T. 0.079 min

Lab File: VX023380.D

Acq: 22 Jul 2021 17:49

Tgt Ion:	56	Resp:	3653
Ion	Ratio	Lower	Upper
56	100		
69	167.4	25.3	37.9#
84	99.2	71.4	107.0



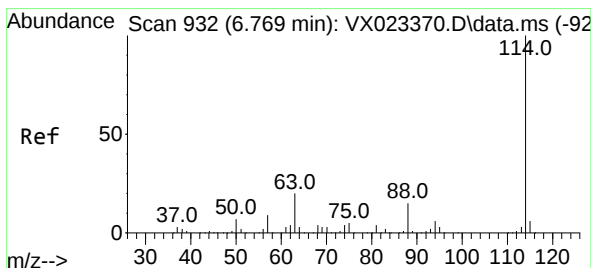
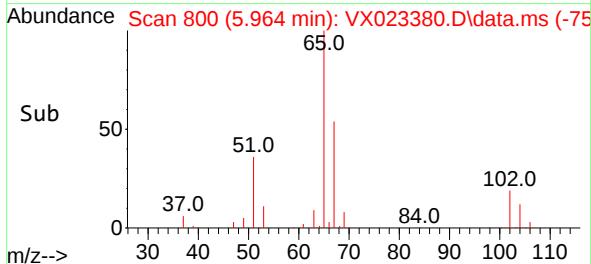
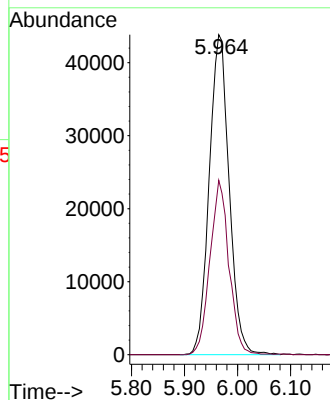
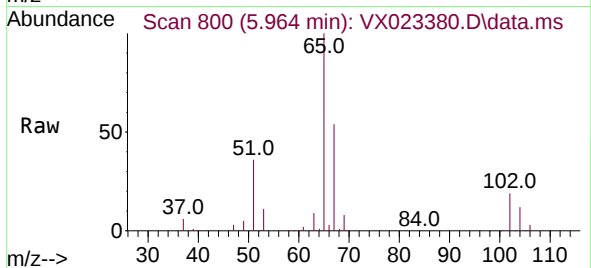


#33

1,2-Dichloroethane-d4
Concen: 50.564 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Instrument :
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ClientSampleId :
PB137853ZHE#01

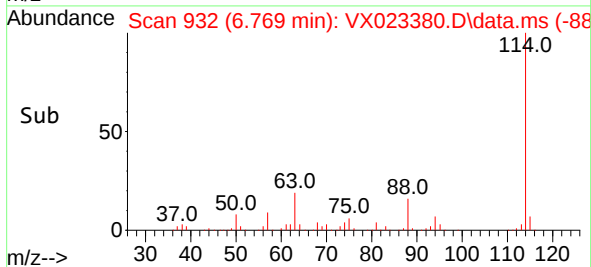
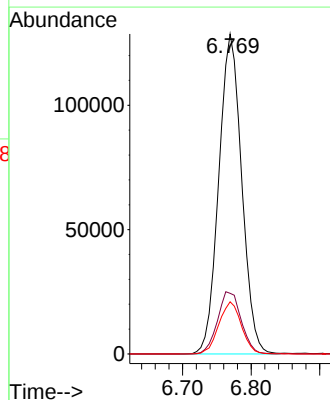
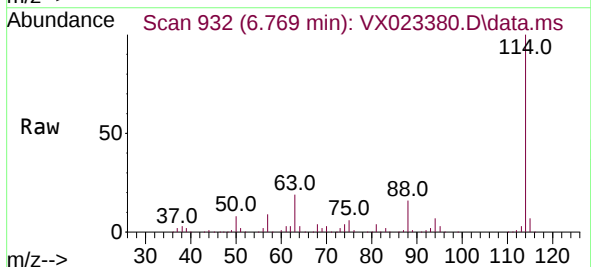
Tgt Ion: 65 Resp: 114524
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

