

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023568.D
 Acq On : 05 Aug 2021 13:28
 Operator : JC/MD
 Sample : PB138223TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB138223TB

Quant Time: Aug 06 03:22:49 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)

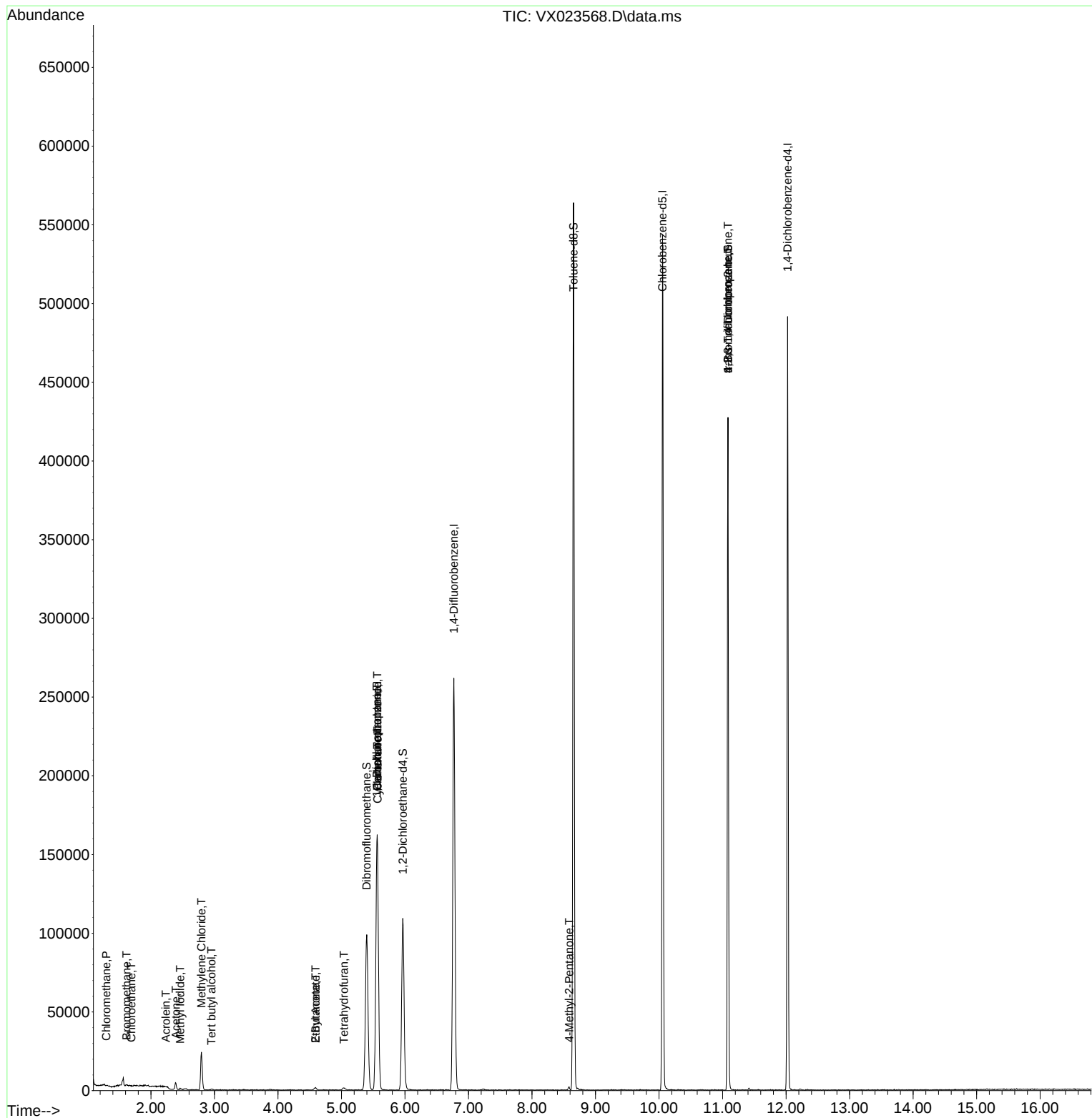
Internal Standards						
1) Pentafluorobenzene	5.562	168	155670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103986	53.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.100%			
35) Dibromofluoromethane	5.397	113	85532	51.695	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.400%			
50) Toluene-d8	8.653	98	317409	52.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.440%			
62) 4-Bromofluorobenzene	11.085	95	106615	51.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.160%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	335	0.201	ug/l #	75
5) Bromomethane	1.618	94	477	0.476	ug/l #	56
6) Chloroethane	1.691	64	215	0.207	ug/l #	43
10) Methyl Iodide	2.459	142	628	0.325	ug/l #	93
11) Tert butyl alcohol	2.953	59	468	1.055	ug/l #	73
13) Acrolein	2.233	56	50	1.584	ug/l #	37
16) Acetone	2.392	43	4370	4.588	ug/l	99
20) Methylene Chloride	2.794	84	10655	5.751	ug/l #	86
25) 2-Butanone	4.593	43	1481	1.001	ug/l #	75
29) Tetrahydrofuran	5.038	42	1313	1.355	ug/l #	82
31) Cyclohexane	5.568	56	3512	1.221	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	11857	4.953	ug/l #	49
37) Ethyl Acetate	4.593	43	1481	0.491	ug/l #	64
38) Carbon Tetrachloride	5.562	117	15859	6.514	ug/l #	17
51) 4-Methyl-2-Pentanone	8.586	43	1265	0.442	ug/l #	82
76) 1,2,3-Trichloropropane	11.085	75	55960	26.429	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55960	71.064	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023568.D
Acq On : 05 Aug 2021 13:28
Operator : JC/MD
Sample : PB138223TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB138223TB

Quant Time: Aug 06 03:22:49 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

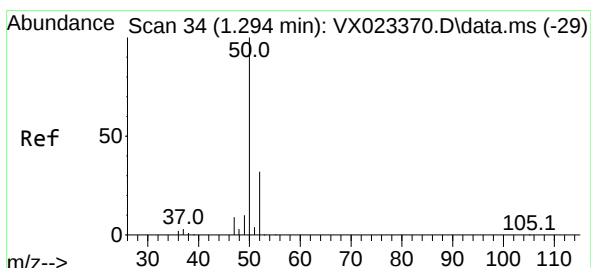
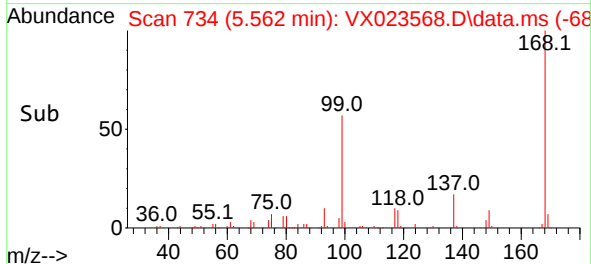
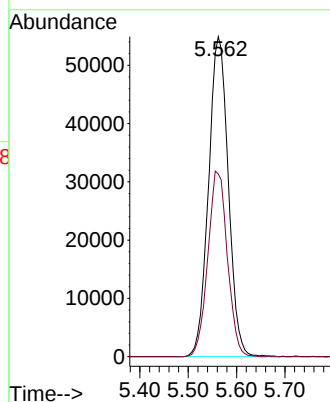
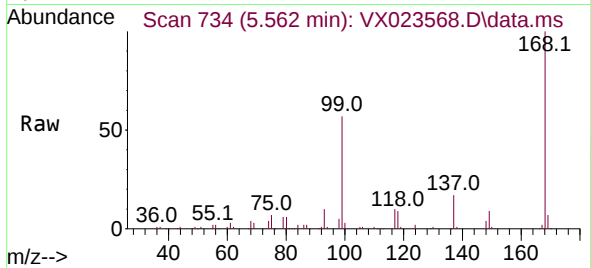




