

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030858.D
 Acq On : 27 Aug 2022 09:23
 Operator : JC/MD
 Sample : N4281-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-20220819

Quant Time: Aug 27 22:22:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

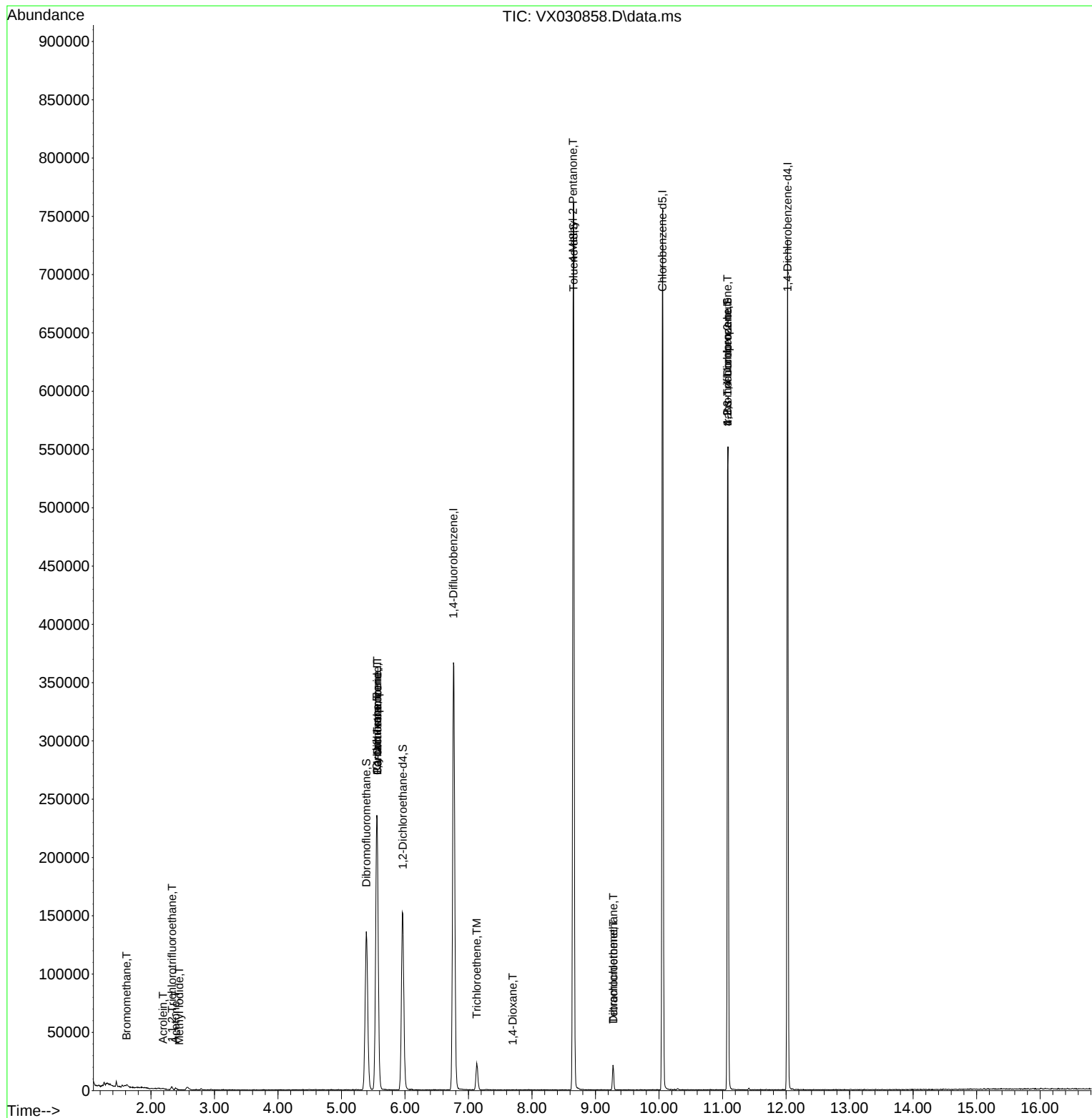
Internal Standards						
1) Pentafluorobenzene	5.562	168	221727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	380034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	148095	56.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.560%
35) Dibromofluoromethane	5.391	113	119883	51.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	8.653	98	451253	55.444	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.880%
62) 4-Bromofluorobenzene	11.079	95	150019	49.510	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.020%
Target Compounds						Qvalue
3) Chloromethane	1.288	50	370	Below Cal	#	77
4) Vinyl Chloride	1.569	62	30	Below Cal	#	43
5) Bromomethane	1.617	94	270	0.261	ug/l #	60
6) Chloroethane	1.666	64	49	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	749	0.347	ug/l	90
10) Methyl Iodide	2.447	142	19	4.039	ug/l #	45
13) Acrolein	2.191	56	59	10.165	ug/l #	78
16) Acetone	2.386	43	1613	1.338	ug/l	98
17) Carbon Disulfide	2.520	76	128	Below Cal	#	74
20) Methylene Chloride	2.788	84	452	Below Cal		93
31) Cyclohexane	5.556	56	4516	1.354	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17955	5.645	ug/l #	47
38) Carbon Tetrachloride	5.562	117	23055	6.872	ug/l #	16
44) Trichloroethene	7.129	130	8615	3.134	ug/l	88
49) 1,4-Dioxane	7.696	88	50	0.716	ug/l #	25
51) 4-Methyl-2-Pentanone	8.647	43	1920	0.502	ug/l #	1
60) Dibromochloromethane	9.281	129	3792	1.378	ug/l #	11
64) Tetrachloroethene	9.281	164	4028	1.499	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	75127	23.212	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	75127	74.891	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
Data File : VX030858.D
Acq On : 27 Aug 2022 09:23
Operator : JC/MD
Sample : N4281-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