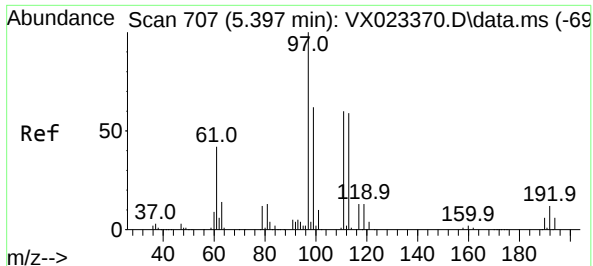


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Tgt Ion: 114 Resp: 298435
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.8
88 16.3 0.0 32.8

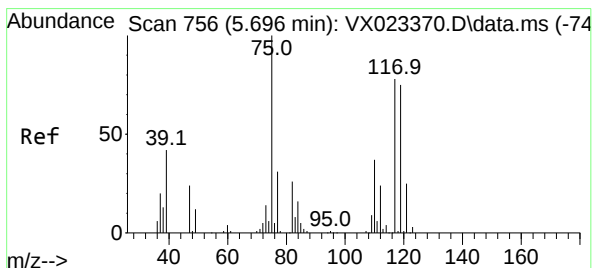
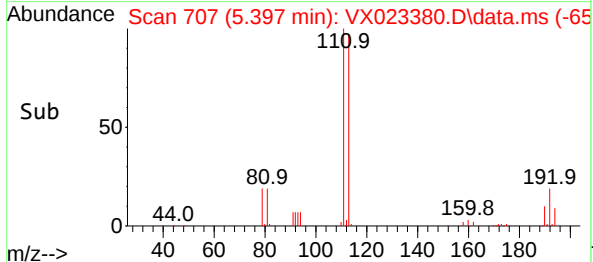
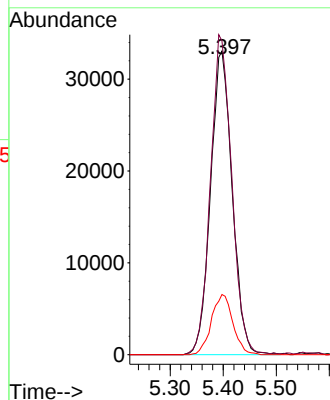
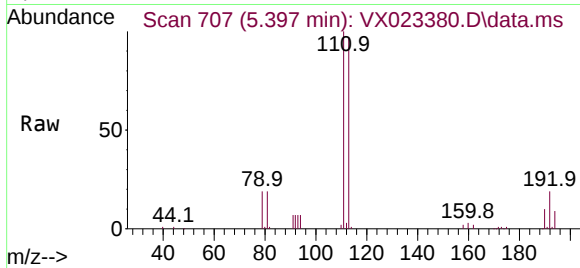




#35
Dibromofluoromethane
Concen: 50.258 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

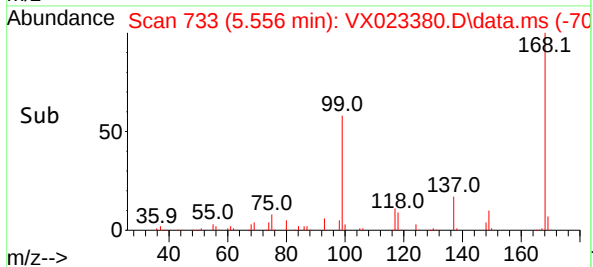
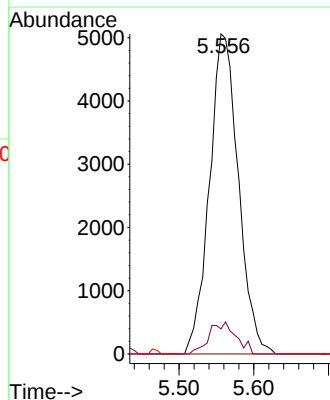
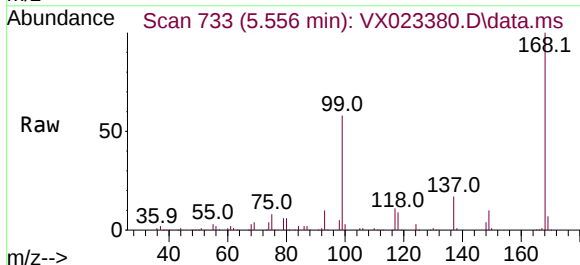
Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01

