

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026677.D
 Acq On : 31 Jan 2022 13:59
 Operator : JC/MD
 Sample : PB142369TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369TB

Quant Time: Jan 31 15:39:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

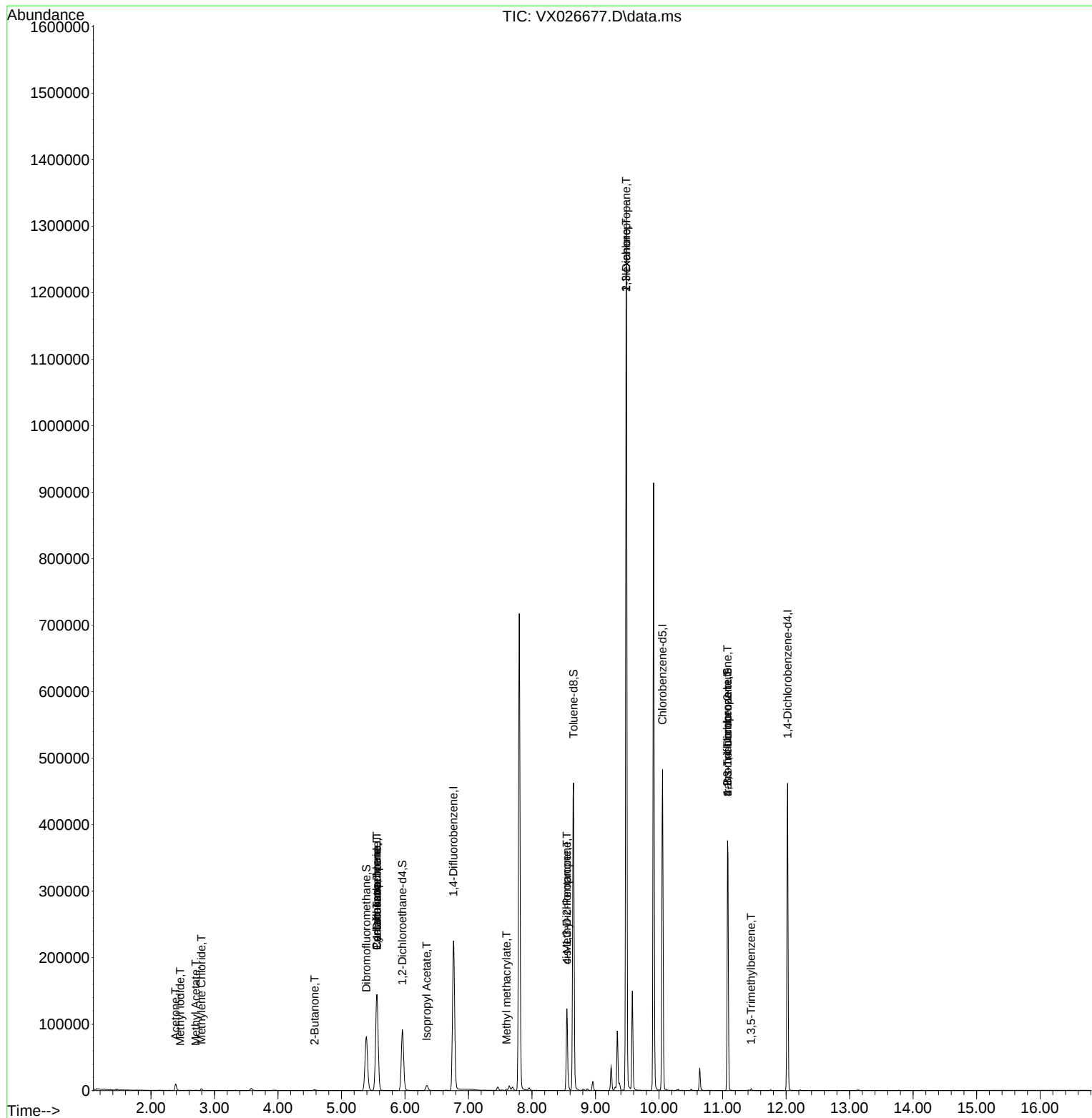
Internal Standards						
1) Pentafluorobenzene	5.556	168	138043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87984	45.626	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	91.260%	
35) Dibromofluoromethane	5.391	113	71839	47.739	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.480%	
50) Toluene-d8	8.653	98	275953	50.888	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.780%	
62) 4-Bromofluorobenzene	11.079	95	105027	54.521	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	109.040%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	198	4.556	ug/l #	37
16) Acetone	2.386	43	11754	11.953	ug/l	91
18) Methyl Acetate	2.703	43	681	0.348	ug/l	95
20) Methylene Chloride	2.794	84	1213	0.747	ug/l	87
25) 2-Butanone	4.574	43	2434	1.903	ug/l	95
31) Cyclohexane	5.556	56	2808	0.987	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10735	4.519	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14028	5.741	ug/l #	17
43) Isopropyl Acetate	6.342	43	10966	2.825	ug/l	98
48) Methyl methacrylate	7.598	41	3124	1.624	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	41506	18.027	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	19324	7.707	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	11772	4.321	ug/l #	43
59) 2-Hexanone	9.482	43	162531	92.231	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	51503	24.394	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1307	0.202	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	51503	74.270	ug/l #	3

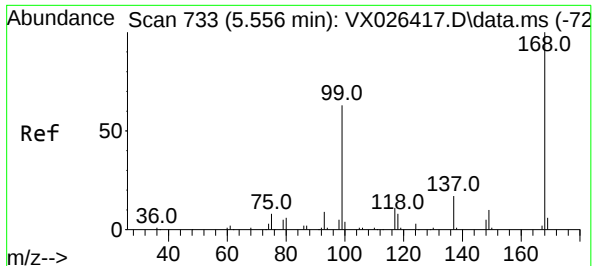
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
Data File : VX026677.D
Acq On : 31 Jan 2022 13:59
Operator : JC/MD
Sample : PB142369TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

Quant Time: Jan 31 15:39:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

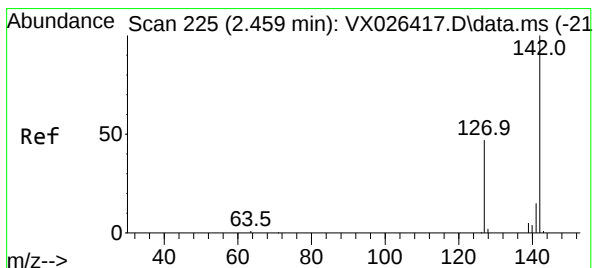
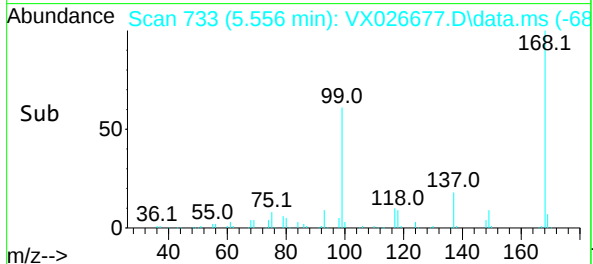
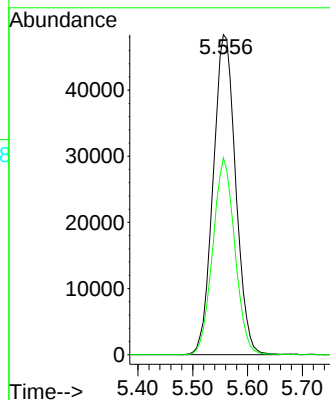
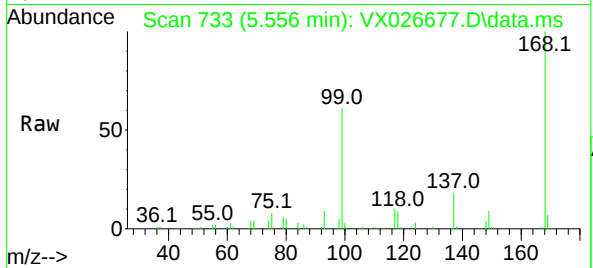