Quant Time: Aug 27 22:22:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

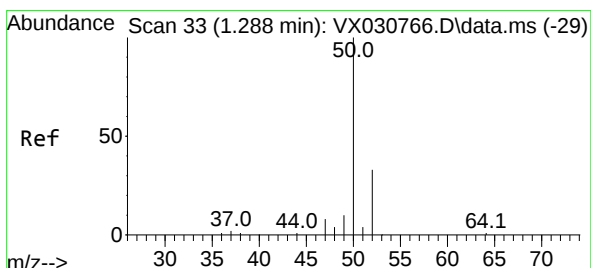
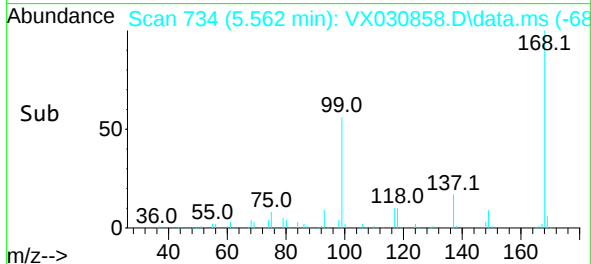
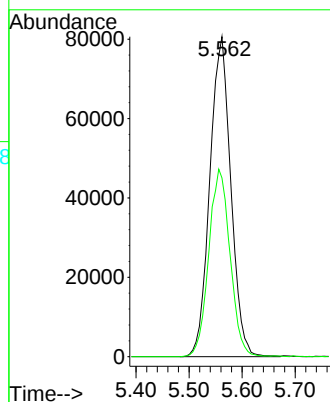
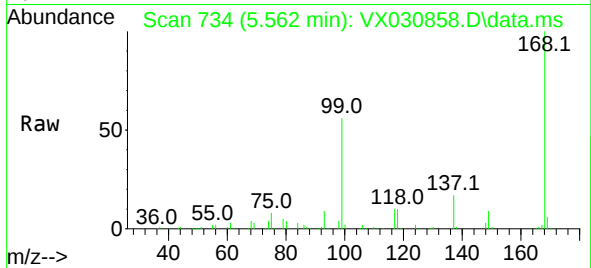