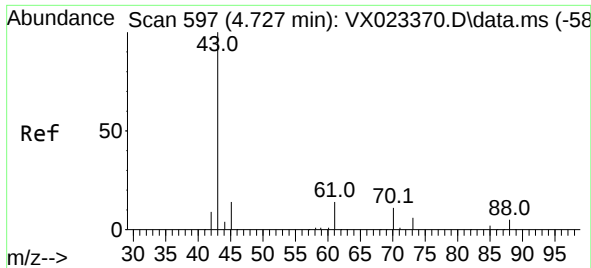
Tgt Ion:	113	Resp:	93778
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	19.6	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.042 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Tgt Ion:	75	Resp:	13612
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#

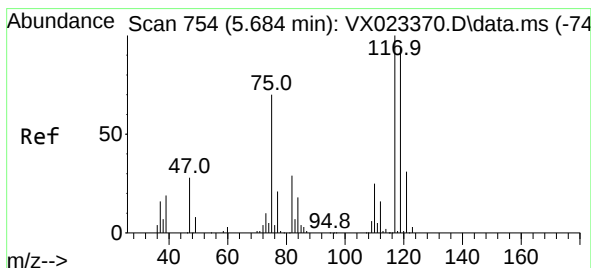
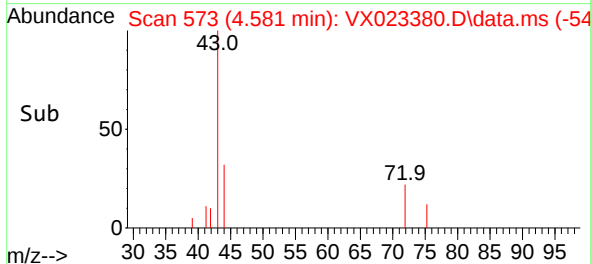
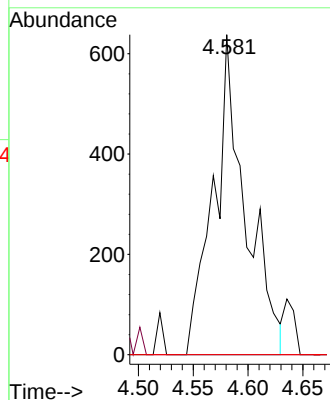
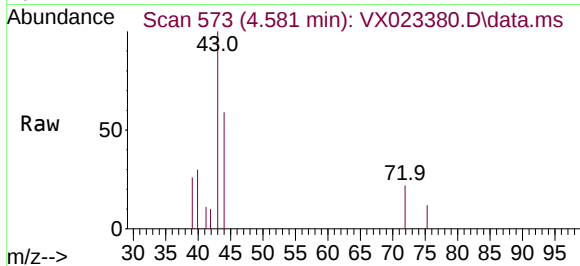




#37
Ethyl Acetate
Concen: 0.381 ug/l
RT: 4.581 min Scan# 573
Delta R.T. -0.146 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

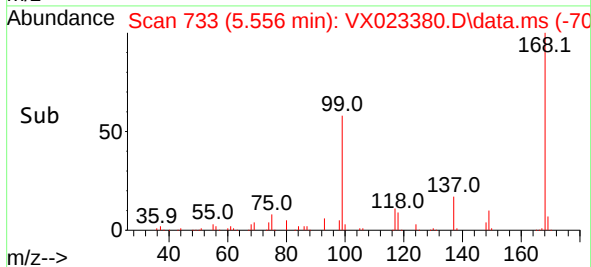
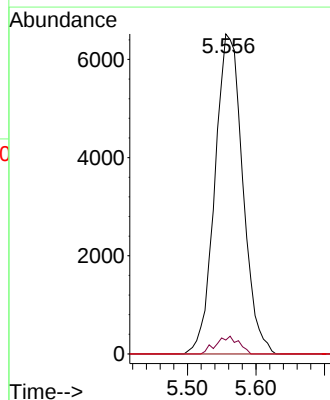
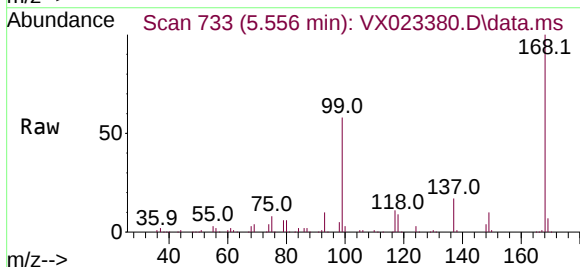
Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01

