

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031846.D
 Acq On : 03 Oct 2022 20:12
 Operator : JC/MD
 Sample : N4864-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 07:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

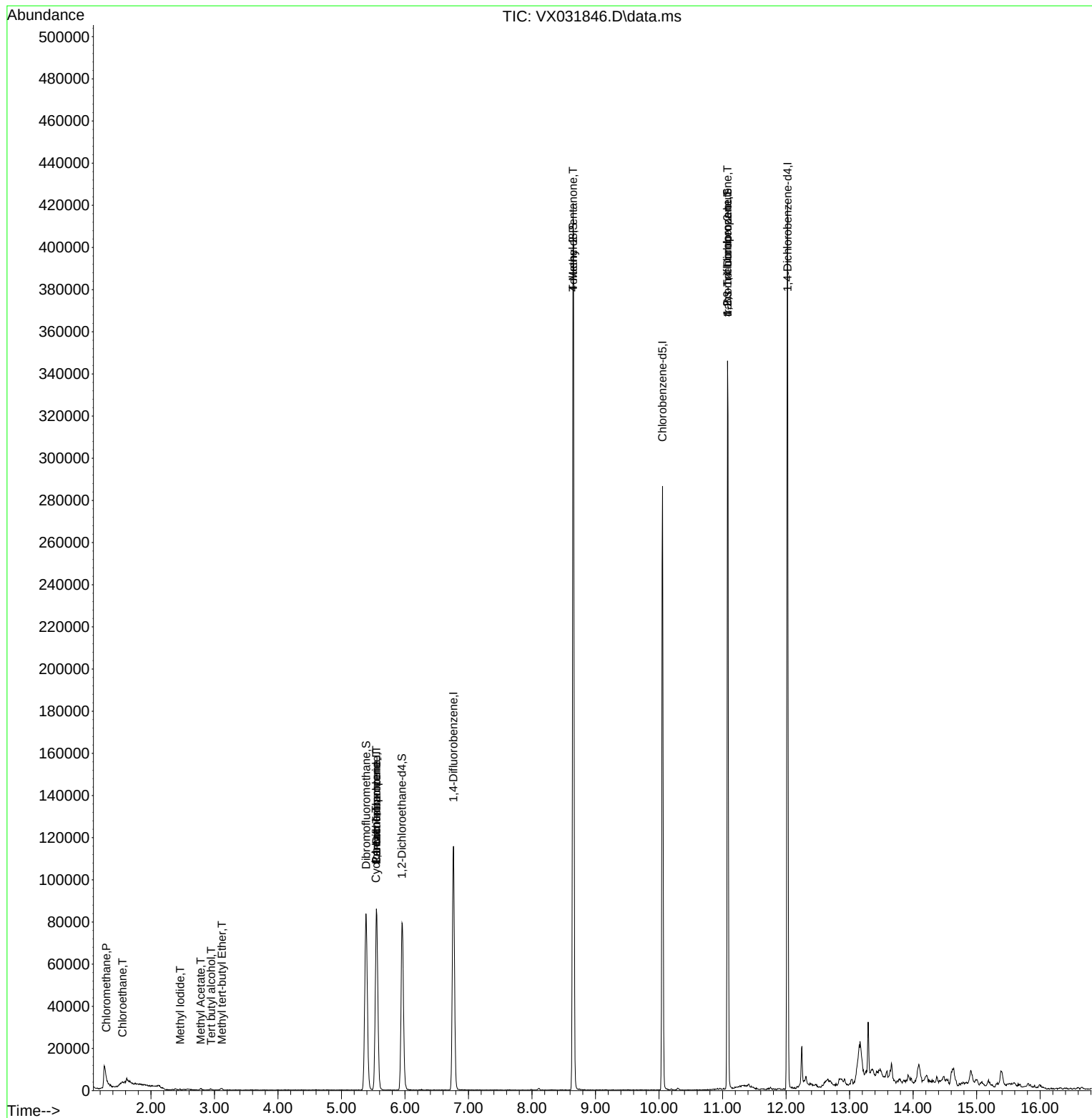
Internal Standards						
1) Pentafluorobenzene	5.550	168	85072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75774	49.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	5.385	113	70970	47.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	8.647	98	260634	48.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	89773	46.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	602	0.522	ug/l #	41
5) Bromomethane	1.618	94	452	Below Cal	#	72
6) Chloroethane	1.550	64	4626	2.277	ug/l #	53
10) Methyl Iodide	2.459	142	252	0.207	ug/l #	81
11) Tert butyl alcohol	2.947	59	249	1.173	ug/l #	73
16) Acetone	2.386	43	751	Below Cal		91
17) Carbon Disulfide	2.508	76	417	Below Cal	#	75
18) Methyl Acetate	2.782	43	332	0.233	ug/l #	52
19) Methyl tert-butyl Ether	3.117	73	889	0.230	ug/l	93
31) Cyclohexane	5.544	56	1113	0.613	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5660	3.025	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8397	3.615	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	832	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44741	26.443	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44741	90.777	ug/l #	11

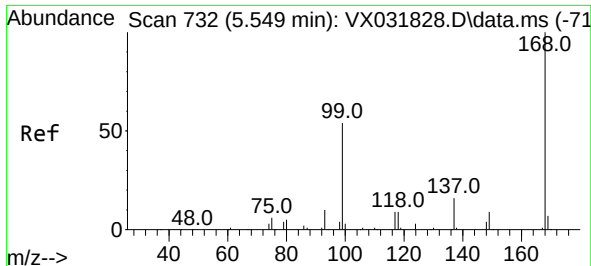
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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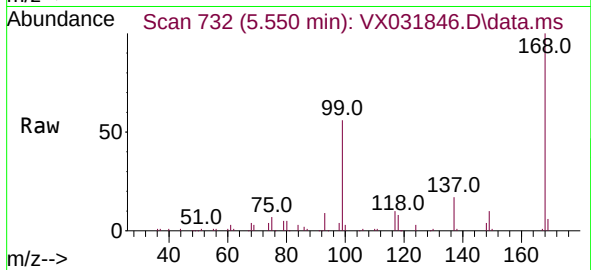
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration



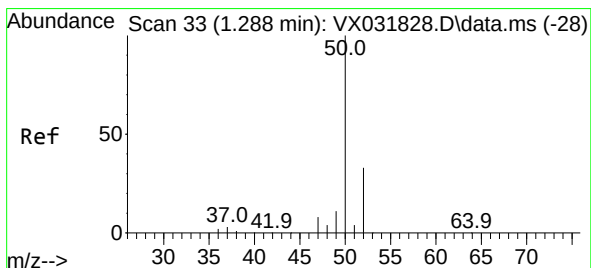
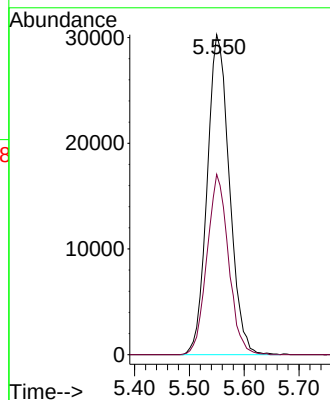
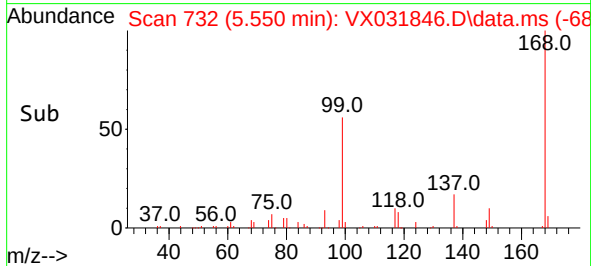