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

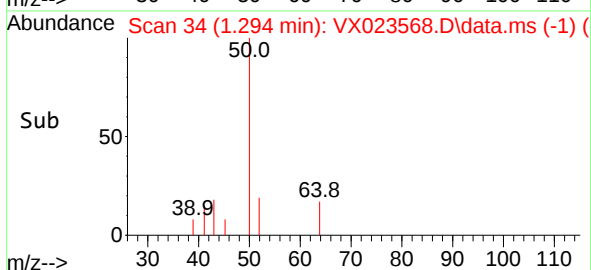
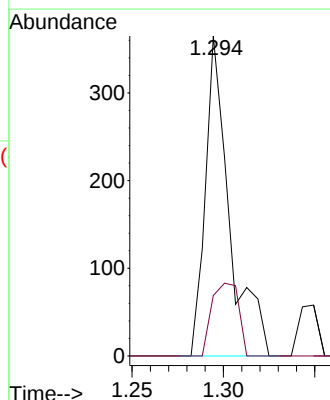
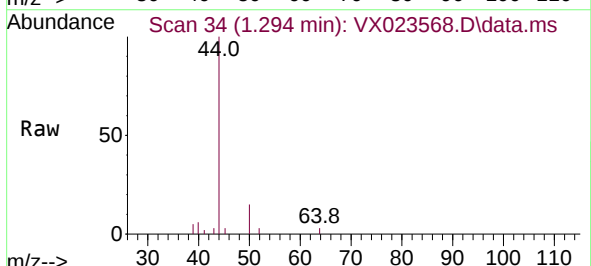
Instrument :
MSVOA_X
ClientSampleId :
PB138223TB

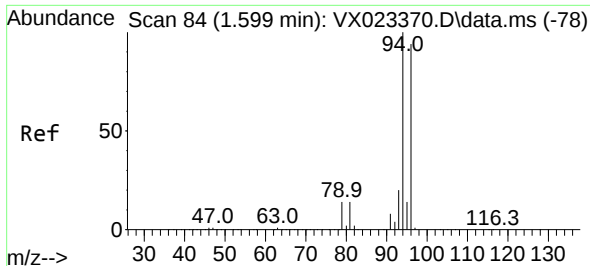
Tgt Ion:168 Resp: 155670
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

Tgt Ion: 50 Resp: 335
Ion Ratio Lower Upper
50 100
52 18.9 26.4 39.6#

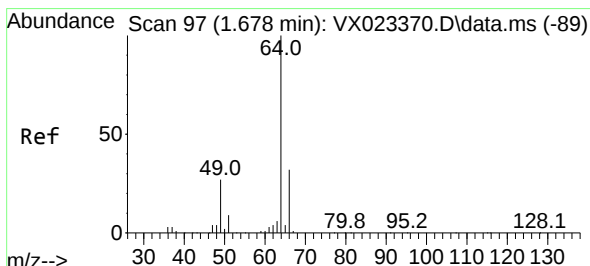
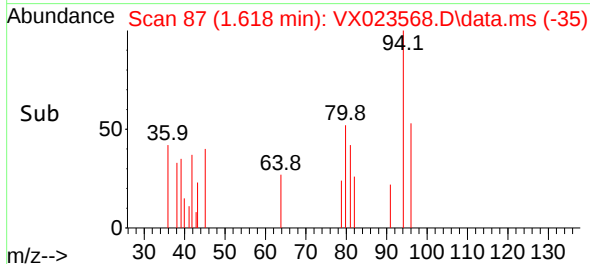
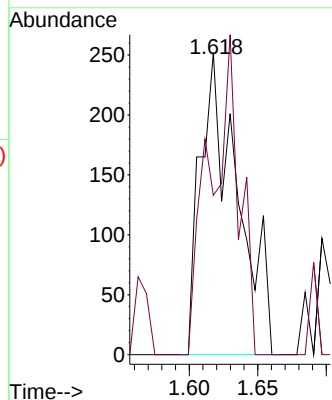
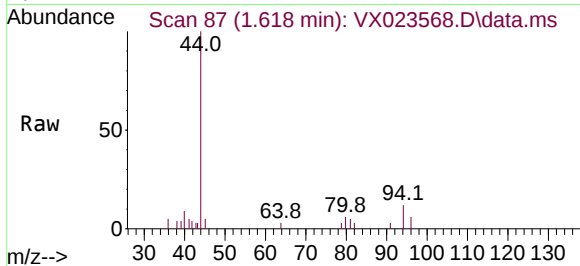




#5
Bromomethane
Concen: 0.476 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

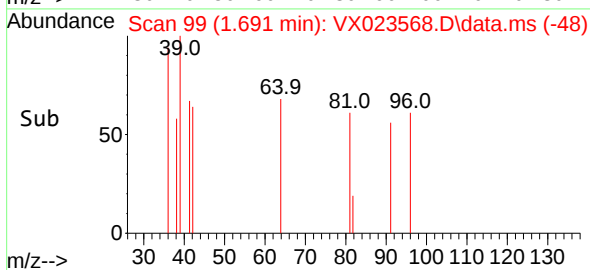
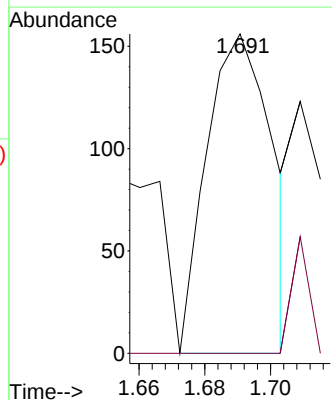
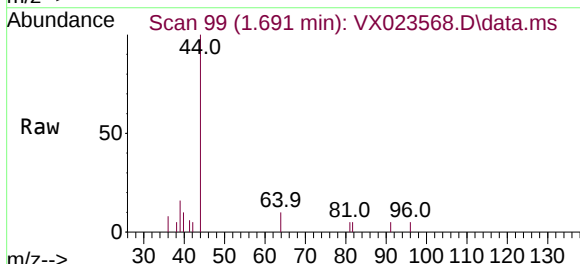
Instrument :
MSVOA_X
ClientSampleId :
PB138223TB

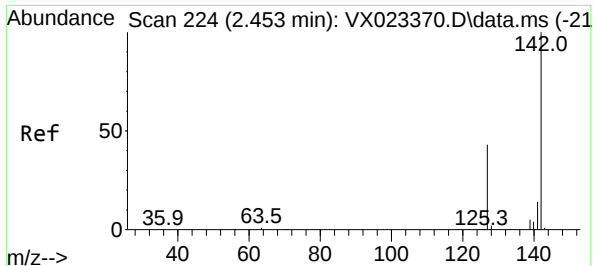
Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 52.8 76.4 114.6#



#6
Chloroethane
Concen: 0.207 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

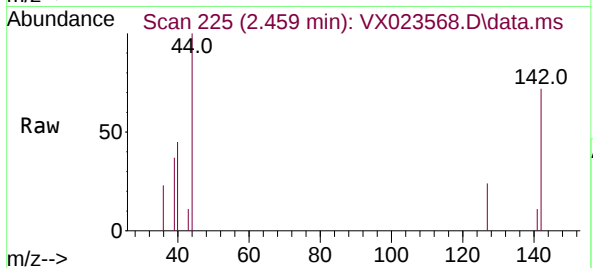
Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