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

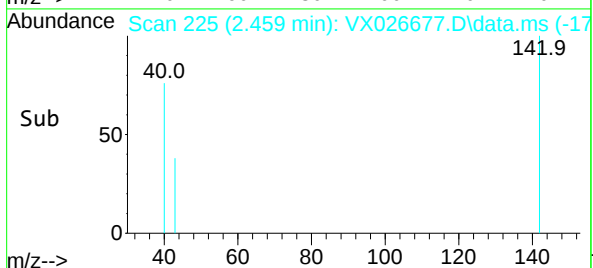
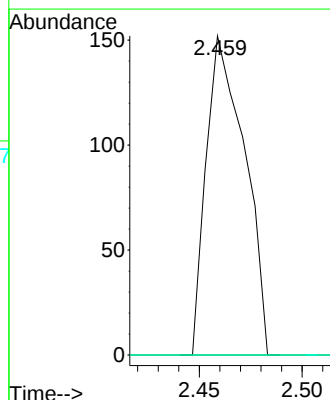
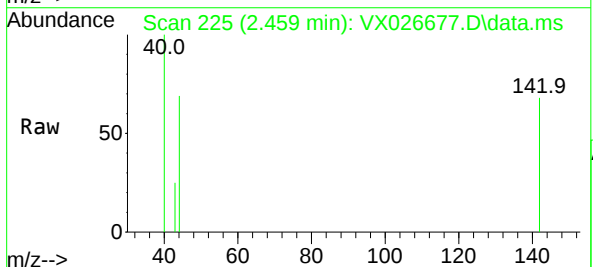
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

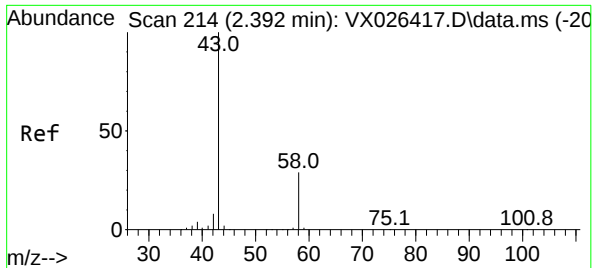
Tgt Ion:168 Resp: 138043
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#10
Methyl Iodide
Concen: 4.556 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion:142 Resp: 198
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

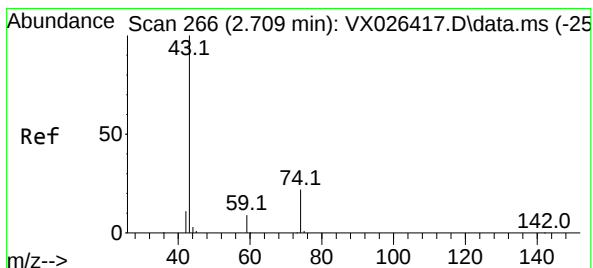
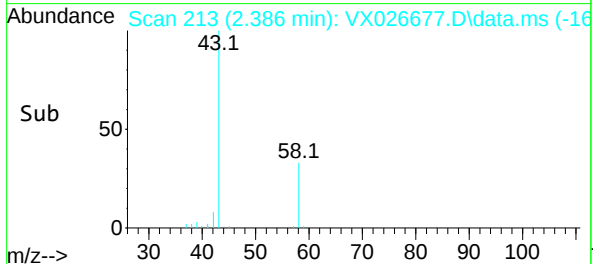
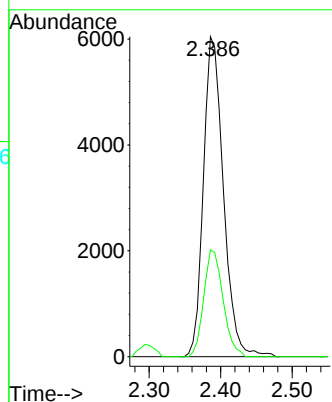
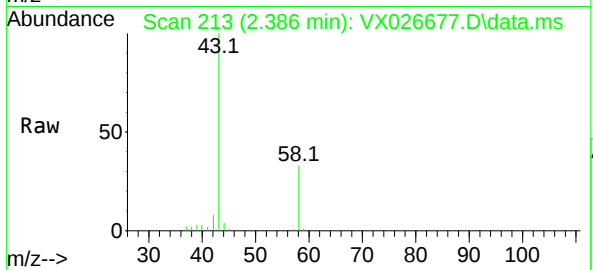




#16
Acetone
Concen: 11.953 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

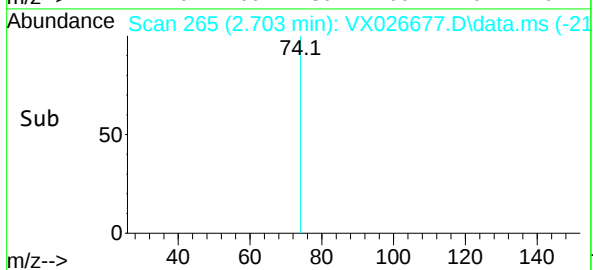
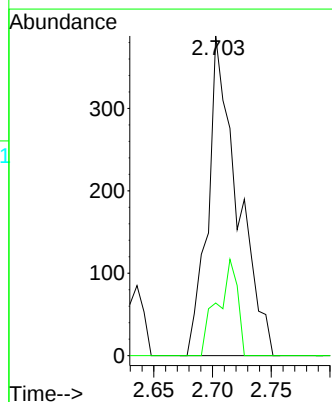
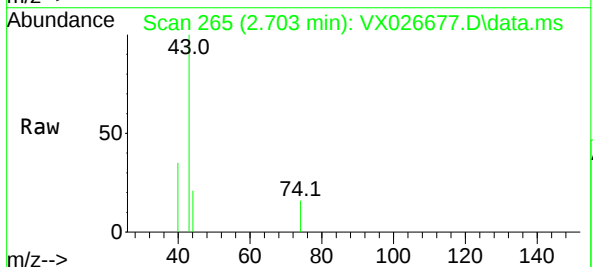
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

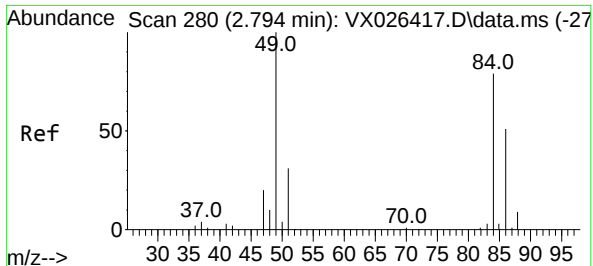
Tgt Ion: 43 Resp: 11754
Ion Ratio Lower Upper
43 100
58 33.4 23.0 34.6



#18
Methyl Acetate
Concen: 0.348 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
74 20.4 18.3 27.5