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :

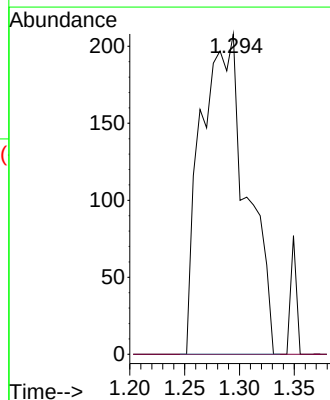
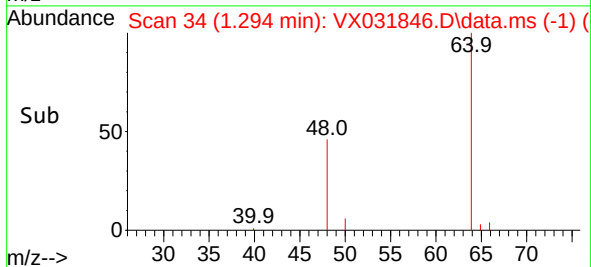
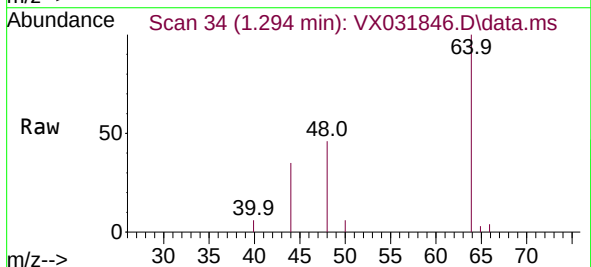


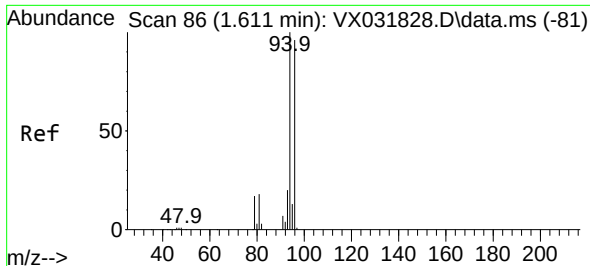
Tgt Ion:168 Resp: 85072
Ion Ratio Lower Upper
168 100
99 56.4 48.8 73.2



#3
Chloromethane
Concen: 0.522 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Tgt Ion: 50 Resp: 602
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

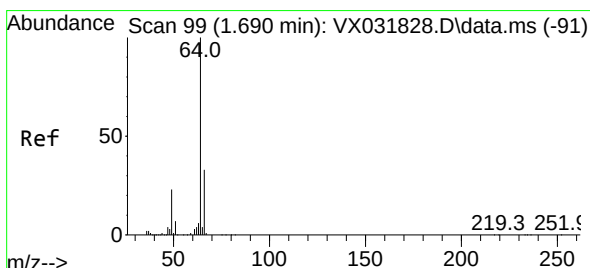
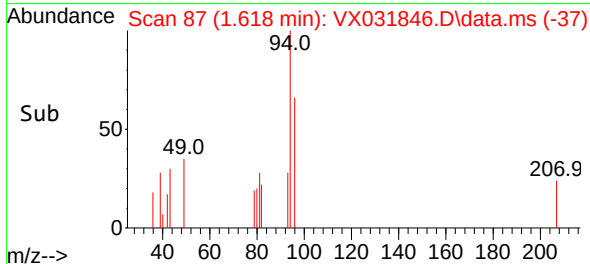
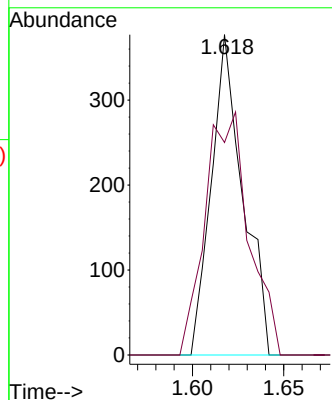
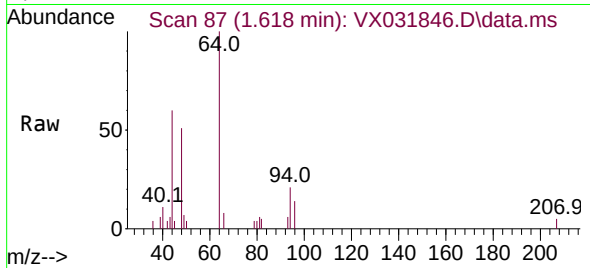




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

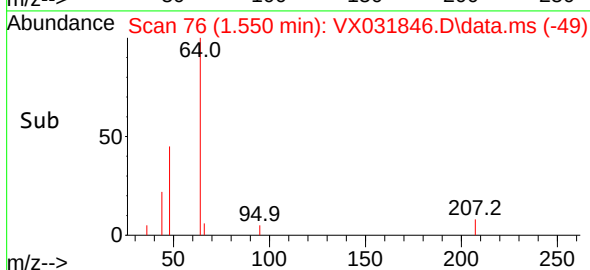
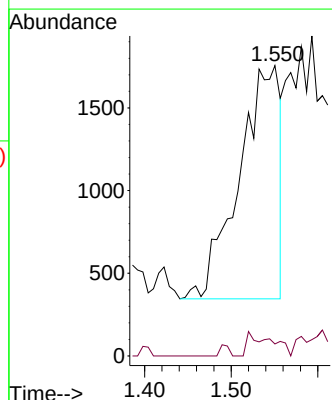
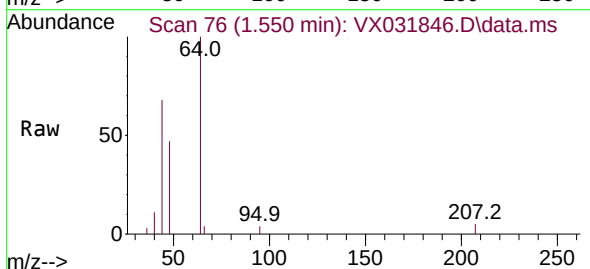
Instrument :
MSVOA_X
ClientSampleId :