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

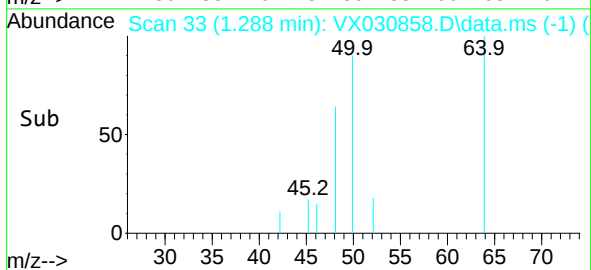
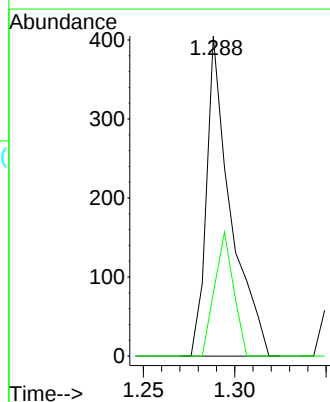
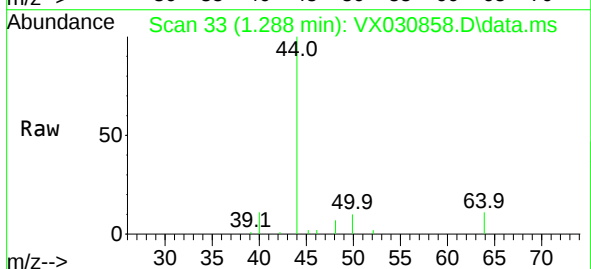
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

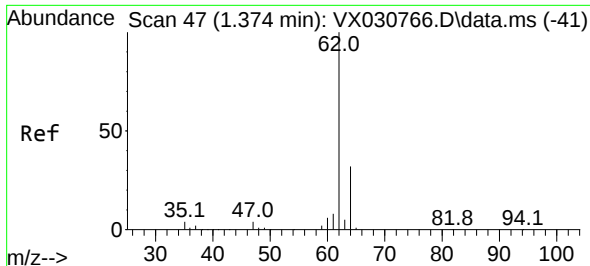
Tgt Ion:168 Resp: 221727
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Tgt Ion: 50 Resp: 370
Ion Ratio Lower Upper
50 100
52 19.8 26.3 39.5#

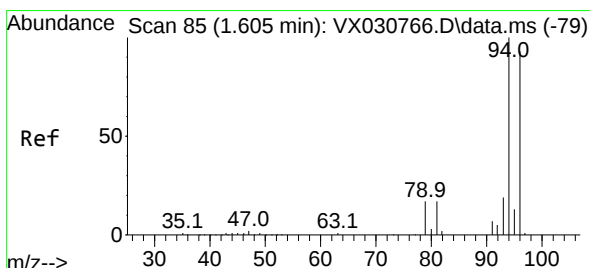
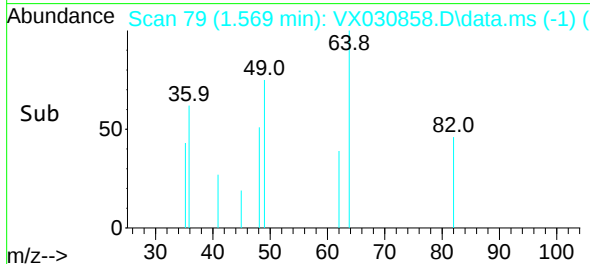
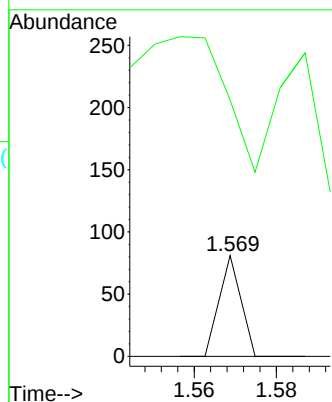
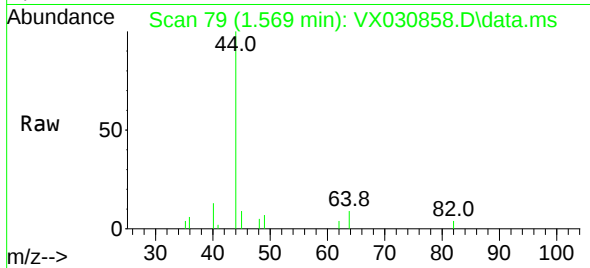




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.569 min Scan# 79
 Delta R.T. 0.195 min
 Lab File: VX030858.D
 Acq: 27 Aug 2022 09:23