#20

Methylene Chloride

Concen: 0.747 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026677.D

Acq: 31 Jan 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

PB142369TB

Tgt Ion: 84 Resp: 1213

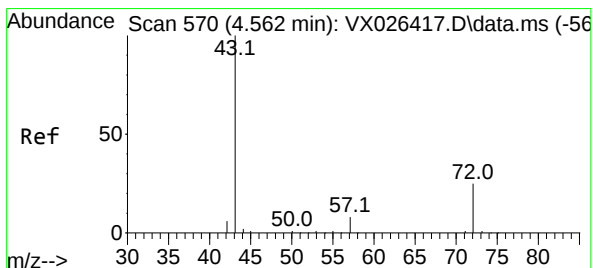
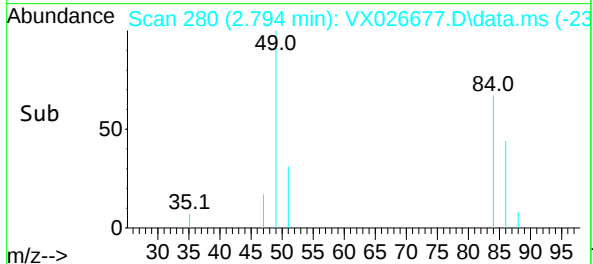
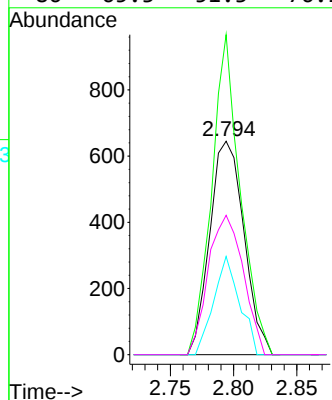
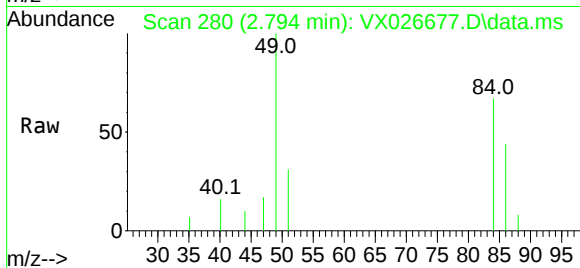
Ion Ratio Lower Upper

84 100

49 149.9 101.5 152.3

51 46.0 31.2 46.8

86 65.3 51.3 76.9



#25

2-Butanone

Concen: 1.903 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX026677.D

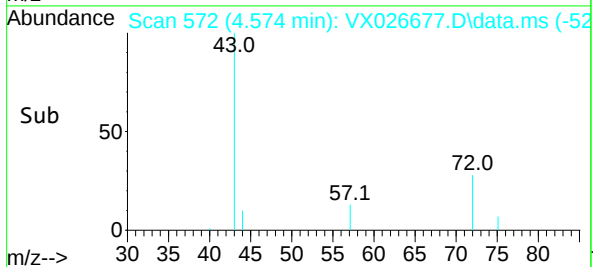
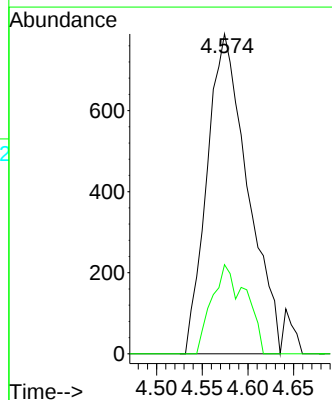
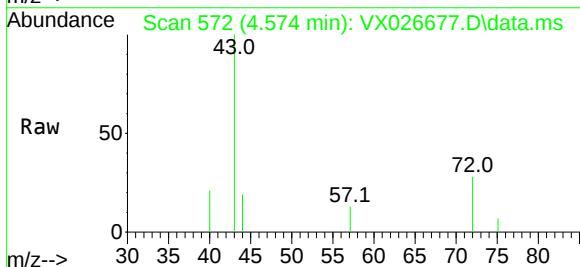
Acq: 31 Jan 2022 13:59

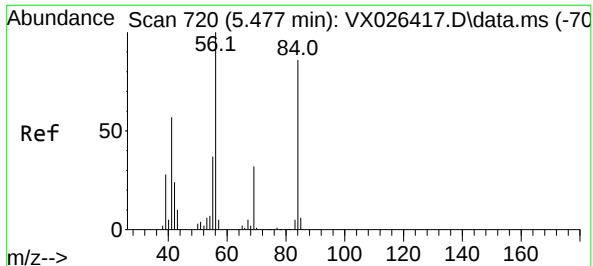
Tgt Ion: 43 Resp: 2434

Ion Ratio Lower Upper

43 100

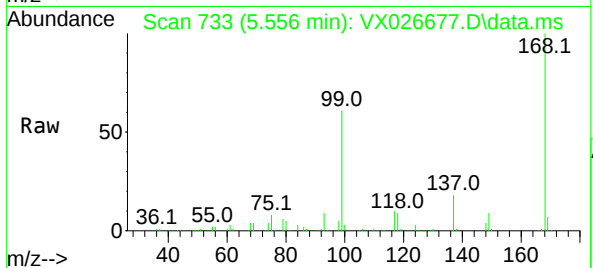
72 27.9 20.4 30.6



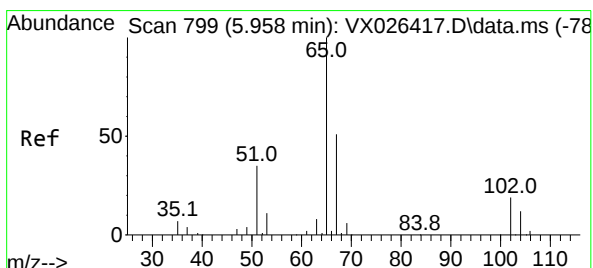
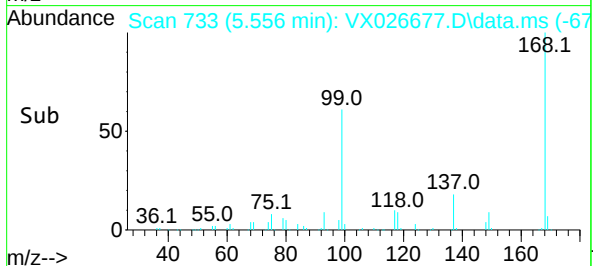
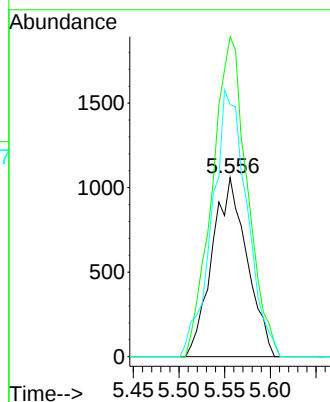


#31
Cyclohexane
Concen: 0.987 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