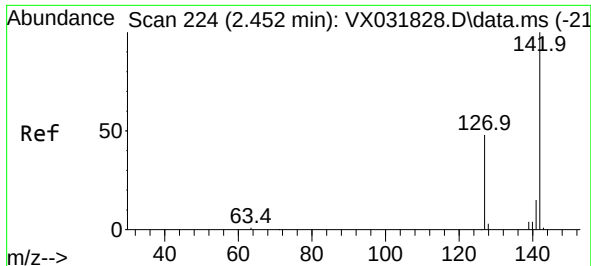
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 66.3 74.4 111.6#



#6
Chloroethane
Concen: 2.277 ug/l
RT: 1.550 min Scan# 76
Delta R.T. -0.135 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

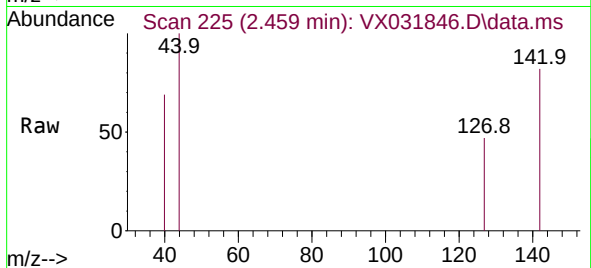
Tgt Ion: 64 Resp: 4626
Ion Ratio Lower Upper
64 100
66 5.2 25.0 37.4#



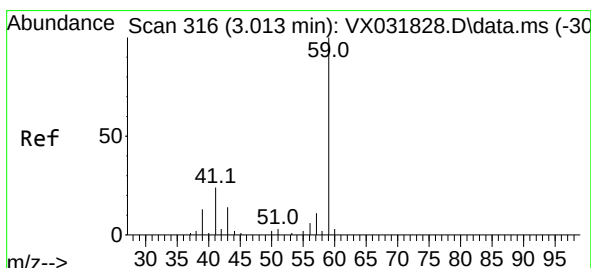
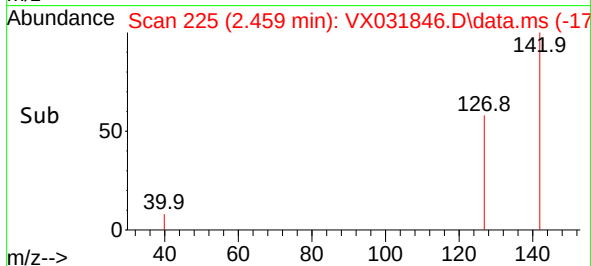
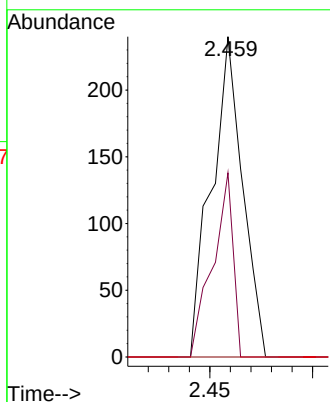


#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :

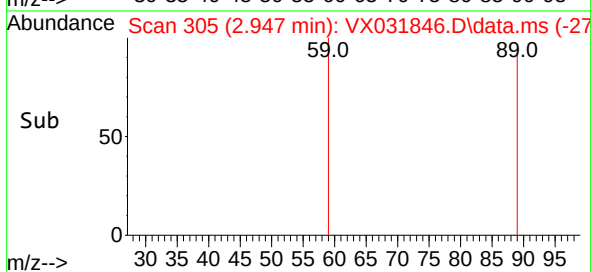
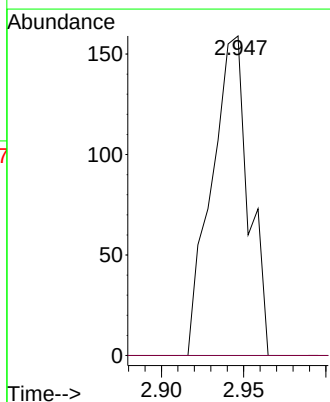
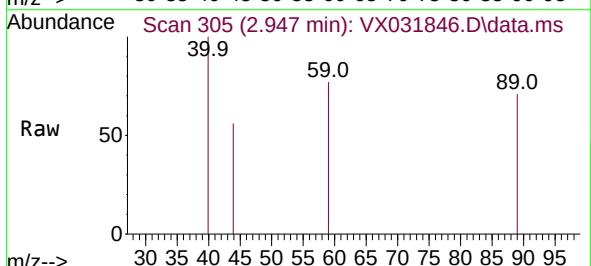


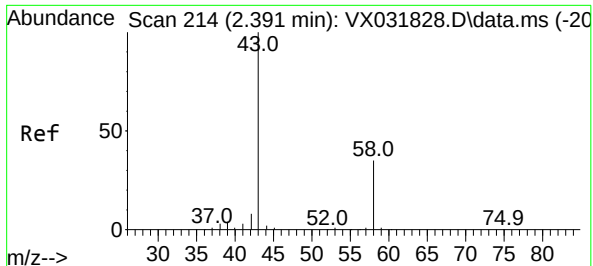
Tgt Ion:142 Resp: 252
Ion Ratio Lower Upper
142 100
127 37.7 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.173 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.134 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

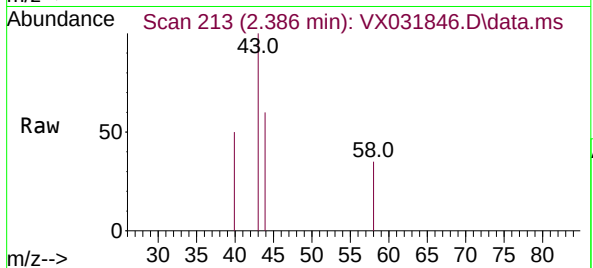
Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



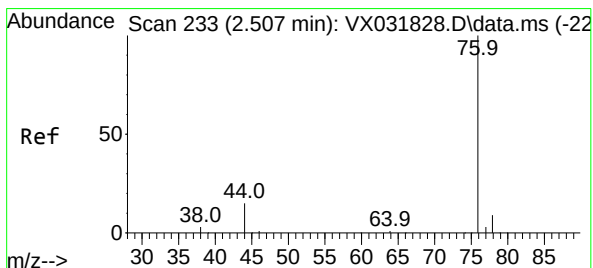
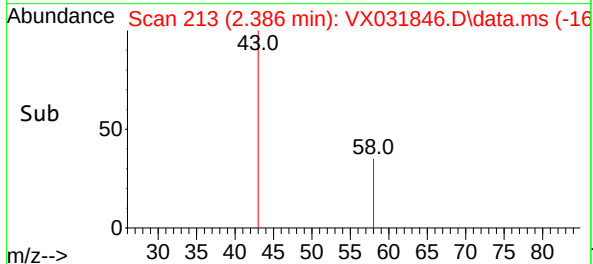
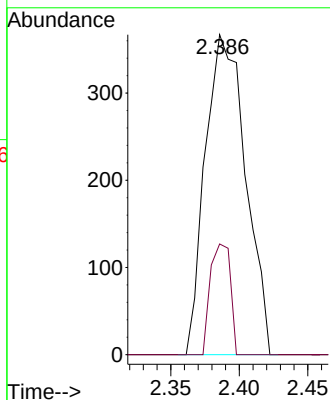