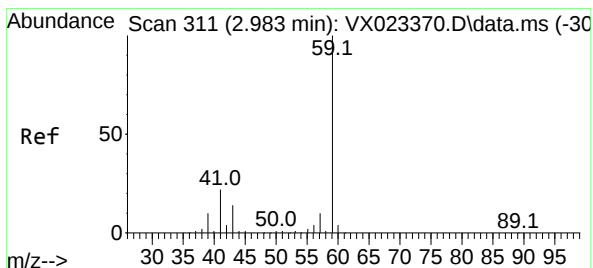
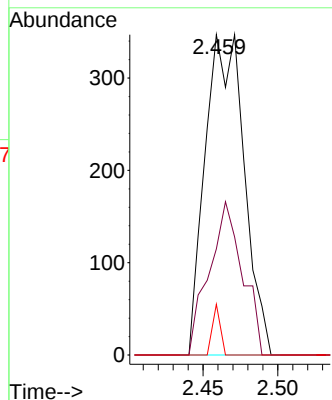
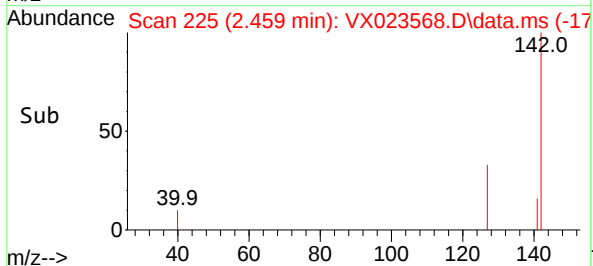


#10
Methyl Iodide
Concen: 0.325 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

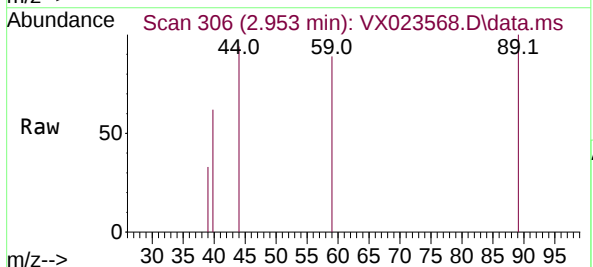
Instrument :
MSVOA_X
ClientSampleId :
PB138223TB



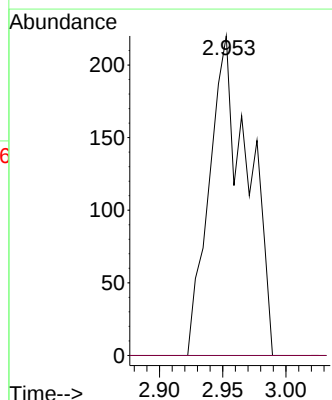
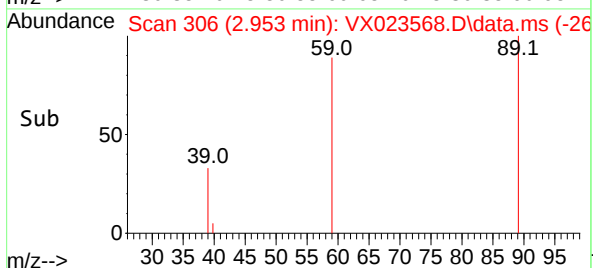
Tgt Ion:142 Resp: 628
Ion Ratio Lower Upper
142 100
127 41.1 33.3 49.9
141 3.2 11.4 17.0#

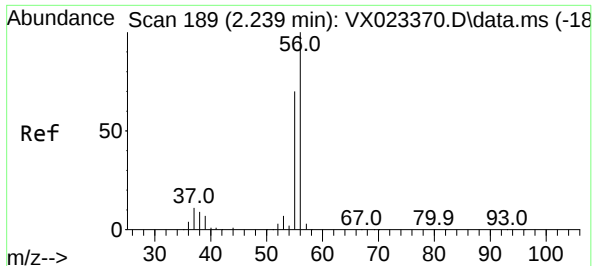


#11
Tert butyl alcohol
Concen: 1.055 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28



Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

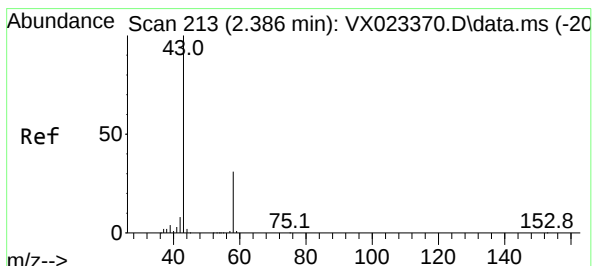
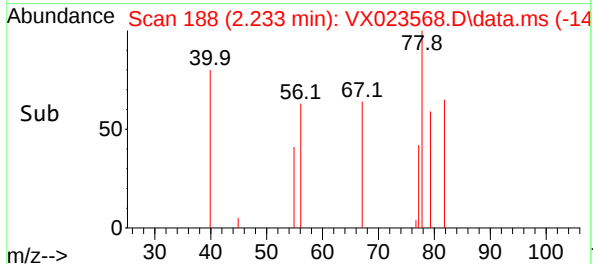
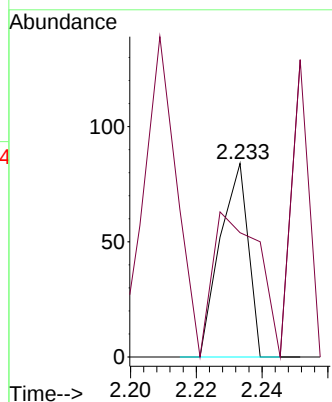
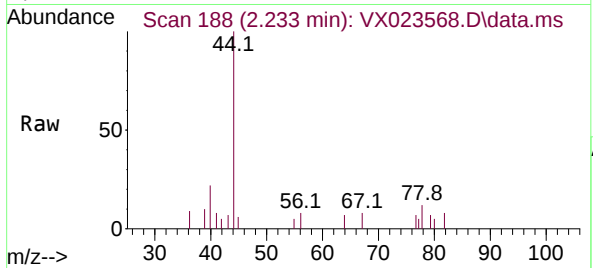




#13
Acrolein
Concen: 1.584 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

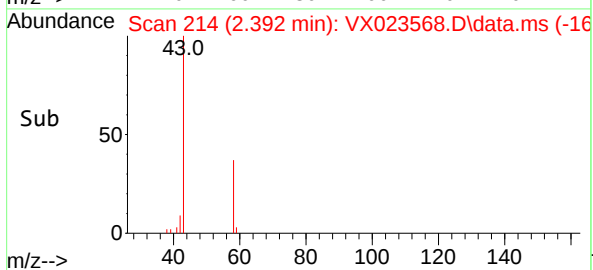
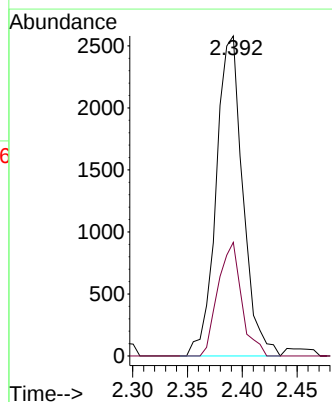
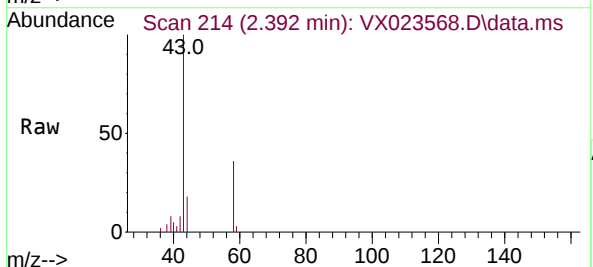
Instrument :
MSVOA_X
ClientSampleId :
PB138223TB