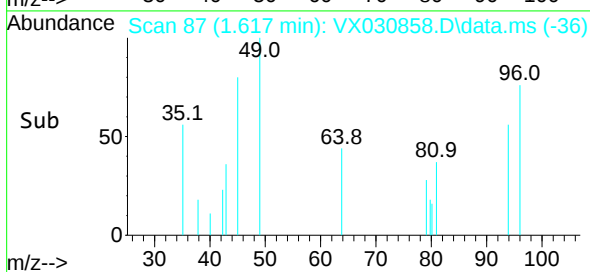
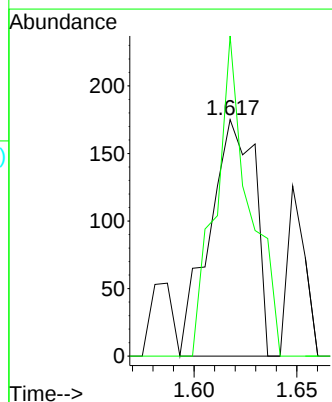
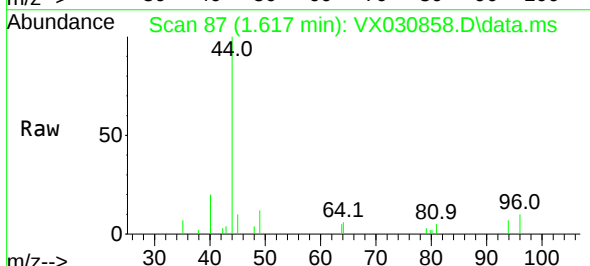
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-20220819

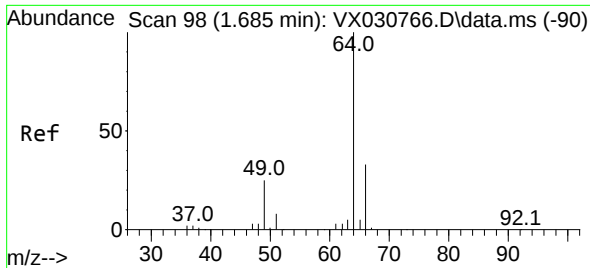
Tgt Ion: 62 Resp: 30
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.261 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: VX030858.D
 Acq: 27 Aug 2022 09:23

Tgt Ion: 94 Resp: 270
 Ion Ratio Lower Upper
 94 100
 96 135.4 76.9 115.3#

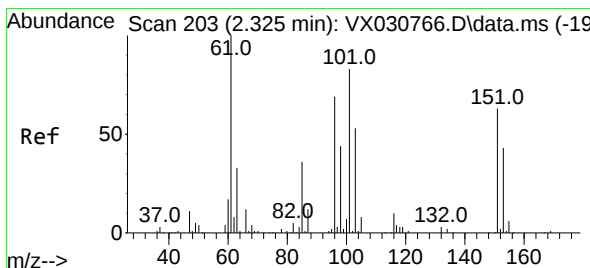
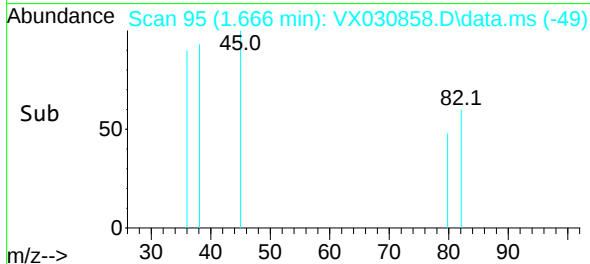
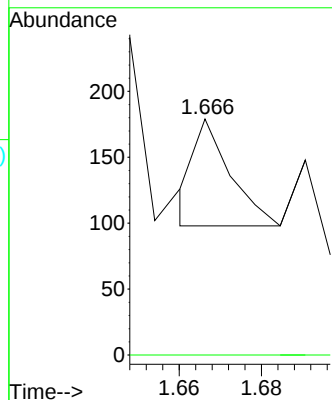
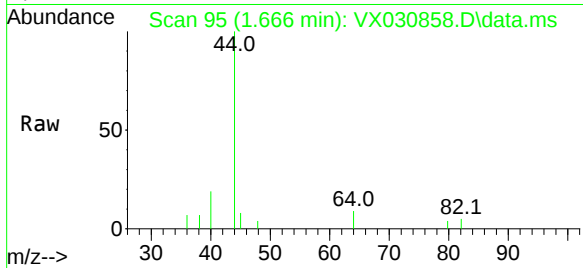