#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :

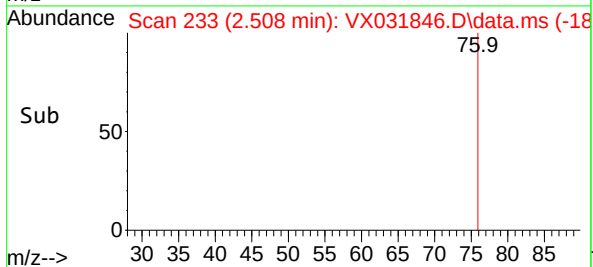
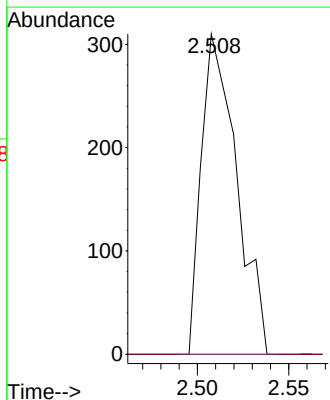
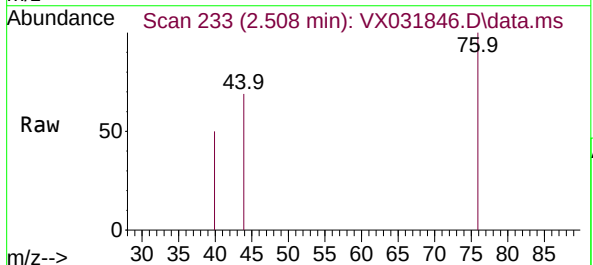


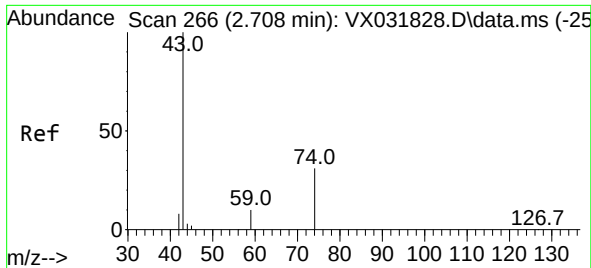
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 34.6 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Tgt Ion: 76 Resp: 417
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

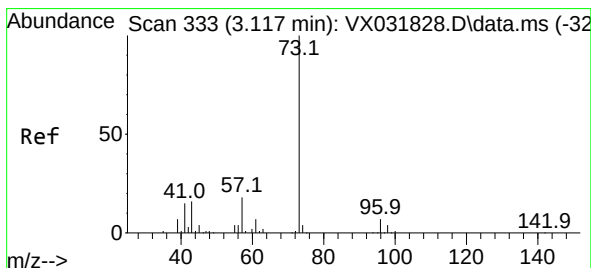
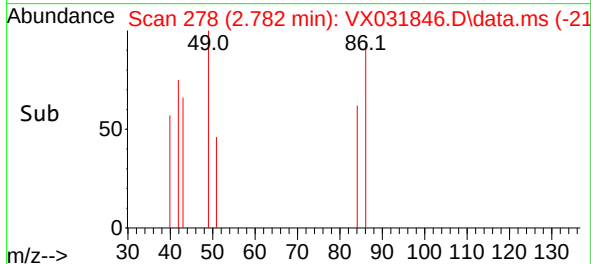
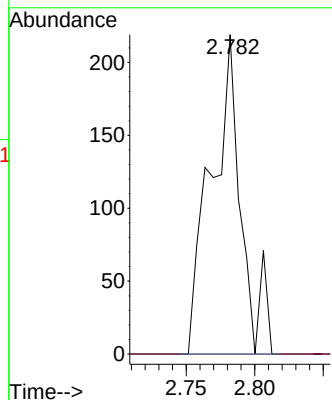
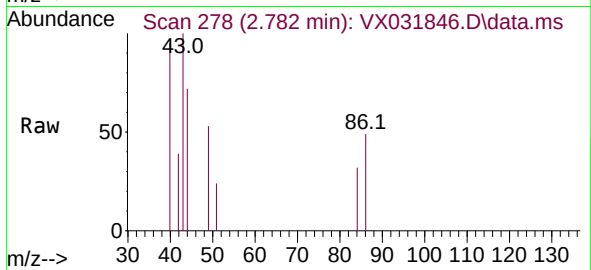




#18
Methyl Acetate
Concen: 0.233 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.073 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

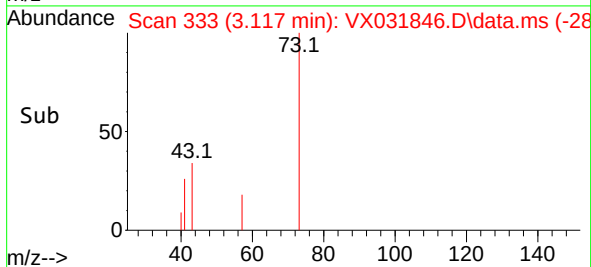
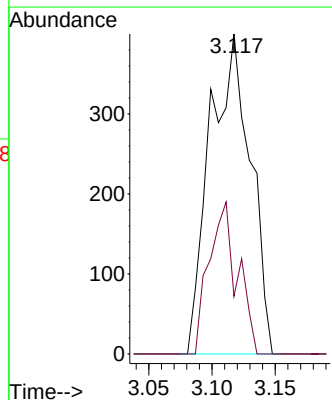
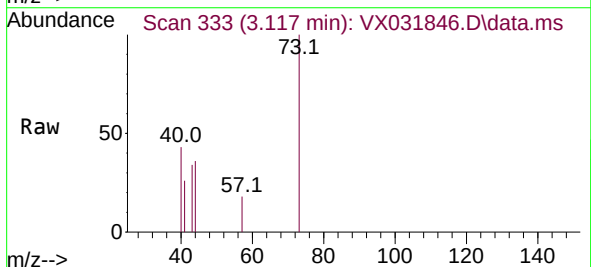
Instrument :
MSVOA_X
ClientSampleId :

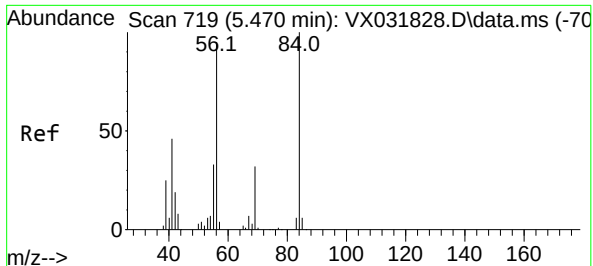
Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#19
Methyl tert-butyl Ether
Concen: 0.230 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