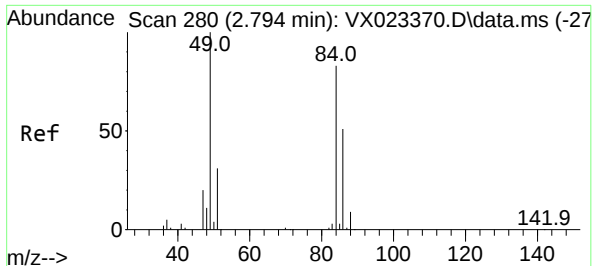
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 122.0 56.4 84.6#



#16
Acetone
Concen: 4.588 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

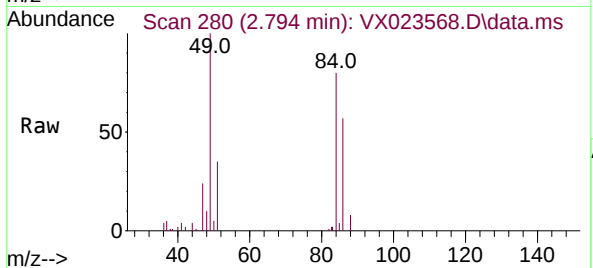
Tgt Ion: 43 Resp: 4370
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8



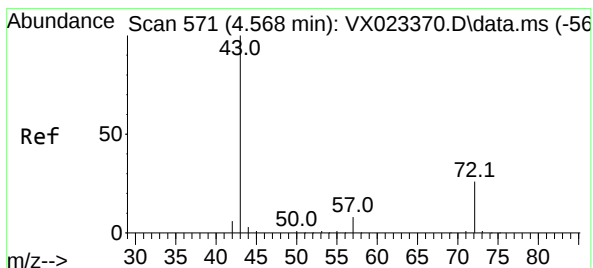
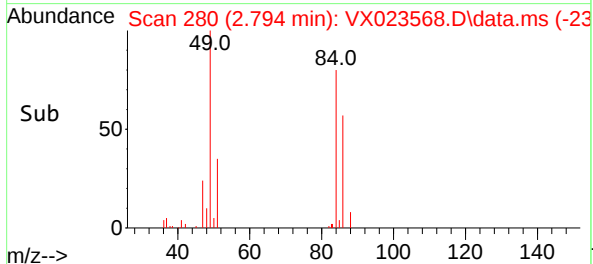
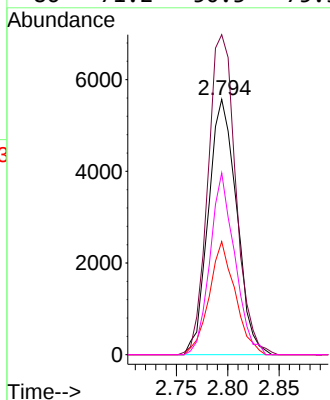


#20
Methylene Chloride
Concen: 5.751 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

Instrument :
MSVOA_X
ClientSampleId :
PB138223TB

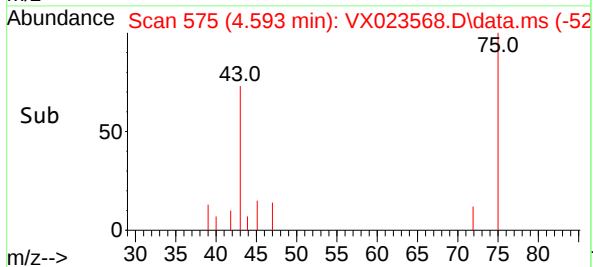
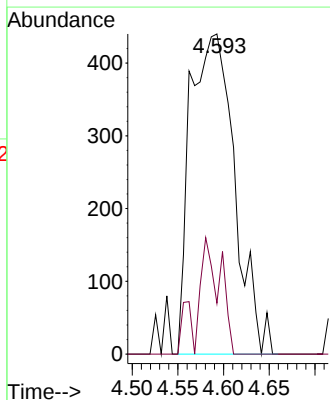
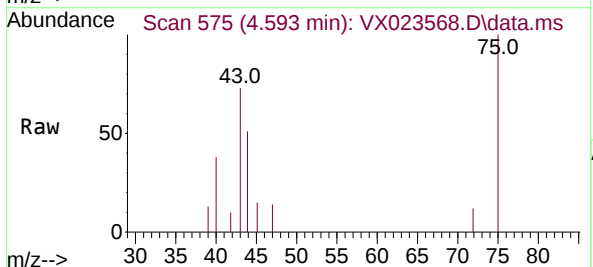


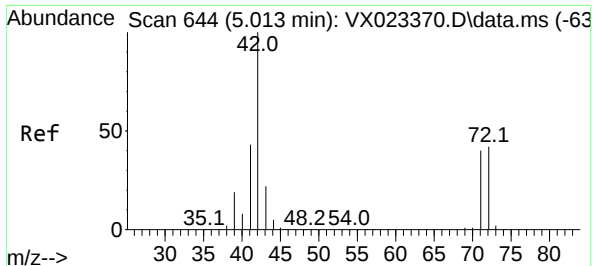
Tgt Ion:	84	Resp:	10655
Ion	Ratio	Lower	Upper
84	100		
49	125.3	88.6	132.8
51	44.3	27.0	40.6#
86	71.2	50.3	75.5



#25
2-Butanone
Concen: 1.001 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

Tgt Ion:	43	Resp:	1481
Ion	Ratio	Lower	Upper
43	100		
72	15.9	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.355 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.025 min

Lab File: VX023568.D

Acq: 05 Aug 2021 13:28

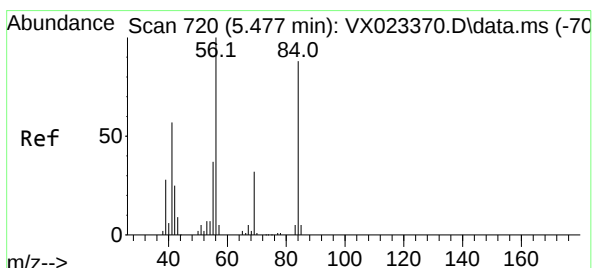
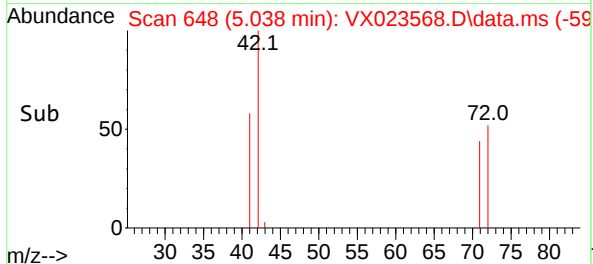
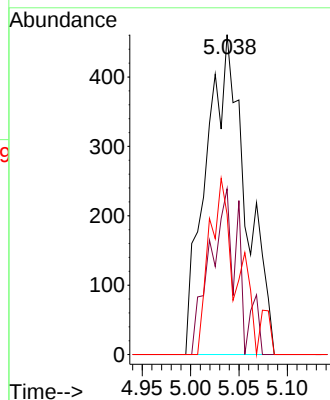
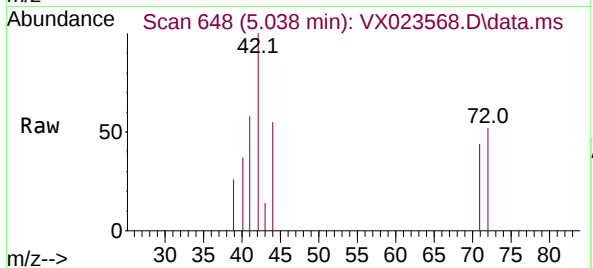
Instrument :