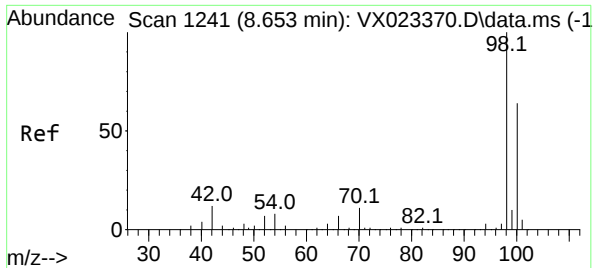
Tgt Ion: 43	Resp:	1297
Ion Ratio	Lower	Upper
43	100	
61	0.0	12.8
70	0.0	10.5



#38
Carbon Tetrachloride
Concen: 6.696 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Tgt Ion: 117	Resp:	18384
Ion Ratio	Lower	Upper
117	100	
119	4.3	76.2
121	0.0	24.8

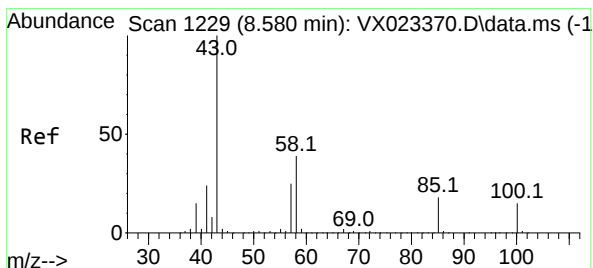
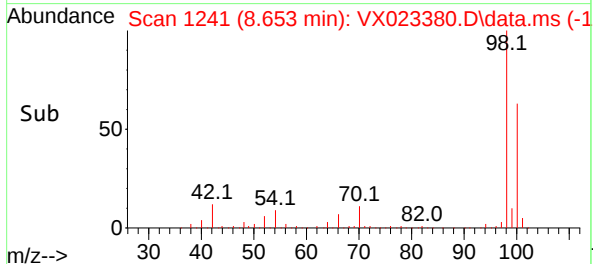
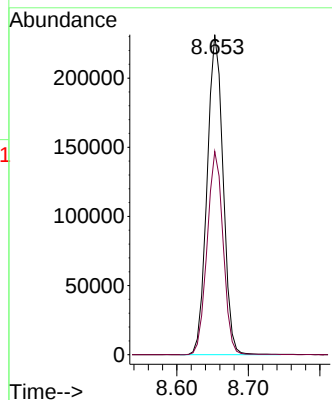
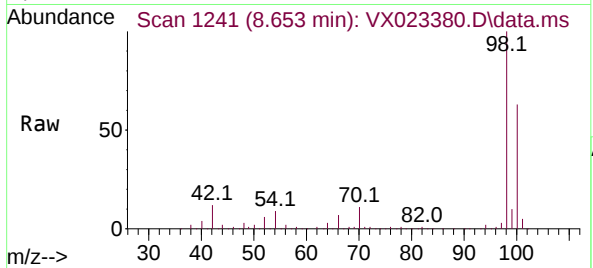




#50
Toluene-d8
Concen: 52.362 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

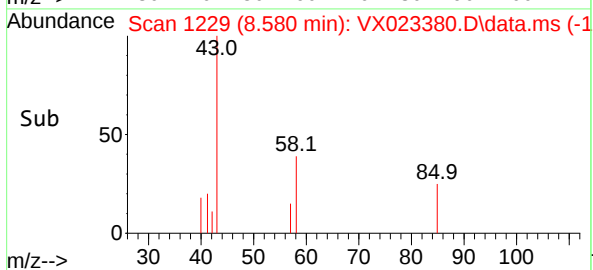
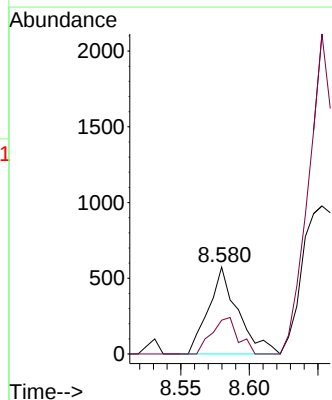
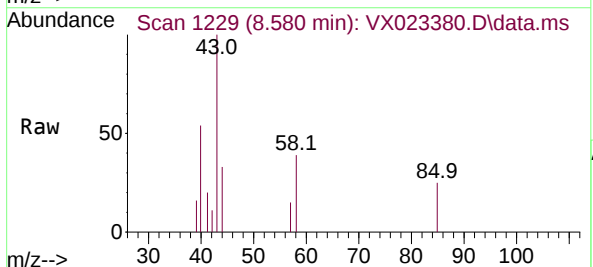
Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01