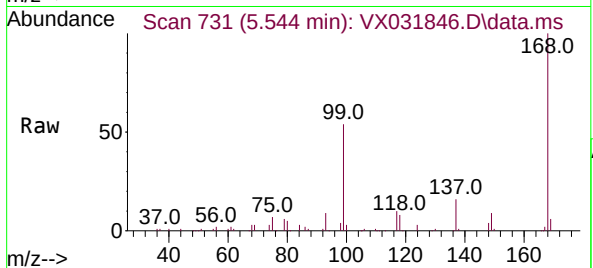
Tgt Ion: 73 Resp: 889
Ion Ratio Lower Upper
73 100
57 18.0 17.2 25.8



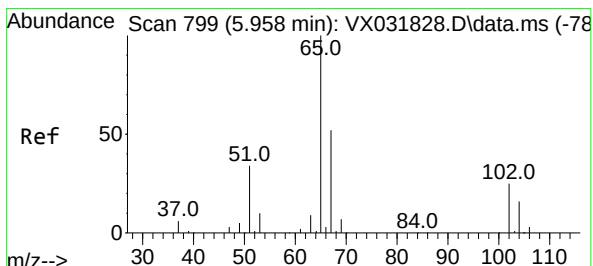
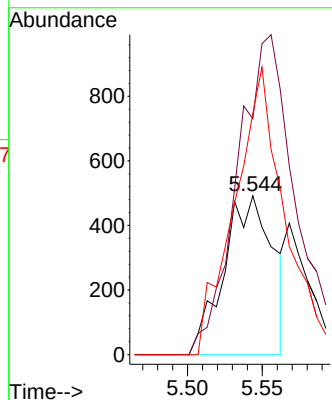
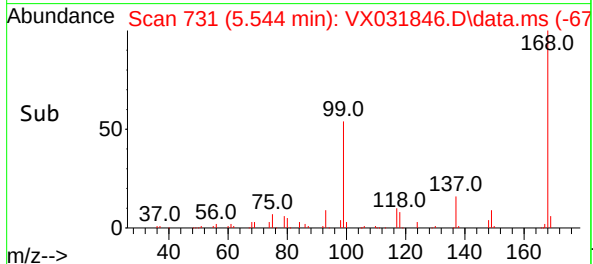


#31
Cyclohexane
Concen: 0.613 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :

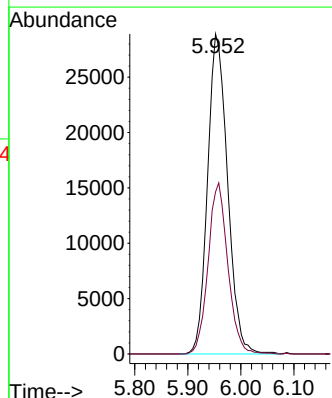
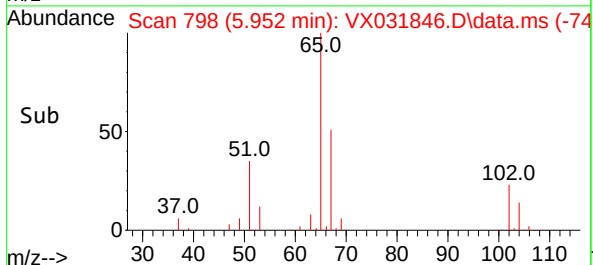
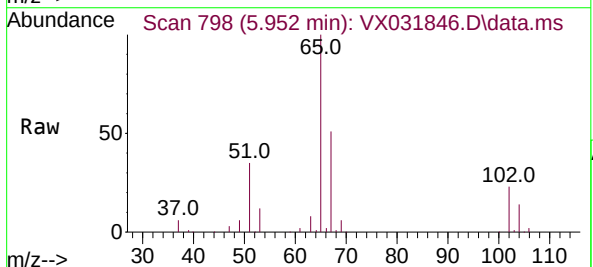


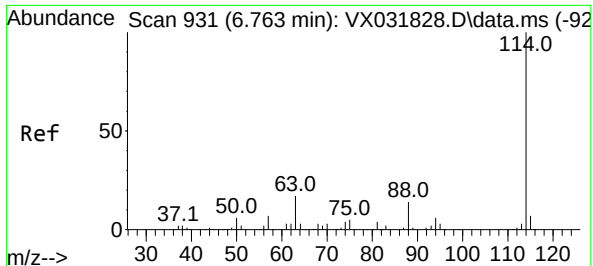
Tgt Ion: 56 Resp: 1113
Ion Ratio Lower Upper
56 100
69 148.6 25.1 37.7#
84 152.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 49.717 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Tgt Ion: 65 Resp: 75774
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

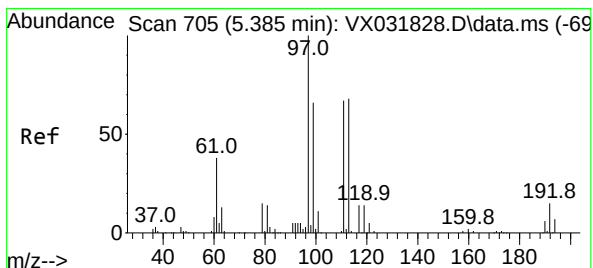
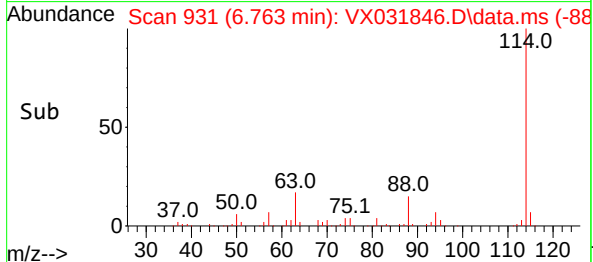
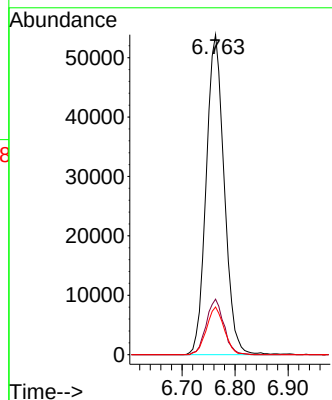
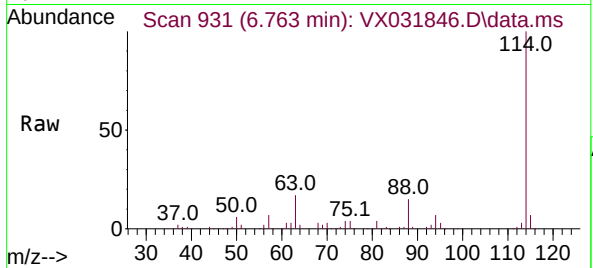




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX031846.D
 Acq: 03 Oct 2022 20:12