MSVOA_X

ClientSampleId :

PB138223TB

Tgt Ion:	42	Resp:	1313
Ion	Ratio	Lower	Upper
42	100		
72	37.6	41.7	62.5#
71	37.1	38.4	57.6#



#31

Cyclohexane

Concen: 1.221 ug/l

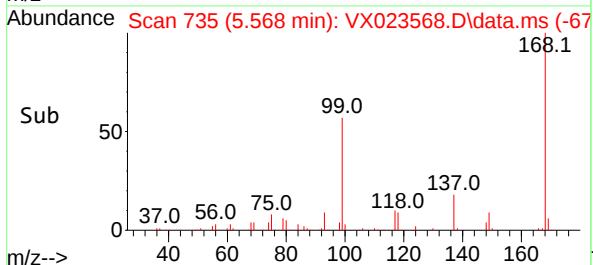
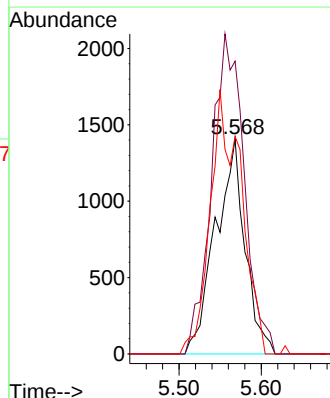
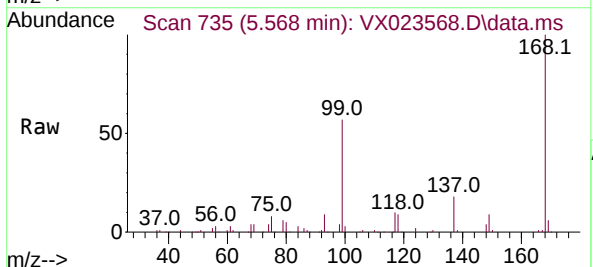
RT: 5.568 min Scan# 735

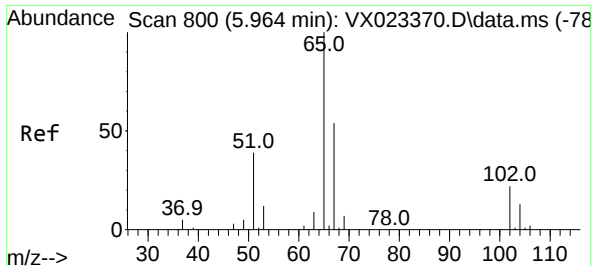
Delta R.T. 0.091 min

Lab File: VX023568.D

Acq: 05 Aug 2021 13:28

Tgt Ion:	56	Resp:	3512
Ion	Ratio	Lower	Upper
56	100		
69	136.2	25.3	37.9#
84	101.3	71.4	107.0

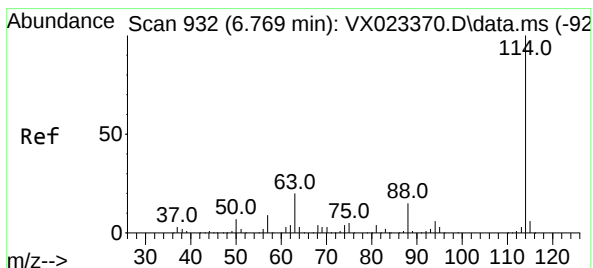
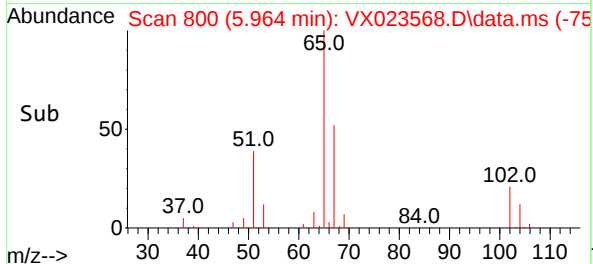
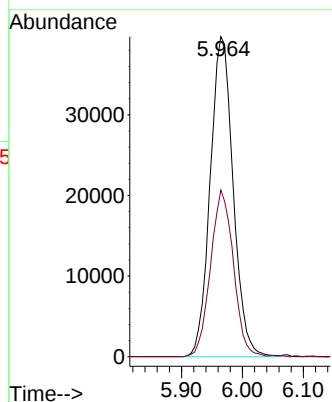
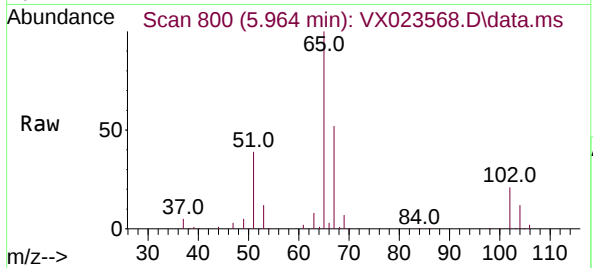




#33
 1,2-Dichloroethane-d4
 Concen: 53.550 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023568.D
 Acq: 05 Aug 2021 13:28

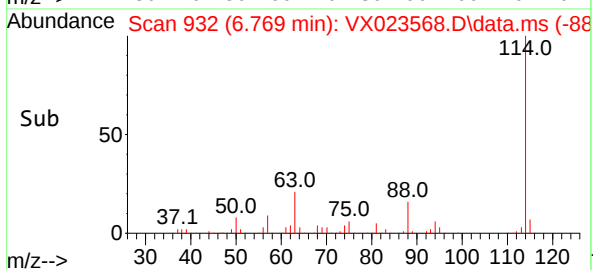
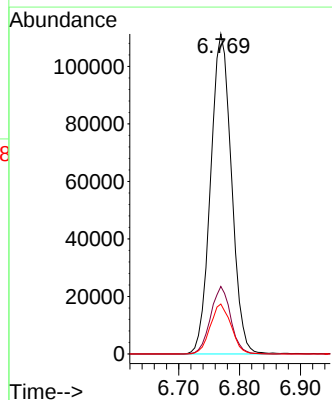
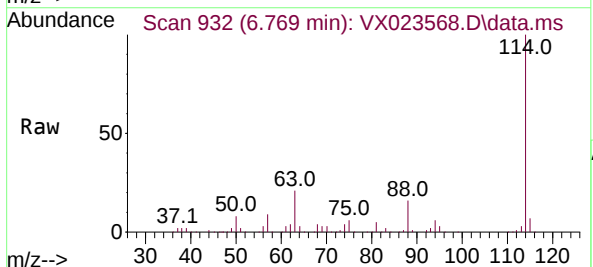
Instrument :
 MSVOA_X
 ClientSampleId :
 PB138223TB

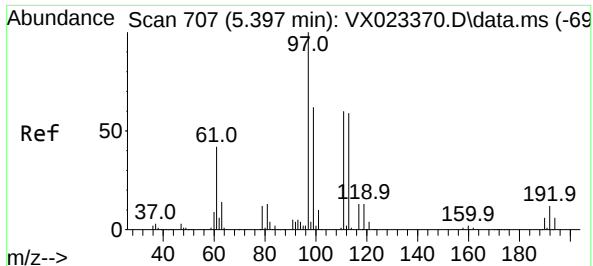
Tgt Ion: 65 Resp: 103986
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023568.D
 Acq: 05 Aug 2021 13:28

Tgt Ion: 114 Resp: 264624
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.695 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023568.D