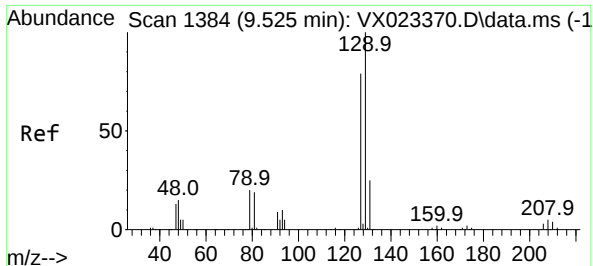
Tgt Ion: 98 Resp: 358971
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.266 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 37.6 35.4 53.0





#60

Dibromochloromethane

Concen: 2.012 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023380.D

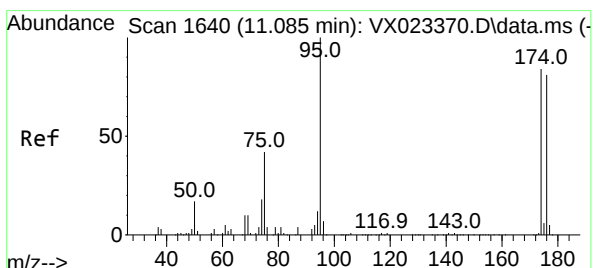
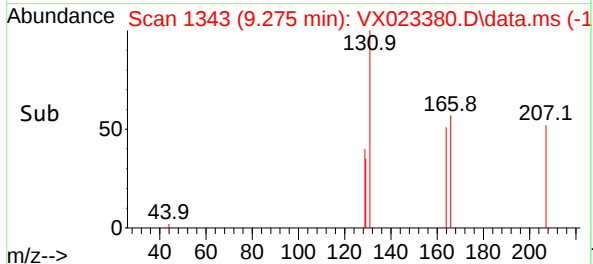
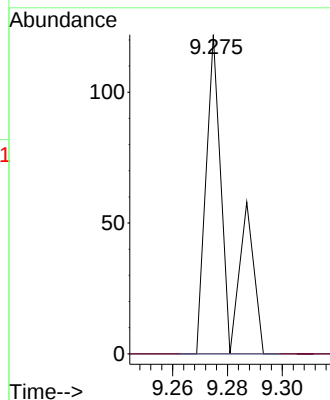
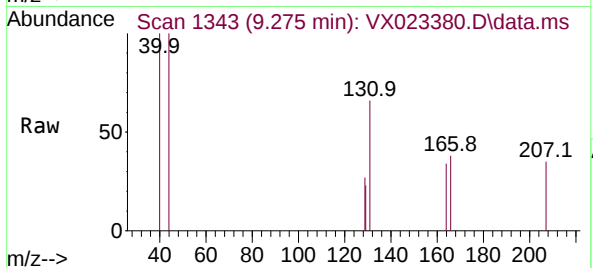
Acq: 22 Jul 2021 17:49

Tgt Ion:129 Resp: 66

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 49.508 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023380.D