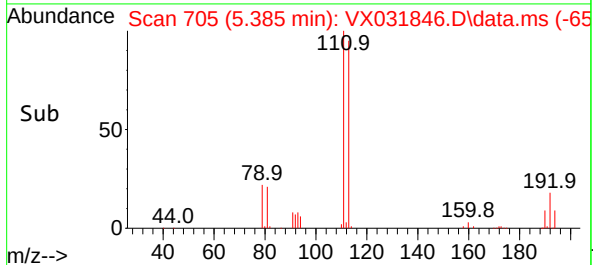
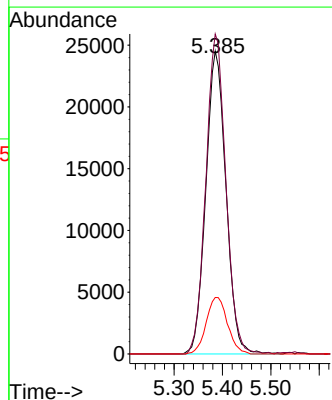
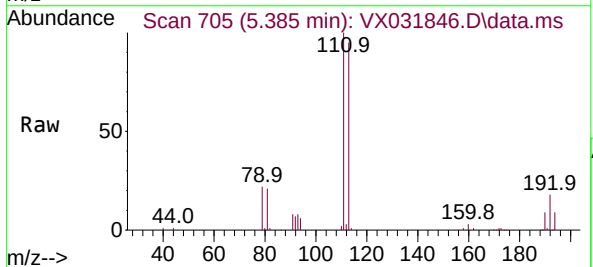
Instrument :
 MSVOA_X
 ClientSampleId :

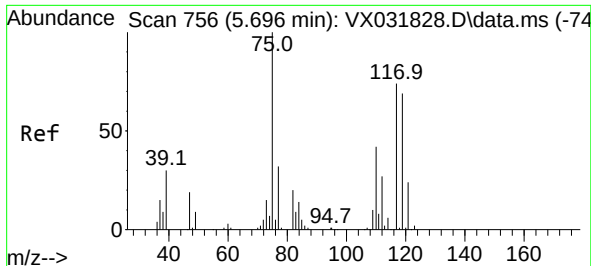
Tgt Ion:	114	Resp:	126994
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	42.6
88	14.9	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 47.037 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX031846.D
 Acq: 03 Oct 2022 20:12

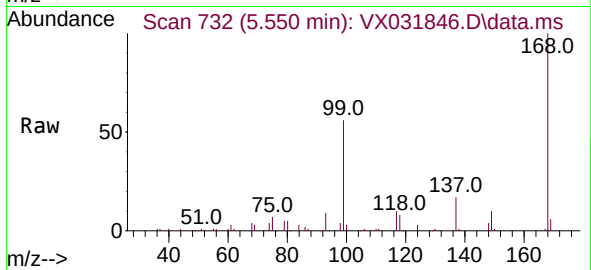
Tgt Ion:	113	Resp:	70970
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.4	123.6
192	19.7	14.1	21.1



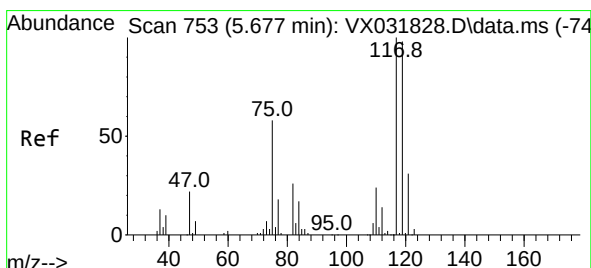
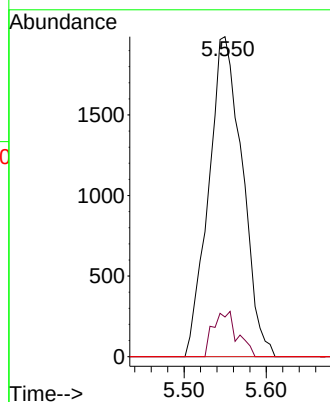
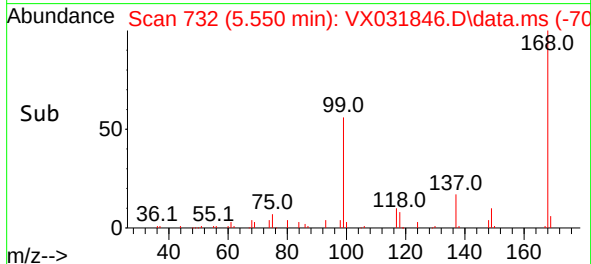


#36
1,1-Dichloropropene
Concen: 3.025 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :

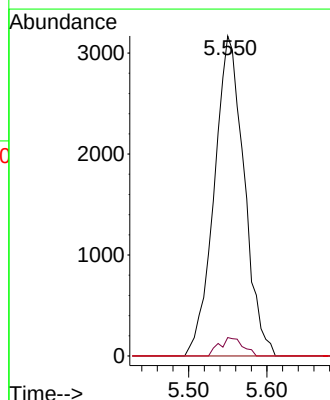
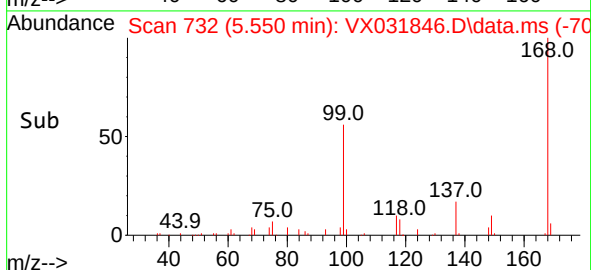
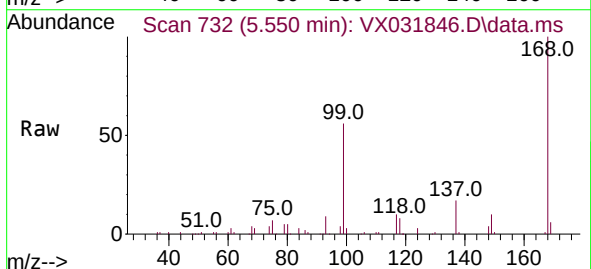


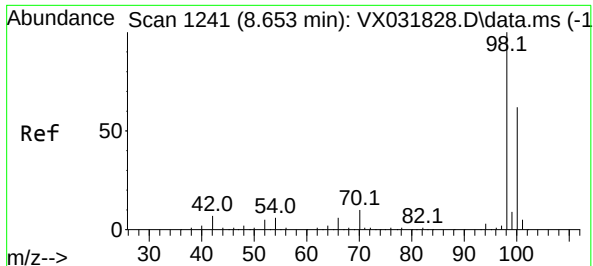
Tgt Ion: 75 Resp: 5660
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.615 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031846.D
Acq: 03 Oct 2022 20:12

Tgt Ion: 117 Resp: 8397
Ion Ratio Lower Upper
117 100
119 5.8 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 48.287 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031846.D

Acq: 03 Oct 2022 20:12

Instrument :