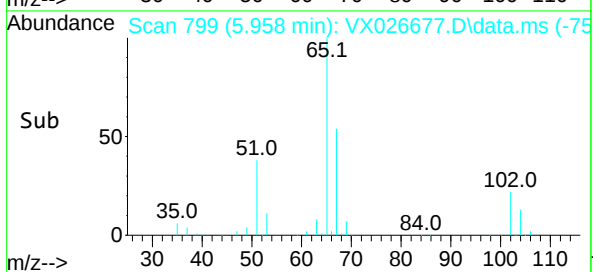
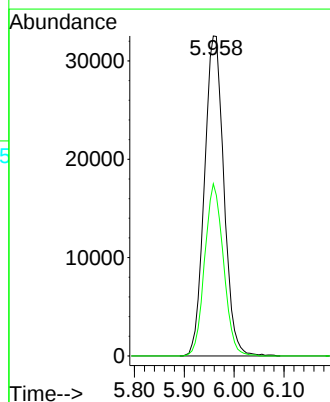
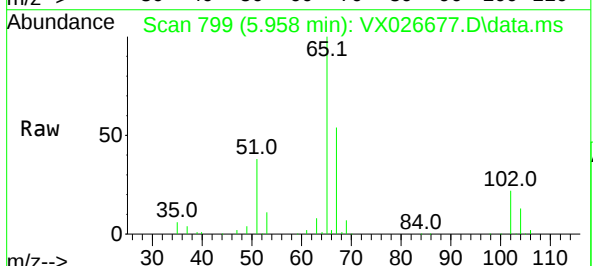


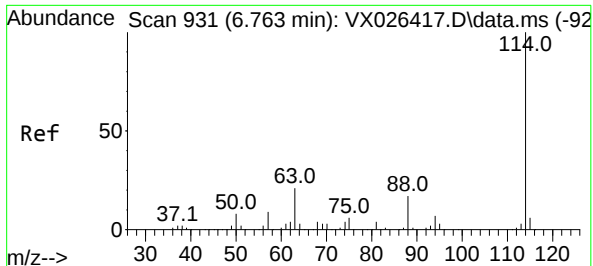
Tgt Ion: 56 Resp: 2808
Ion Ratio Lower Upper
56 100
69 178.8 25.8 38.6#
84 140.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.626 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion: 65 Resp: 87984
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8

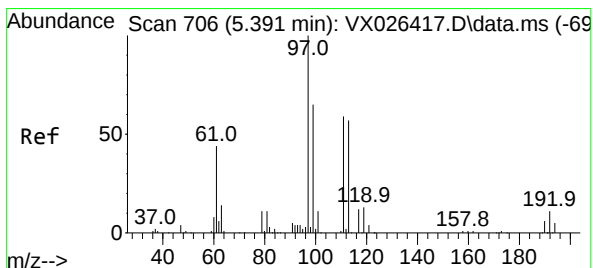
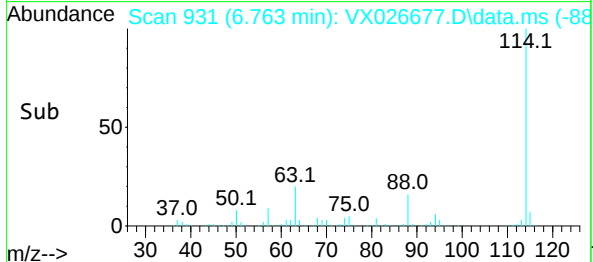
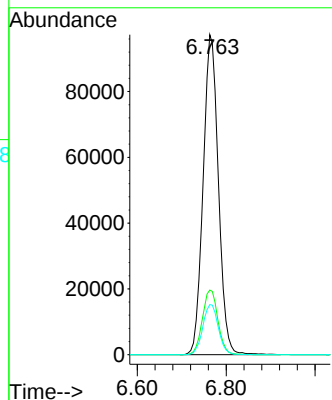
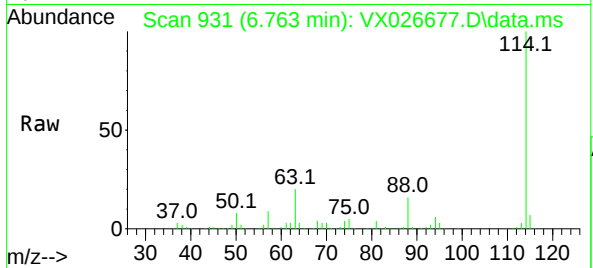




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

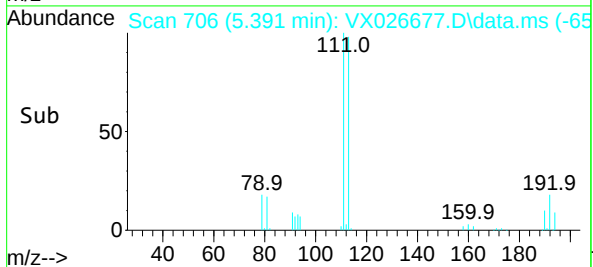
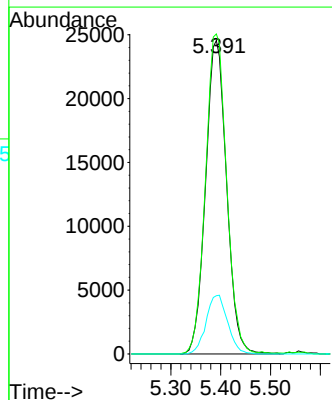
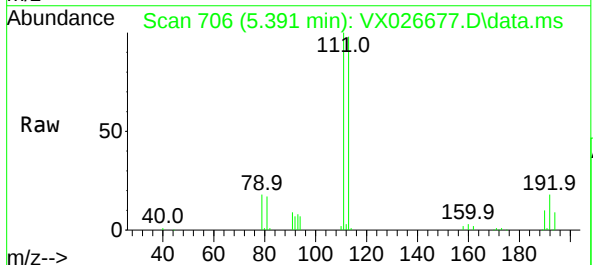
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

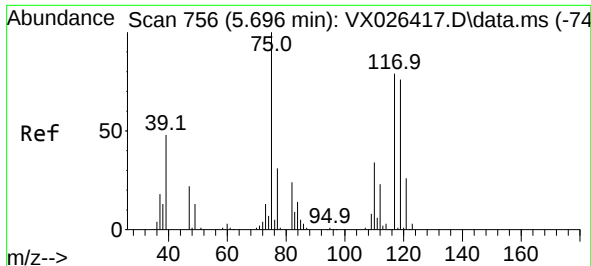
Tgt Ion:114 Resp: 233027
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 15.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.739 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion:113 Resp: 71839
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.2 15.0 22.4

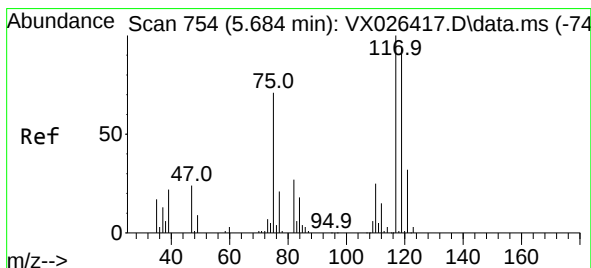
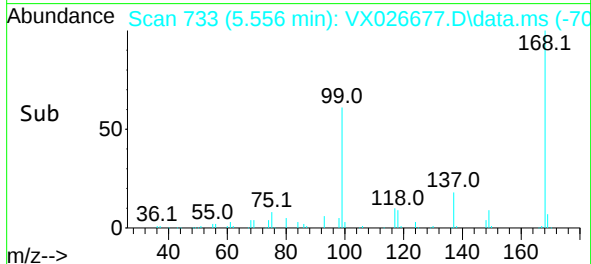
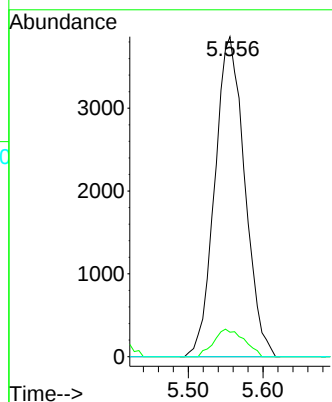
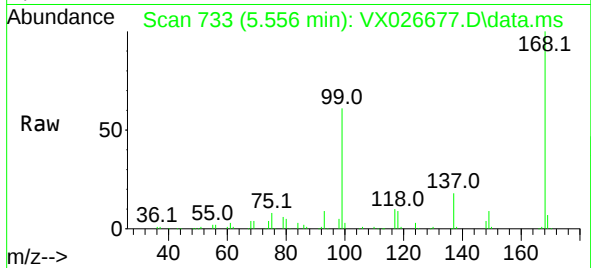