Acq: 05 Aug 2021 13:28

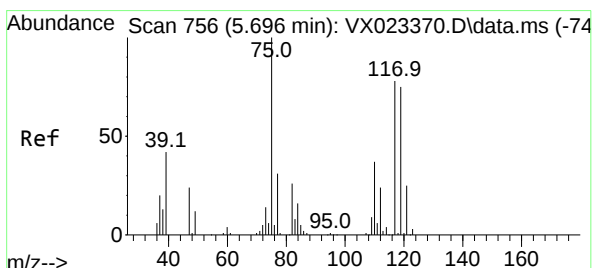
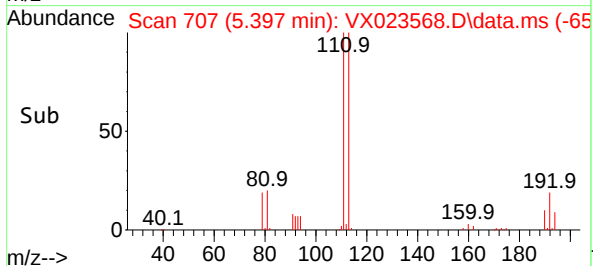
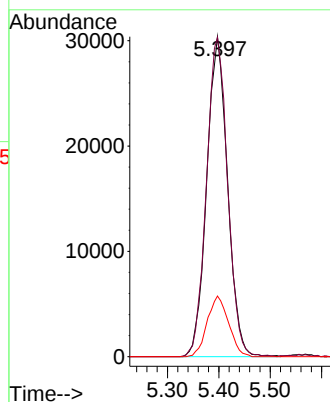
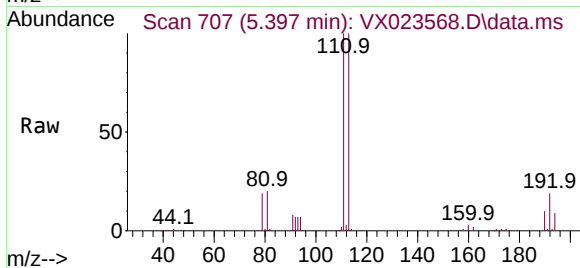
Tgt Ion:113 Resp: 85532

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023568.D

Acq: 05 Aug 2021 13:28

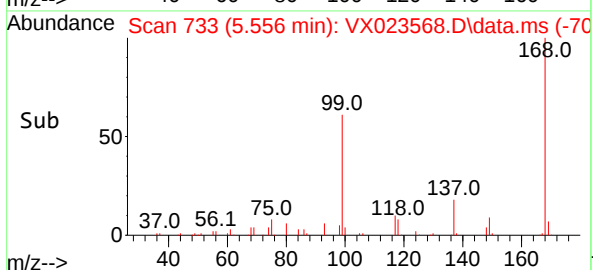
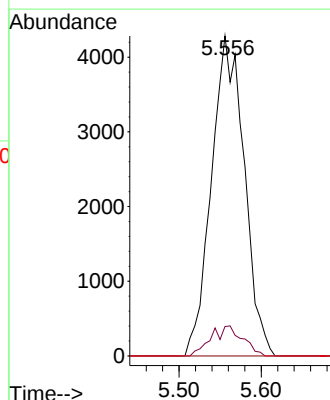
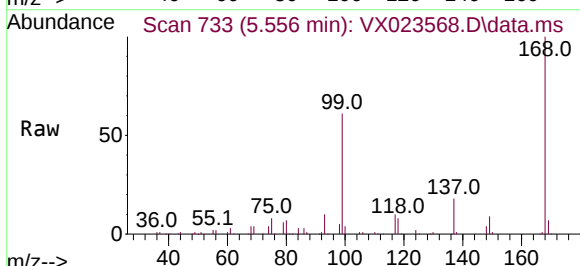
Tgt Ion: 75 Resp: 11857

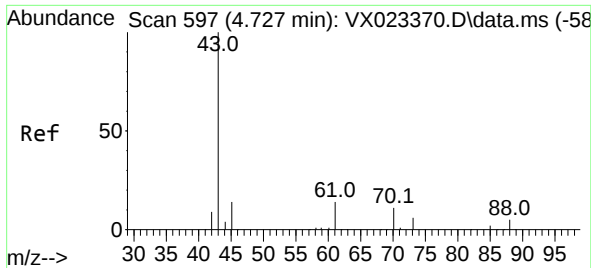
Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

77 0.0 25.3 37.9#

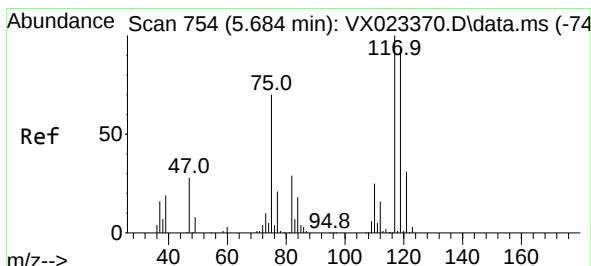
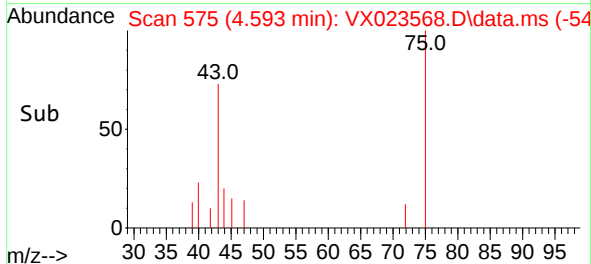
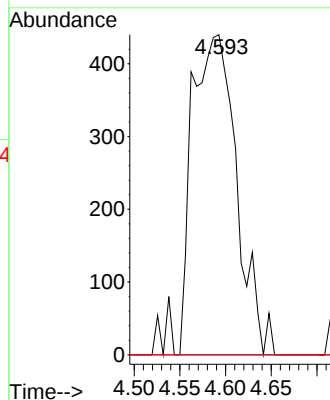
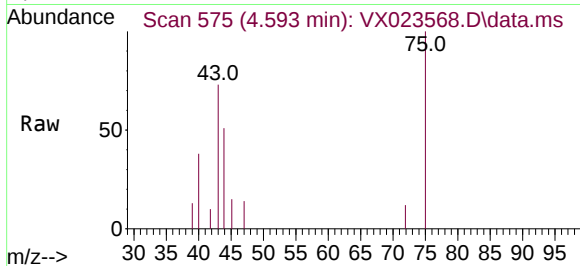




#37
Ethyl Acetate
Concen: 0.491 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.134 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

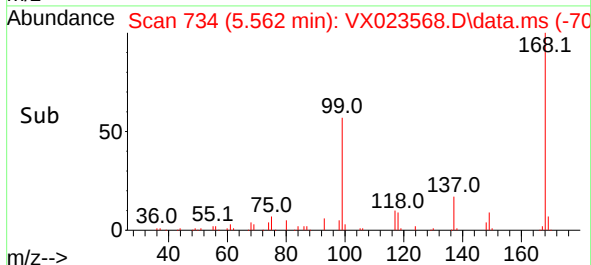
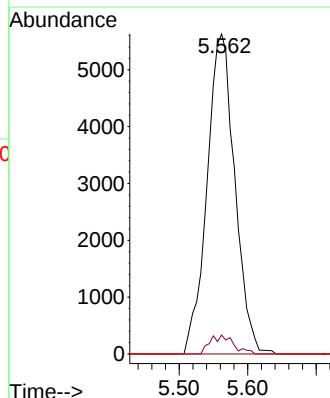
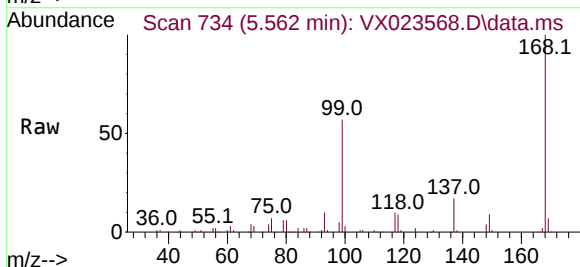
Instrument :
MSVOA_X
ClientSampleId :
PB138223TB