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

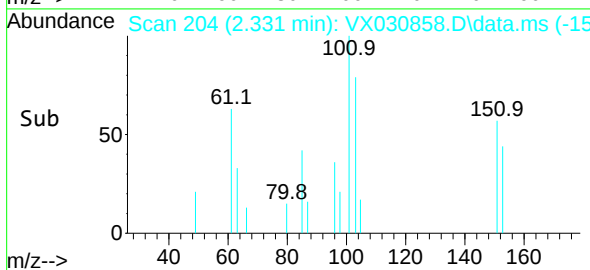
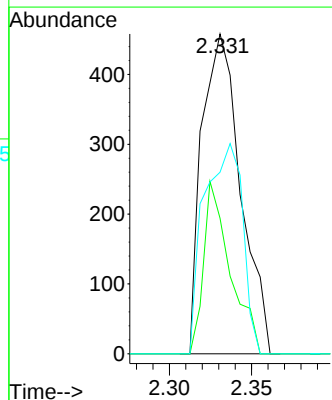
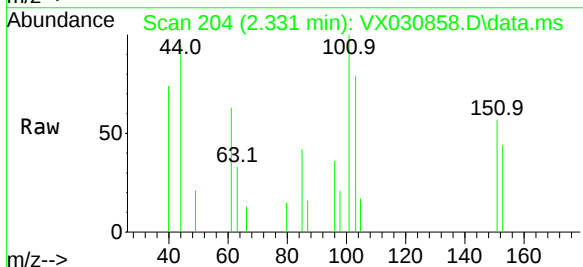
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

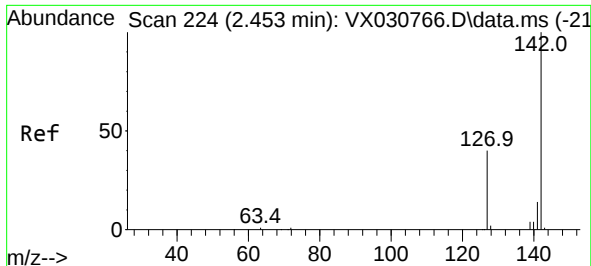
Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.347 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

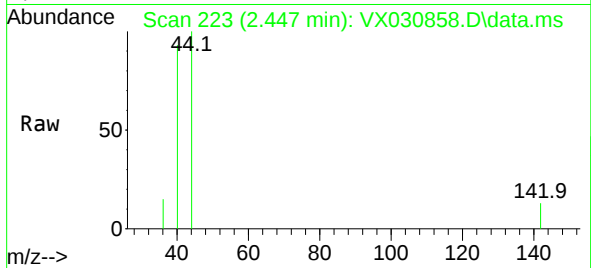
Tgt Ion: 101 Resp: 749
Ion Ratio Lower Upper
101 100
85 37.0 34.0 51.0
151 65.3 59.4 89.0



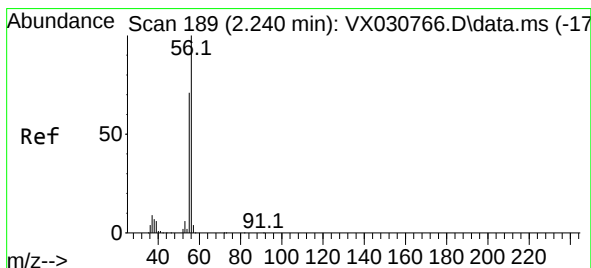
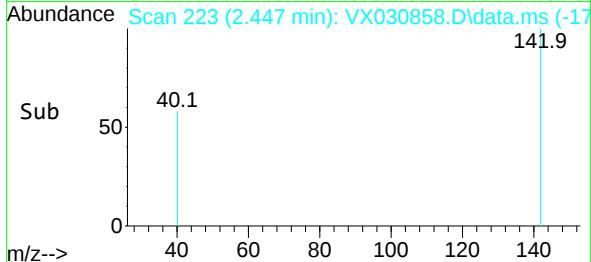
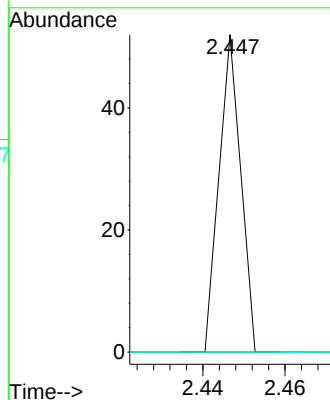