#36
1,1-Dichloropropene
Concen: 4.519 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

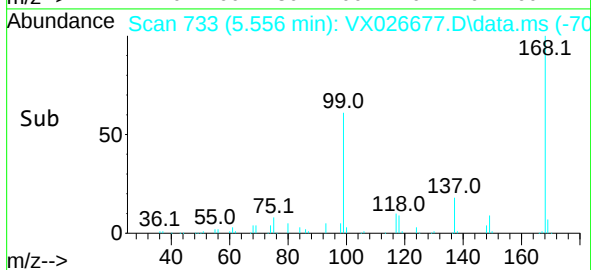
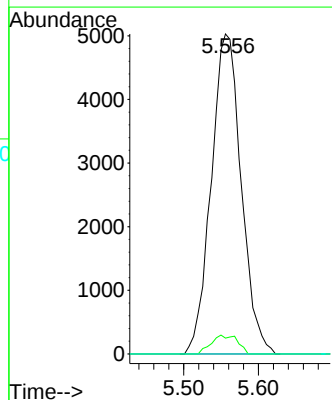
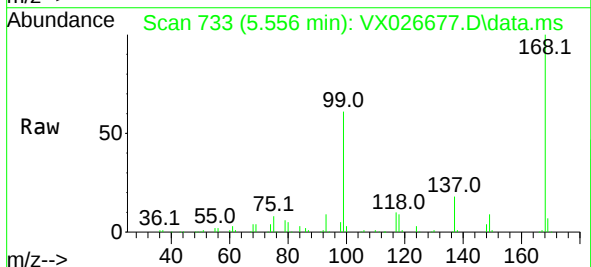
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

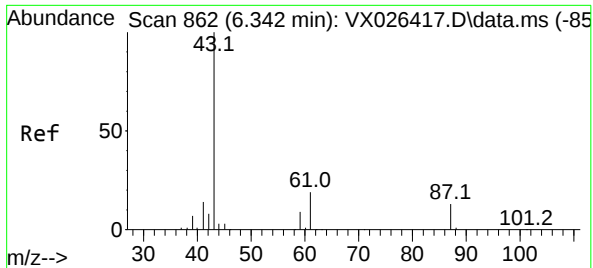
Tgt Ion: 75 Resp: 10735
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion: 117 Resp: 14028
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#

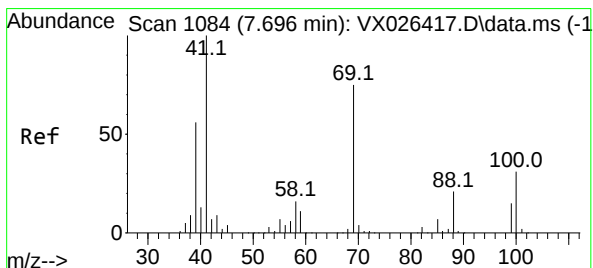
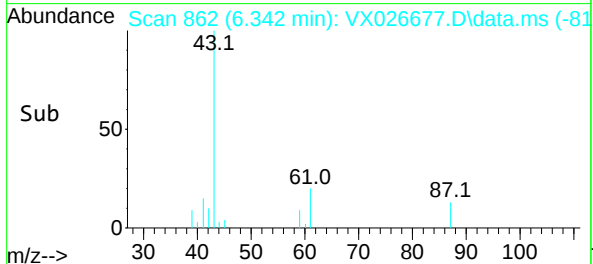
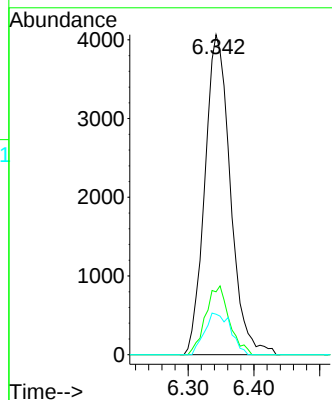
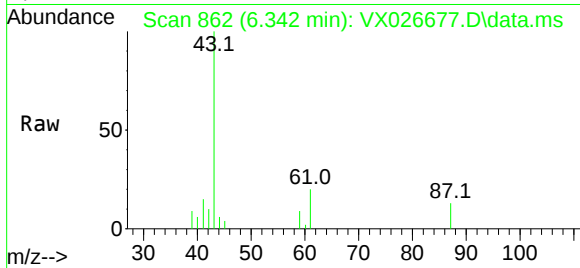




#43
Isopropyl Acetate
Concen: 2.825 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

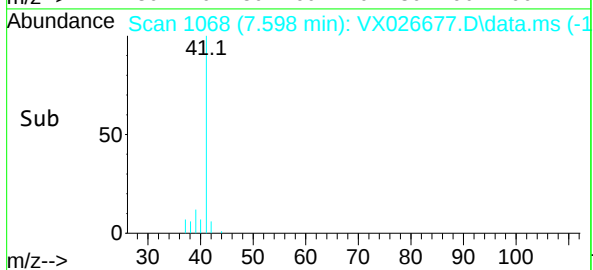
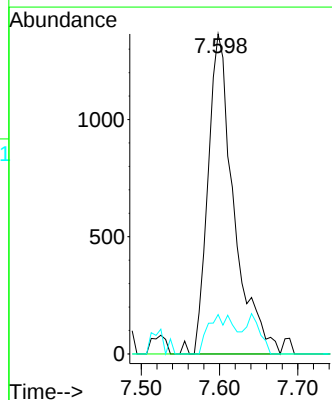
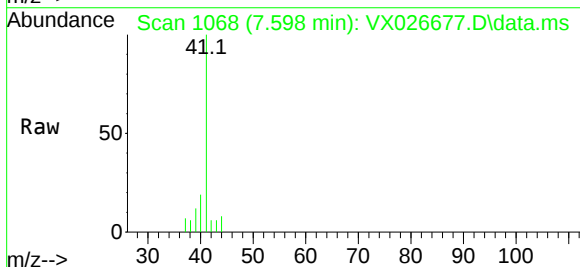
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

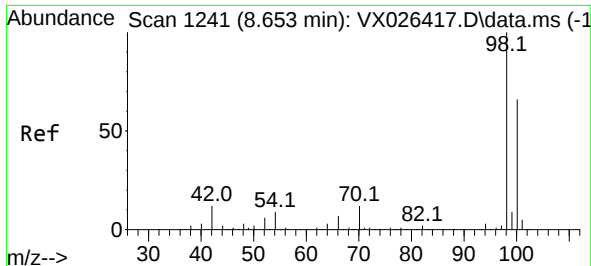
Tgt Ion: 43 Resp: 10966
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 13.3 10.2 15.2



#48
Methyl methacrylate
Concen: 1.624 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion: 41 Resp: 3124
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