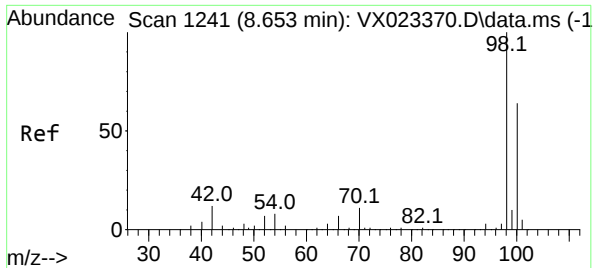
Tgt Ion:	43	Resp:	1481
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38
Carbon Tetrachloride
Concen: 6.514 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

Tgt Ion:	117	Resp:	15859
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.2	114.2#
121	0.0	24.8	37.2#

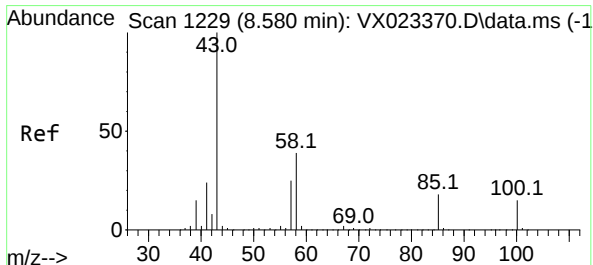
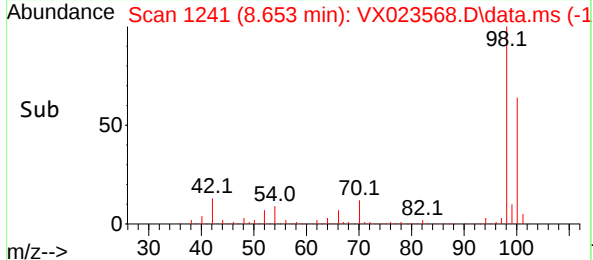
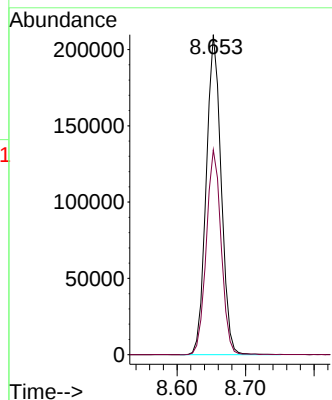
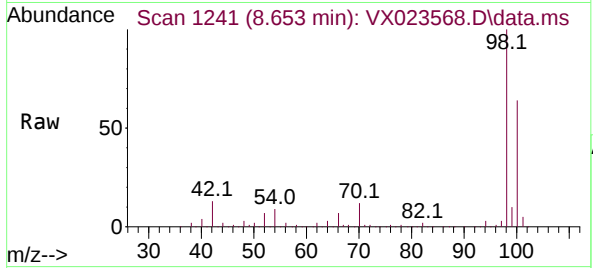




#50
Toluene-d8
Concen: 52.215 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

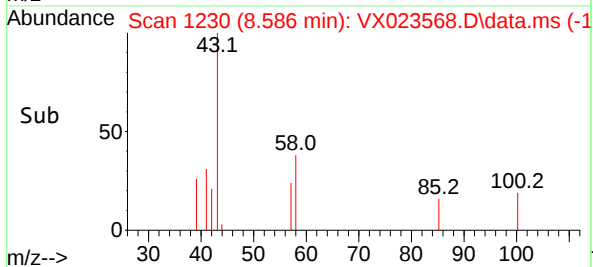
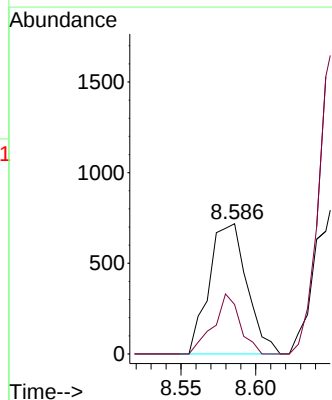
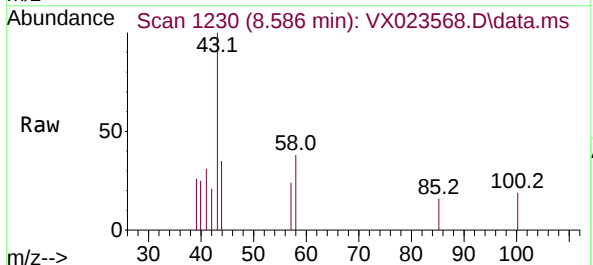
Instrument :
MSVOA_X
ClientSampleId :
PB138223TB

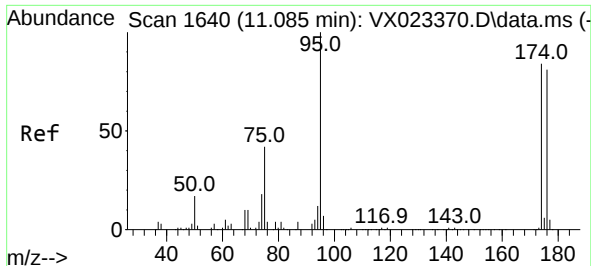
Tgt Ion: 98 Resp: 317409
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
58 32.3 35.4 53.0#

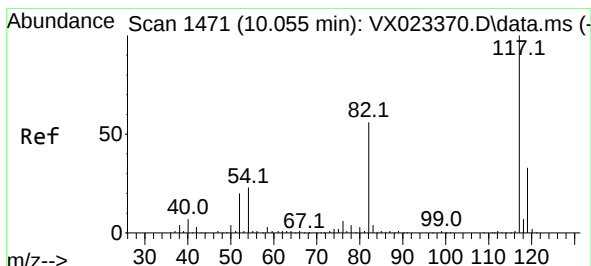
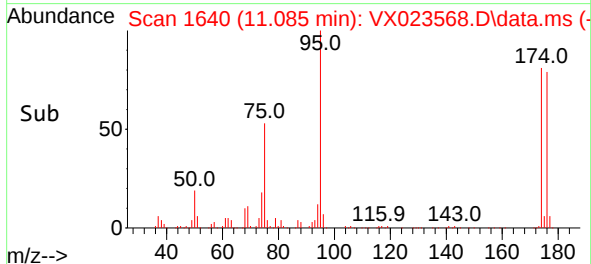
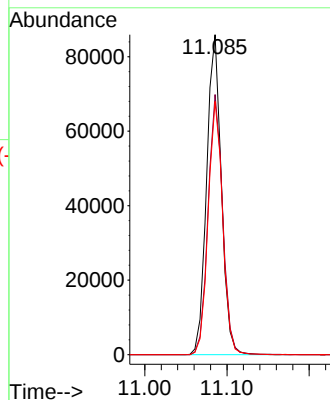
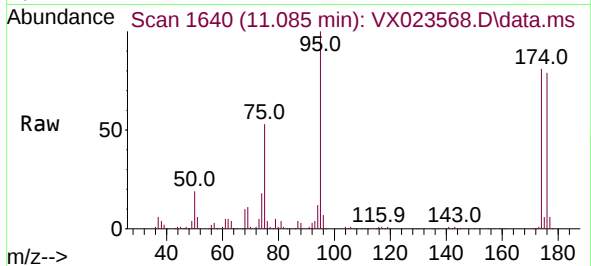




#62
4-Bromofluorobenzene
Concen: 51.578 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