MSVOA_X

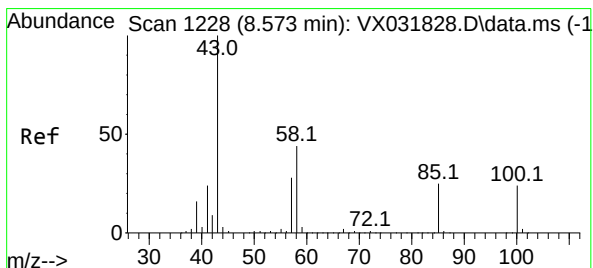
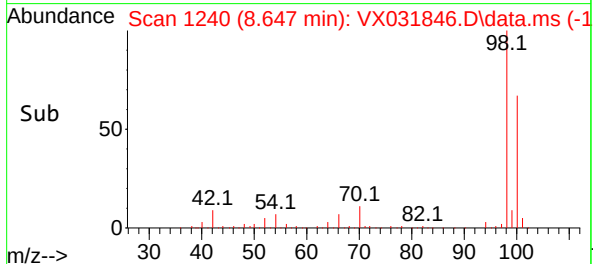
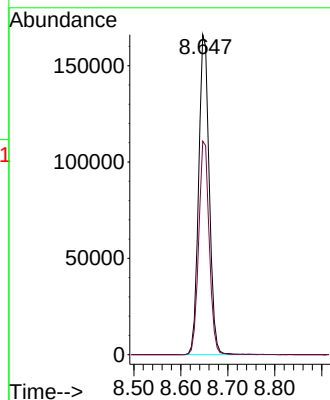
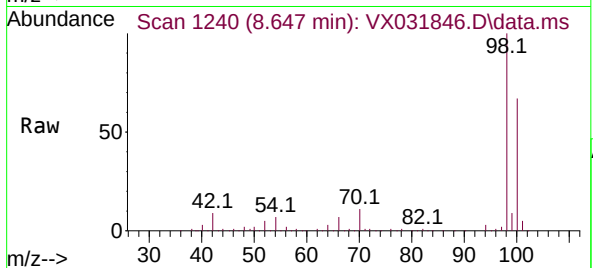
ClientSampleId :

Tgt Ion: 98 Resp: 260634

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031846.D

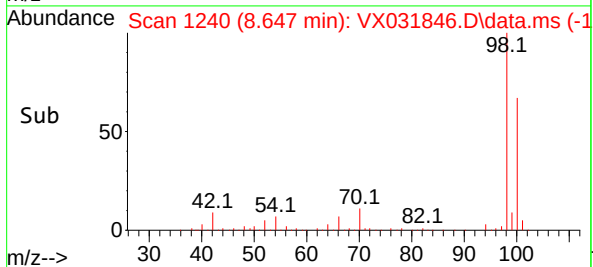
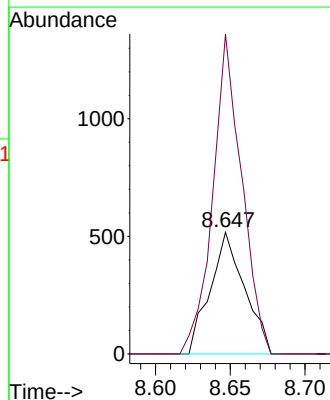
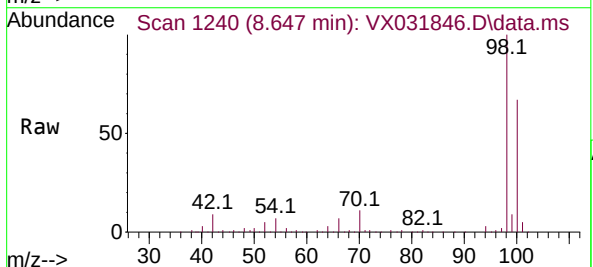
Acq: 03 Oct 2022 20:12

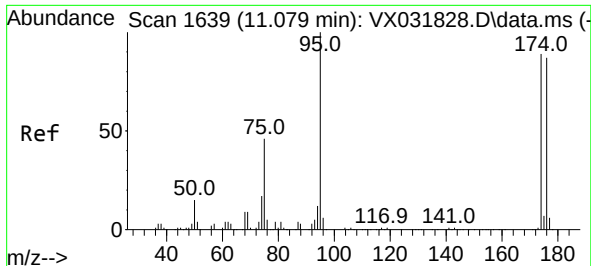
Tgt Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

58 220.4 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 46.186 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031846.D

Acq: 03 Oct 2022 20:12

Instrument :

MSVOA_X

ClientSampleId :

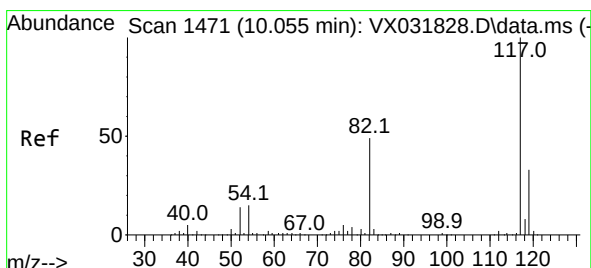
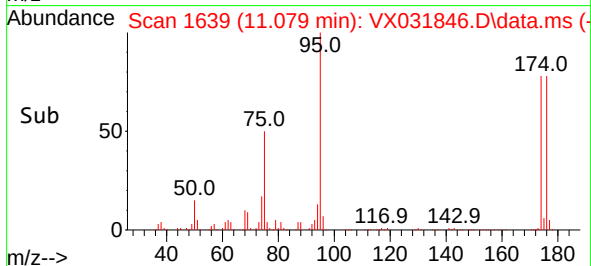
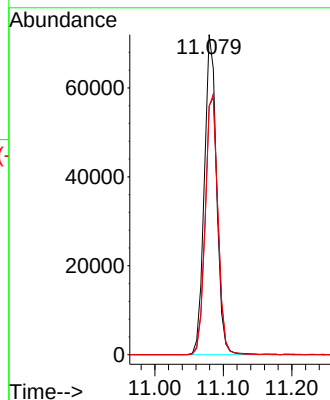
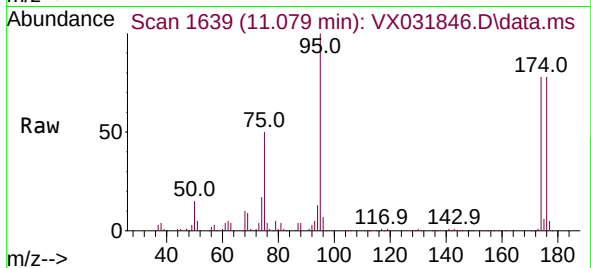
Tgt Ion: 95 Resp: 89773