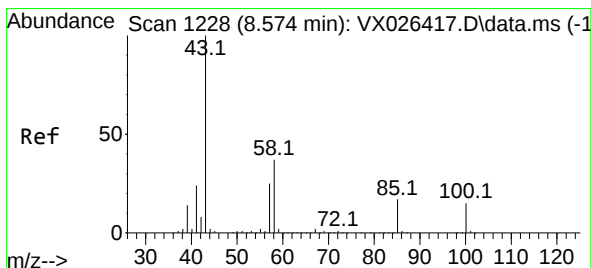
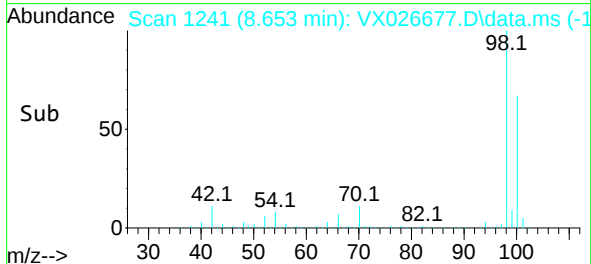
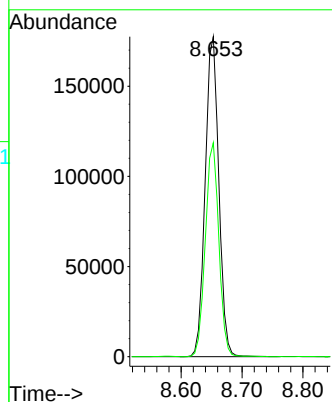
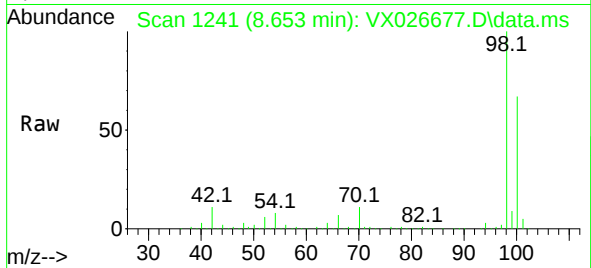




#50
Toluene-d8
Concen: 50.888 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

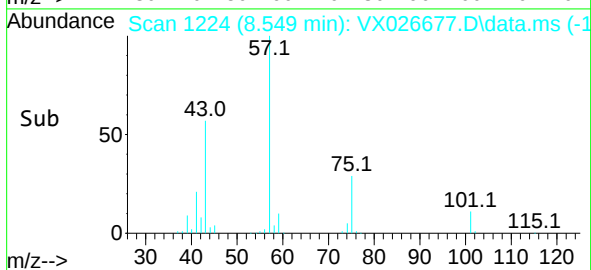
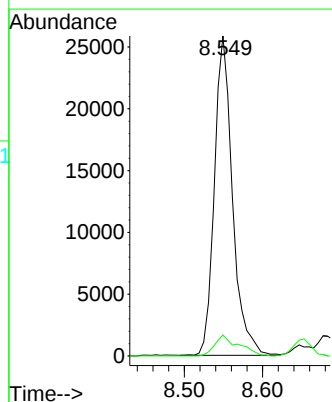
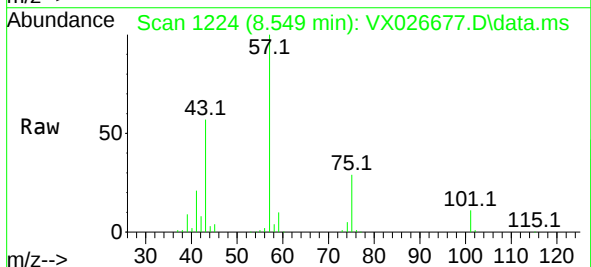
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

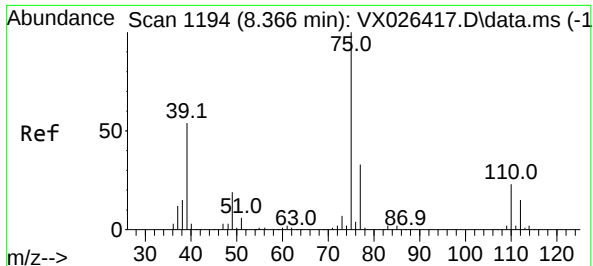
Tgt Ion: 98 Resp: 275953
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 18.027 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion: 43 Resp: 41506
Ion Ratio Lower Upper
43 100
58 8.6 30.5 45.7#

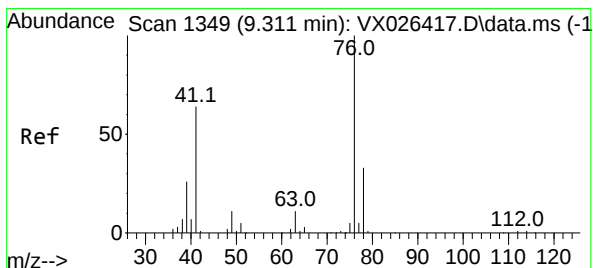
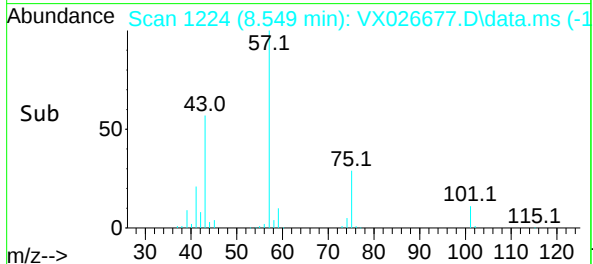
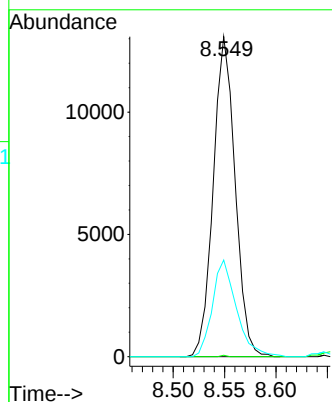
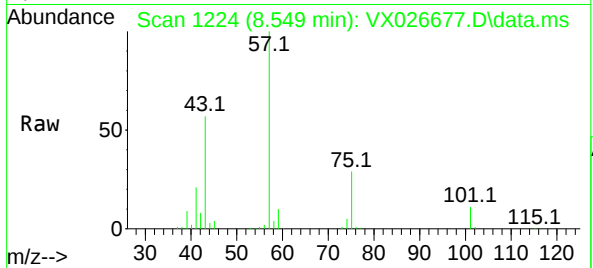




#54
 cis-1,3-Dichloropropene
 Concen: 7.707 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026677.D
 Acq: 31 Jan 2022 13:59

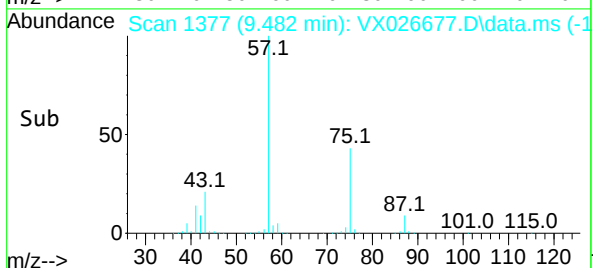
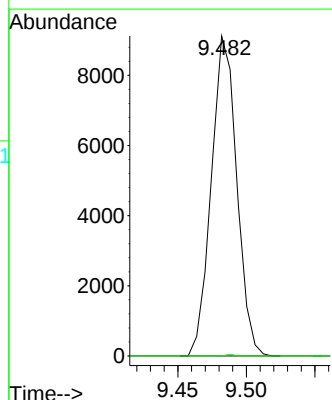
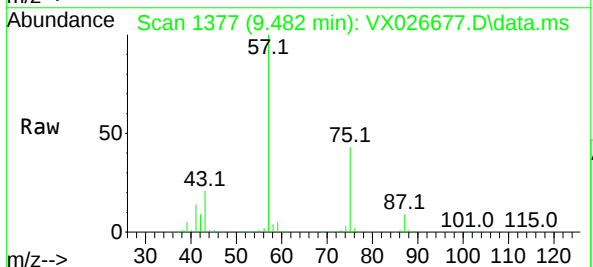
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369TB