Acq: 22 Jul 2021 17:49

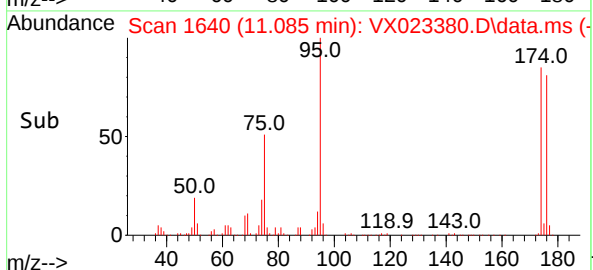
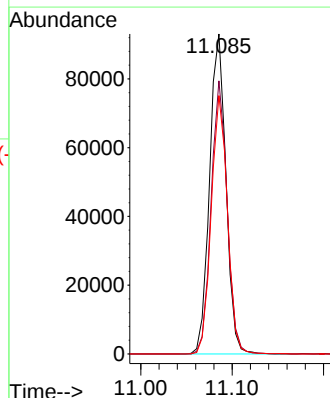
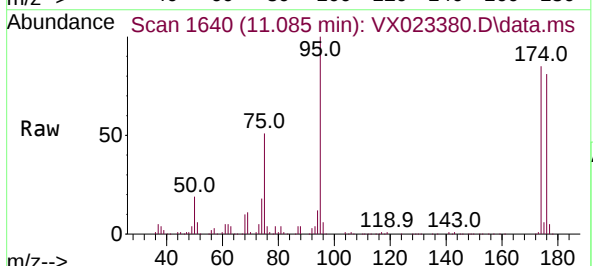
Tgt Ion: 95 Resp: 115412

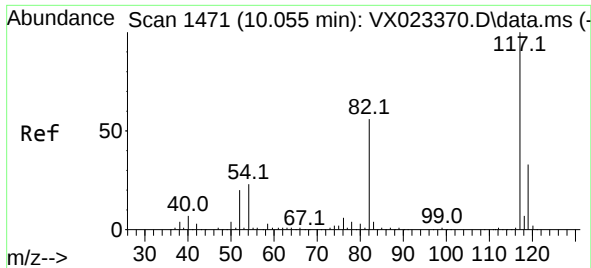
Ion Ratio Lower Upper

95 100

174 83.6 0.0 154.6

176 79.9 0.0 155.8

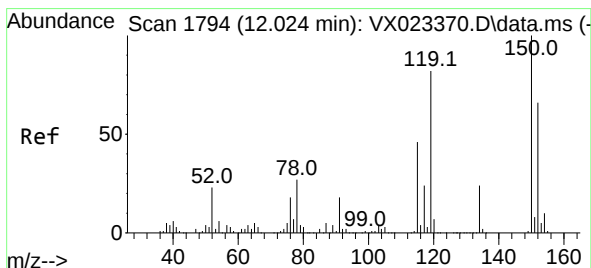
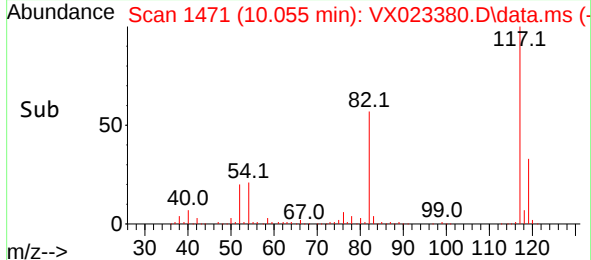
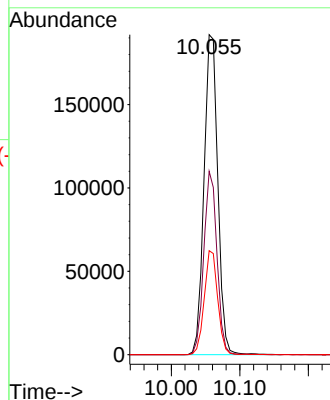
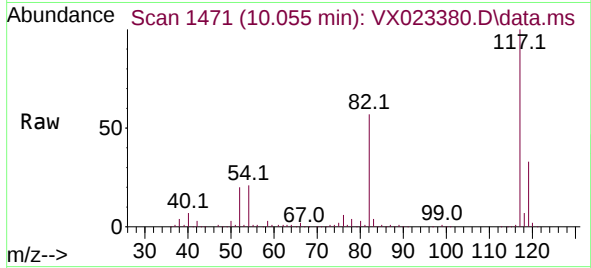