#10
Methyl Iodide
Concen: 4.039 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

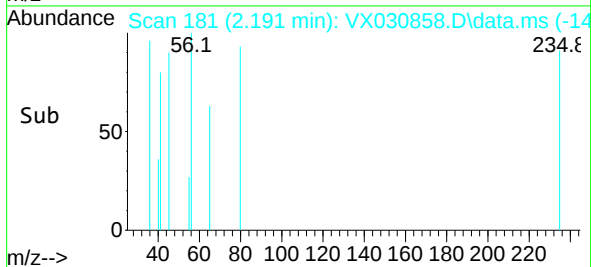
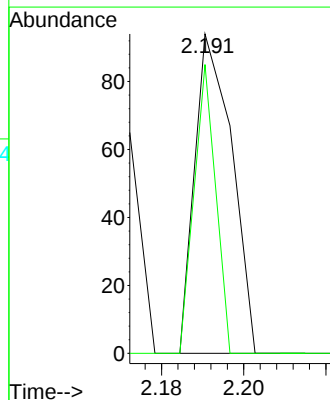
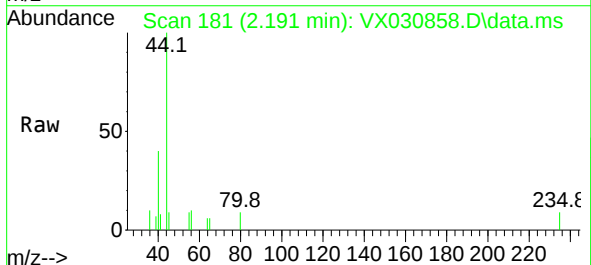


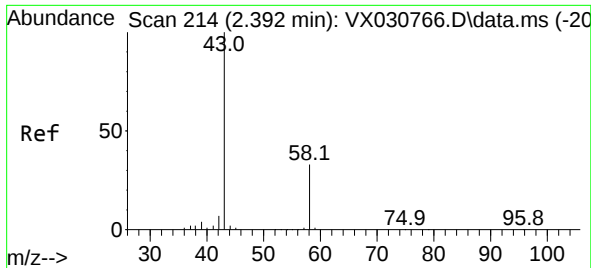
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 10.165 ug/l
RT: 2.191 min Scan# 181
Delta R.T. -0.049 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 52.5 56.6 84.8#

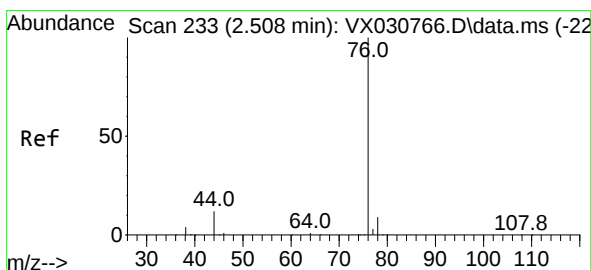
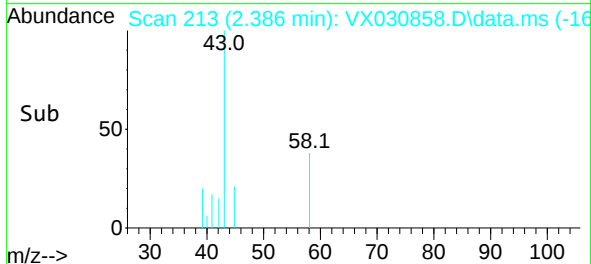
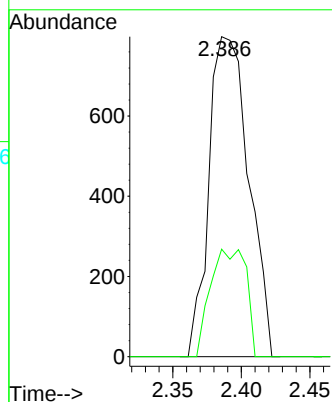
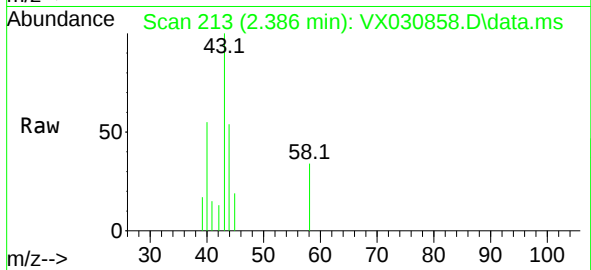