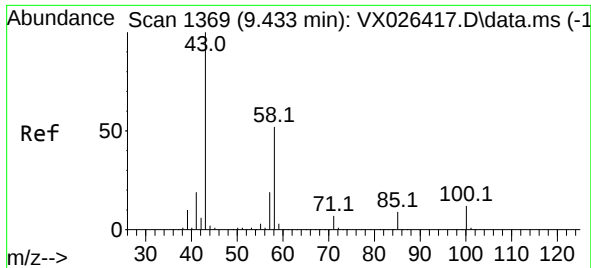
Tgt Ion: 75 Resp: 19324
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.2 39.2#
 39 30.2 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.321 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026677.D
 Acq: 31 Jan 2022 13:59

Tgt Ion: 76 Resp: 11772
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.7 38.5#

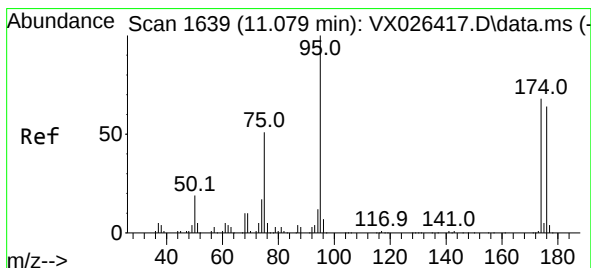
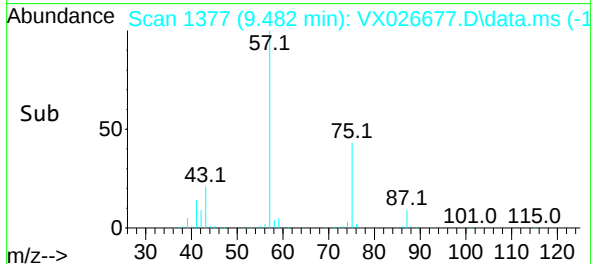
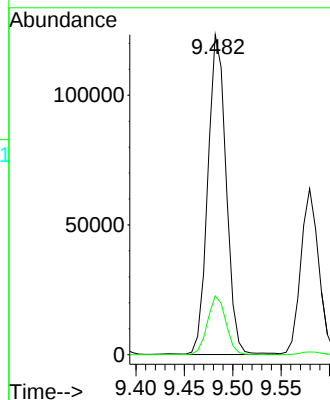
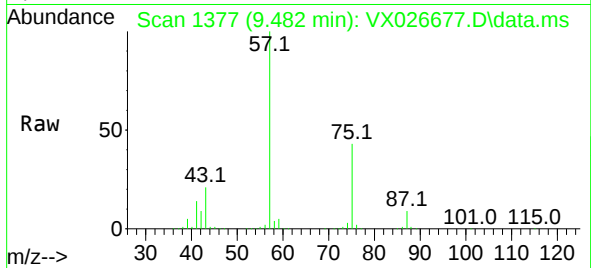




#59
2-Hexanone
Concen: 92.231 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

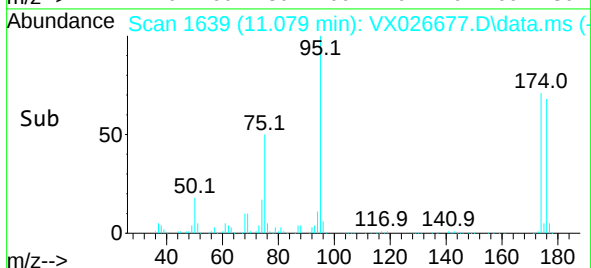
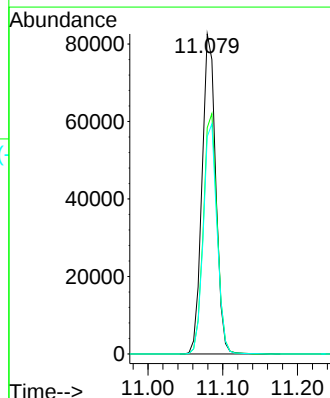
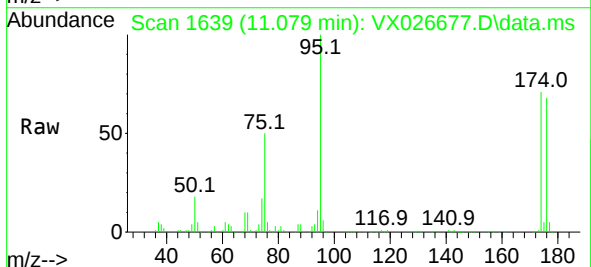
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

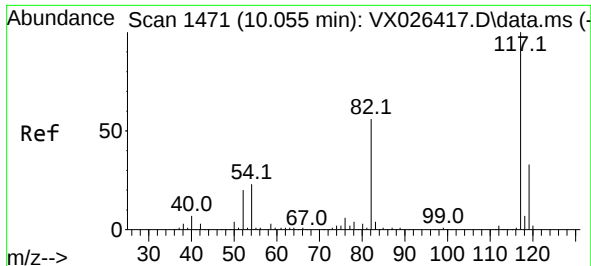
Tgt Ion: 43 Resp: 162531
Ion Ratio Lower Upper
43 100
58 18.5 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 54.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion: 95 Resp: 105027
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.6
176 72.4 0.0 141.4

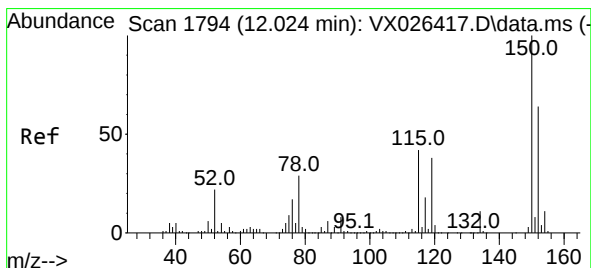
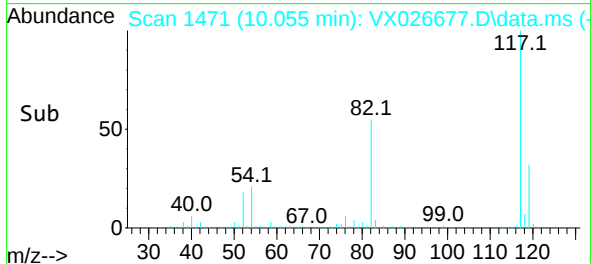
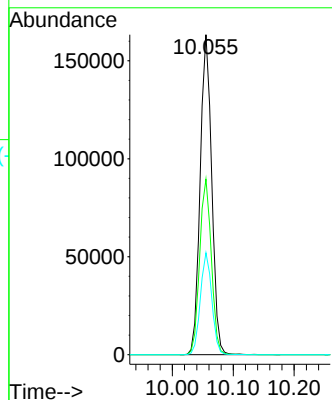
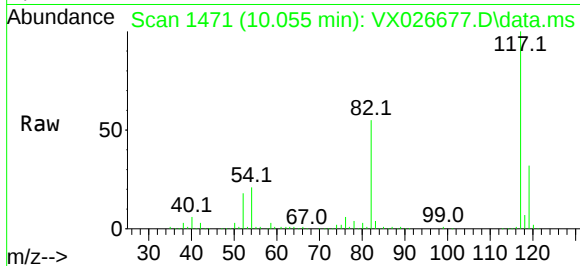