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

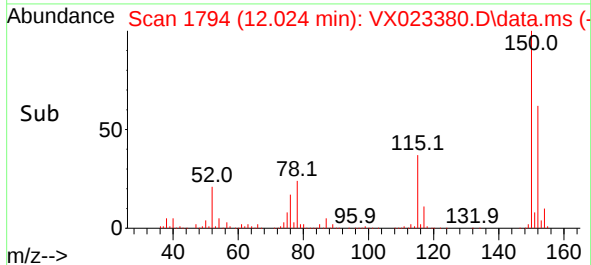
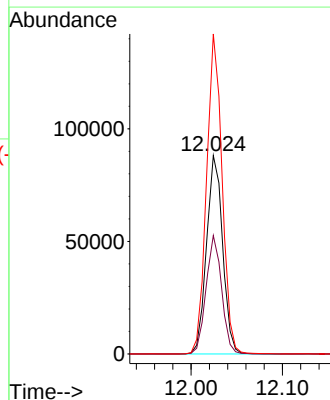
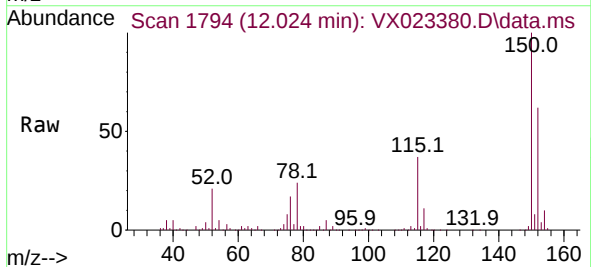
Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01

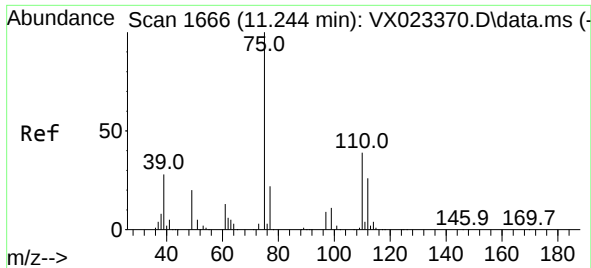
Tgt Ion:117 Resp: 269349
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Tgt Ion:152 Resp: 107552
Ion Ratio Lower Upper
152 100
115 57.6 41.1 123.3
150 155.6 0.0 349.0

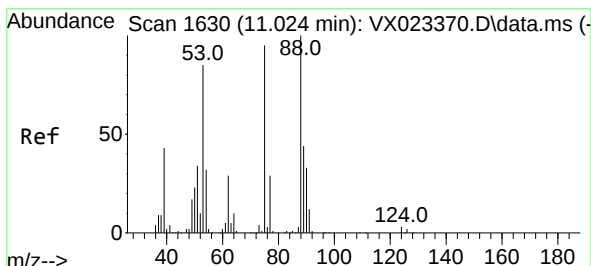
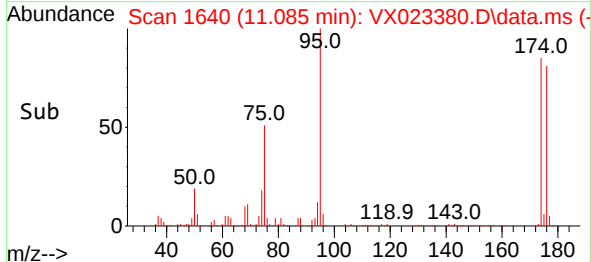
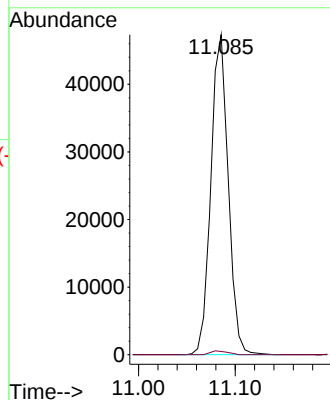
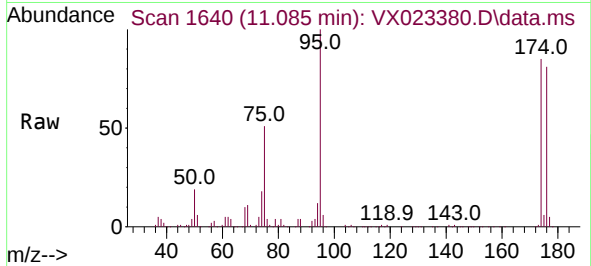




#76
1,2,3-Trichloropropane
Concen: 24.975 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Instrument :
MSVOA_X
ClientSampleId :
PB137853ZHE#01

Tgt Ion: 75 Resp: 59109
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.154 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023380.D
Acq: 22 Jul 2021 17:49

Tgt Ion: 75 Resp: 59109
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