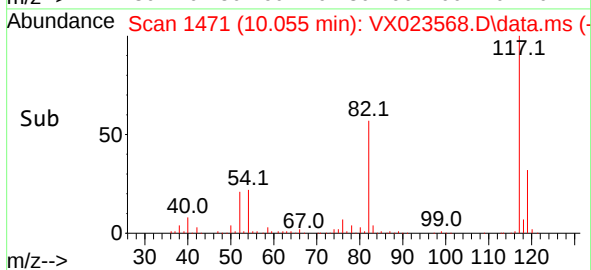
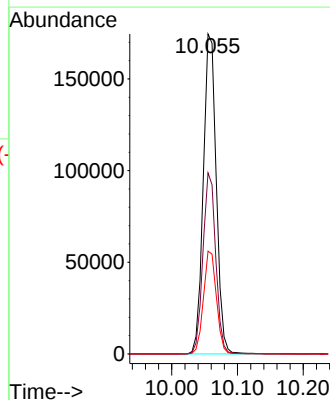
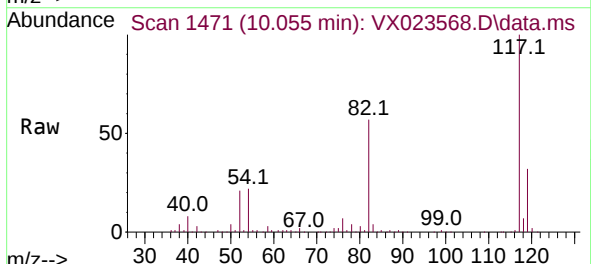
Instrument :
MSVOA_X
ClientSampleId :
PB138223TB

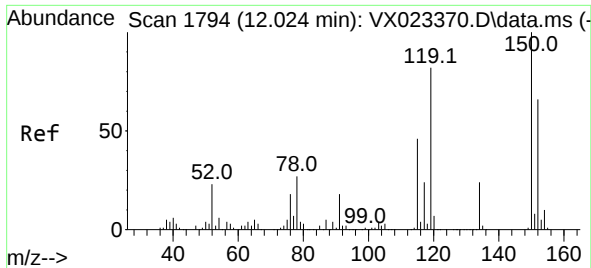
Tgt Ion: 95 Resp: 106615
Ion Ratio Lower Upper
95 100
174 81.0 0.0 154.6
176 78.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023568.D
Acq: 05 Aug 2021 13:28

Tgt Ion: 117 Resp: 239524
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.1 26.6 39.8

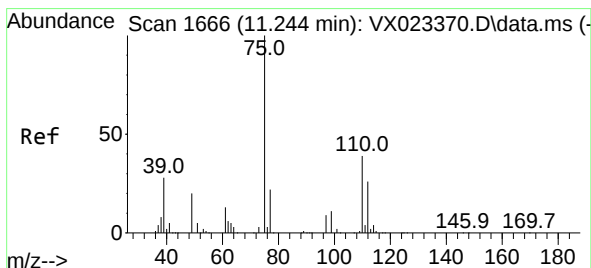
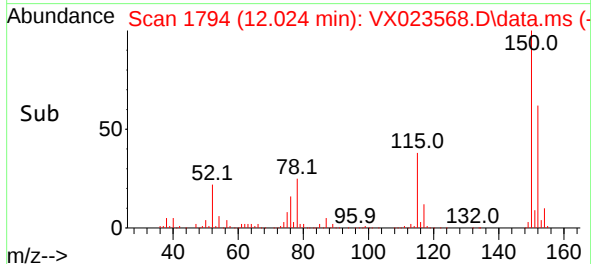
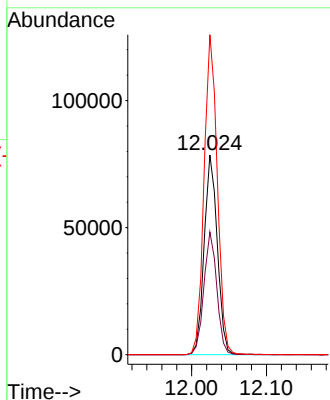
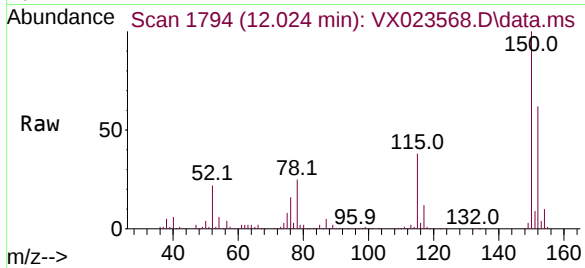




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023568.D
 Acq: 05 Aug 2021 13:28

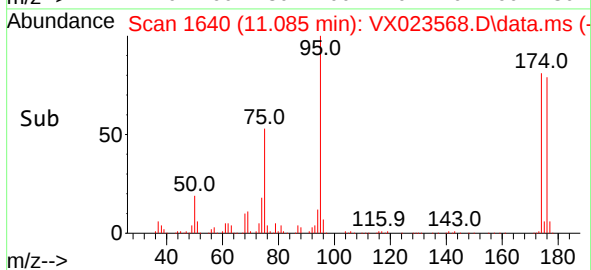
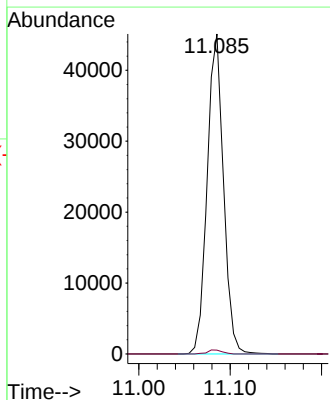
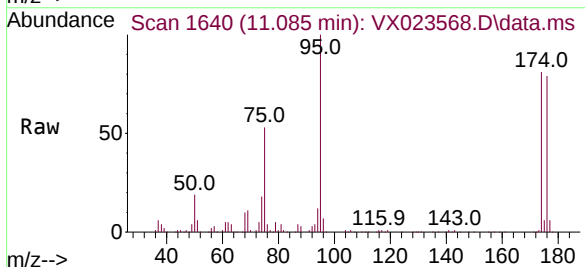
Instrument :
 MSVOA_X
 ClientSampled :
 PB138223TB

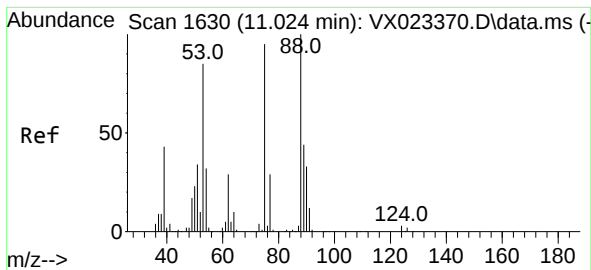
Tgt Ion:152 Resp: 96219
 Ion Ratio Lower Upper
 152 100
 115 60.4 41.1 123.3
 150 161.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.429 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023568.D
 Acq: 05 Aug 2021 13:28

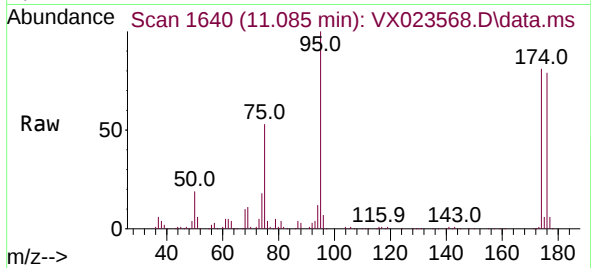
Tgt Ion: 75 Resp: 55960
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.064 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023568.D
 Acq: 05 Aug 2021 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 PB138223TB



Tgt Ion: 75 Resp: 55960
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