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

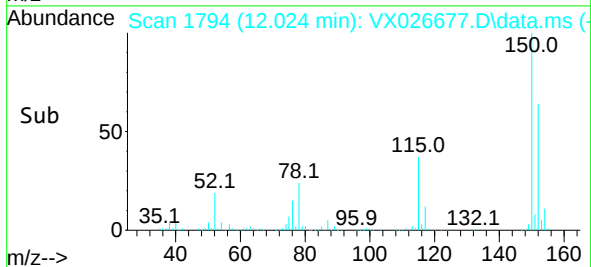
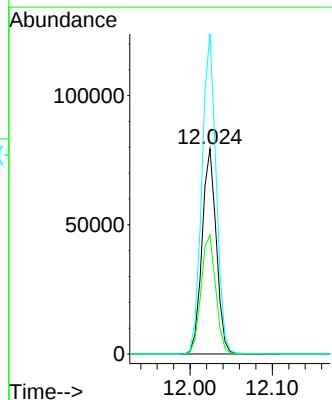
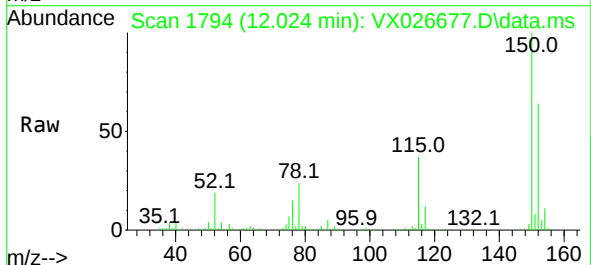
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

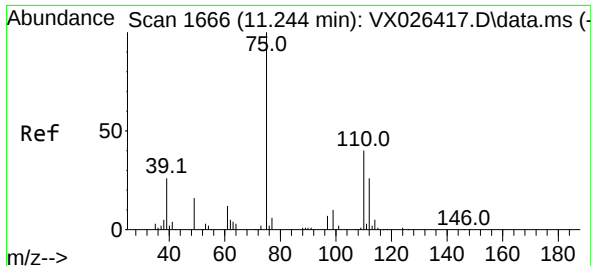
Tgt Ion:117 Resp: 214644
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion:152 Resp: 95889
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 156.5 0.0 348.2

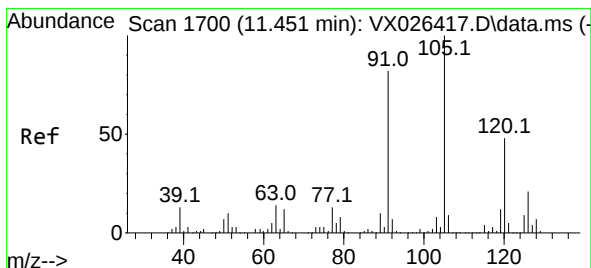
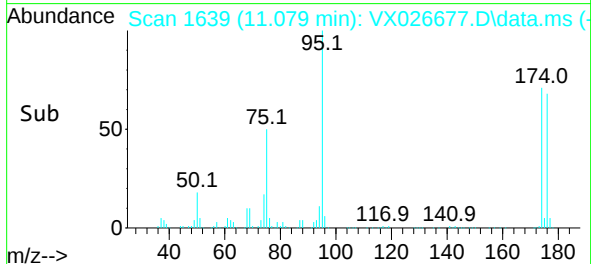
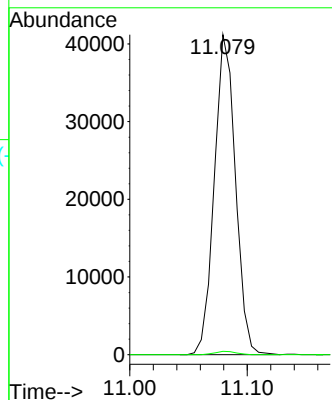
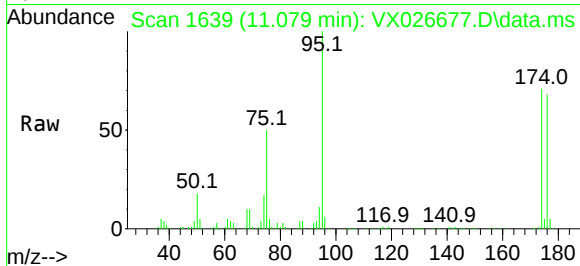




#76
1,2,3-Trichloropropane
Concen: 24.394 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.165 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

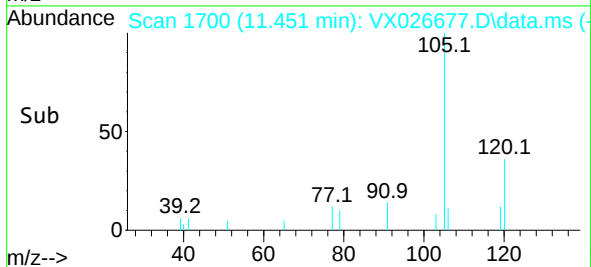
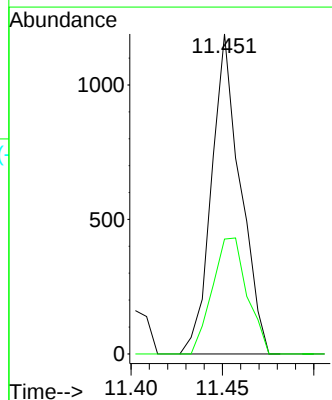
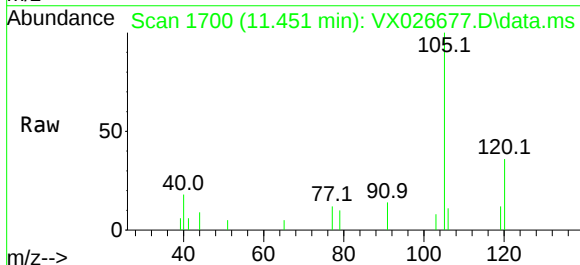
Instrument :
MSVOA_X
ClientSampleId :
PB142369TB

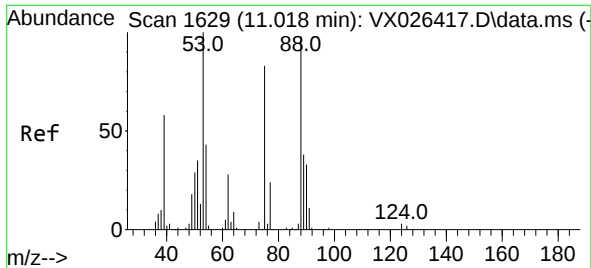
Tgt Ion: 75 Resp: 51503
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.202 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026677.D
Acq: 31 Jan 2022 13:59

Tgt Ion: 105 Resp: 1307
Ion Ratio Lower Upper
105 100
120 43.7 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.270 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026677.D
 Acq: 31 Jan 2022 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369TB

Tgt Ion: 75 Resp: 51503
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