Ion Ratio Lower Upper

95 100

174 83.8 0.0 153.2

176 83.3 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031846.D

Acq: 03 Oct 2022 20:12

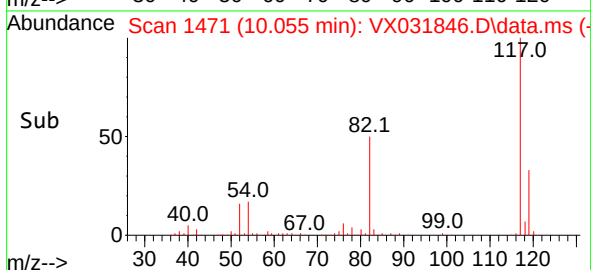
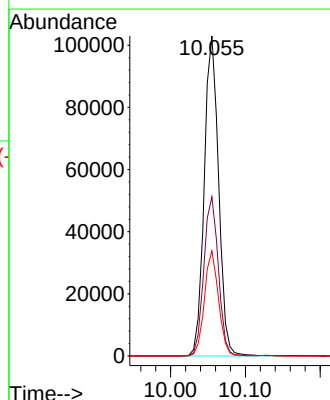
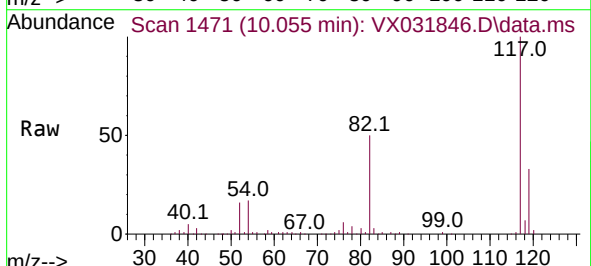
Tgt Ion: 117 Resp: 137449

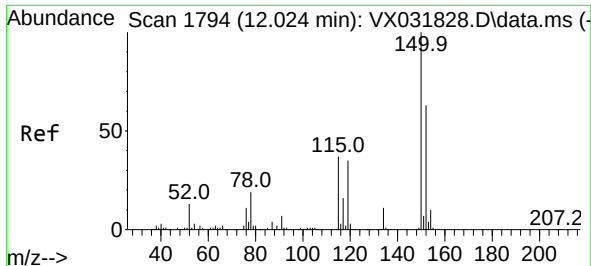
Ion Ratio Lower Upper

117 100

82 49.7 46.8 70.2

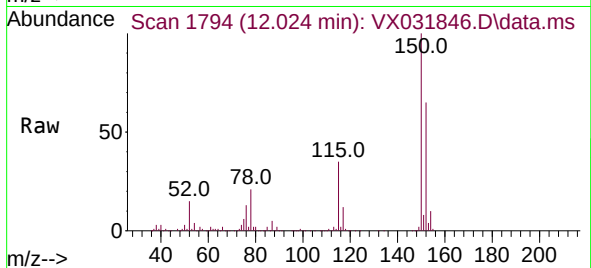
119 32.9 26.4 39.6



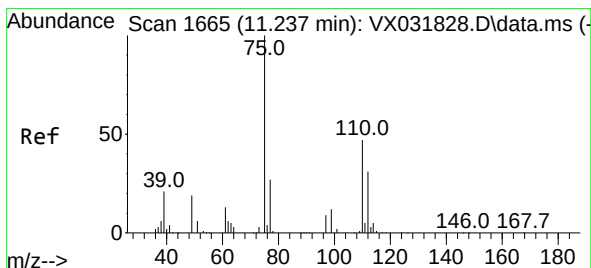
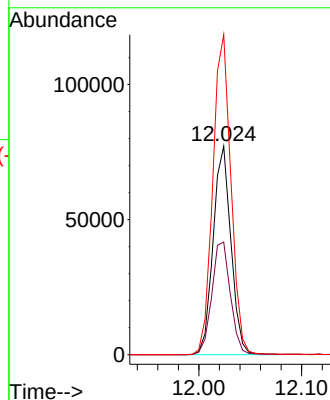
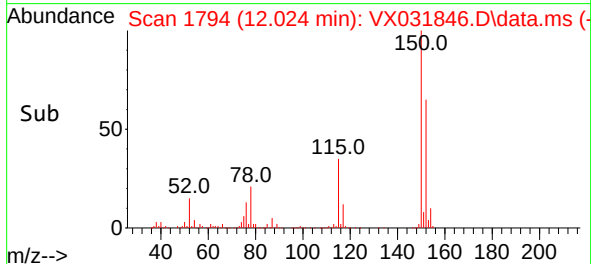


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031846.D
 Acq: 03 Oct 2022 20:12

Instrument :
 MSVOA_X
 ClientSampleId :

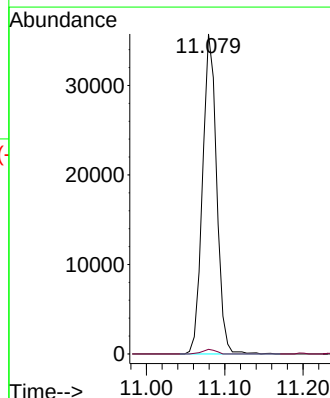
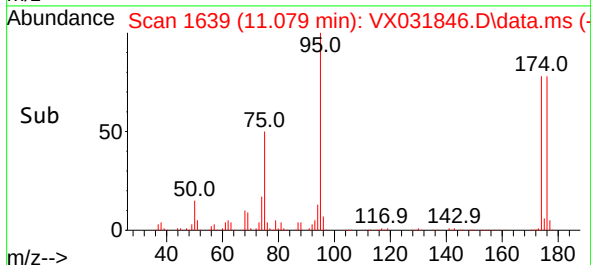
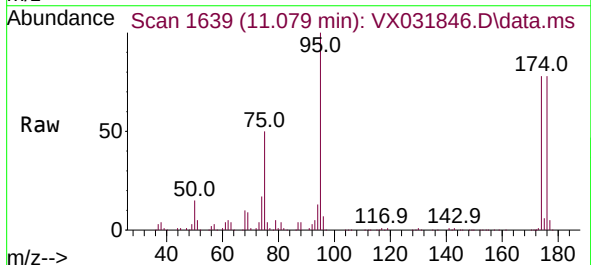


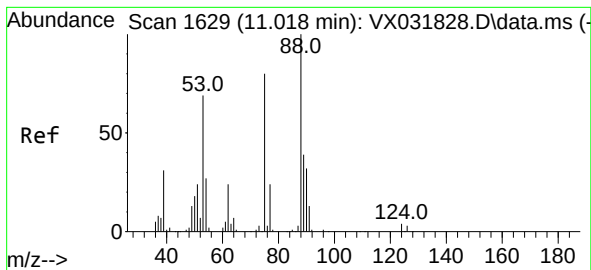
Tgt Ion:152 Resp: 92995
 Ion Ratio Lower Upper
 152 100
 115 56.7 43.4 130.1
 150 156.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 26.443 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031846.D
 Acq: 03 Oct 2022 20:12

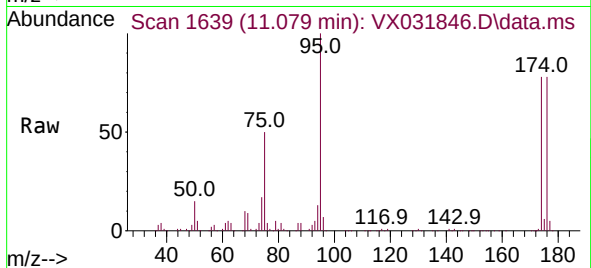
Tgt Ion: 75 Resp: 44741
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.777 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031846.D
 Acq: 03 Oct 2022 20:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44741
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.1 37.4 56.0#