#16
Acetone
Concen: 1.338 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

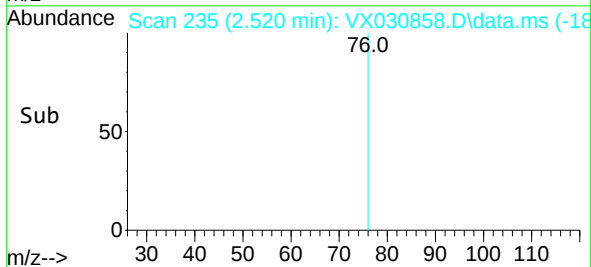
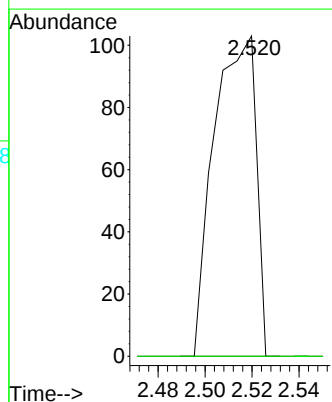
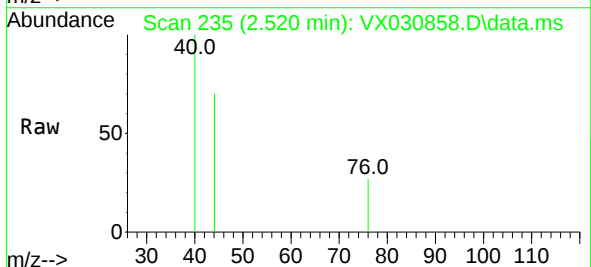
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

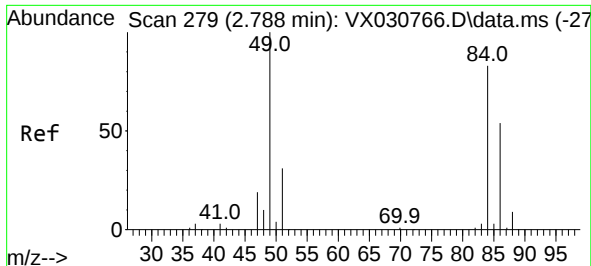
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 33.6 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

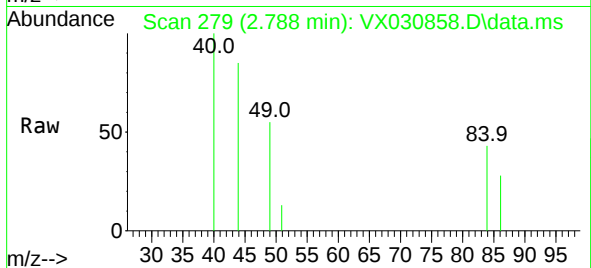
Tgt Ion: 76 Resp: 128
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



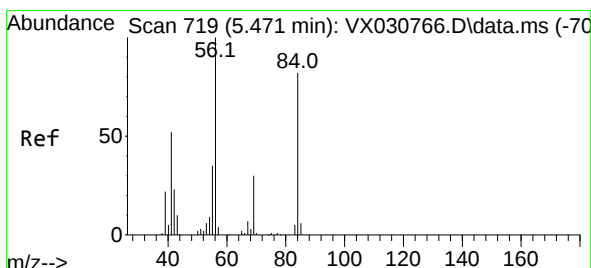
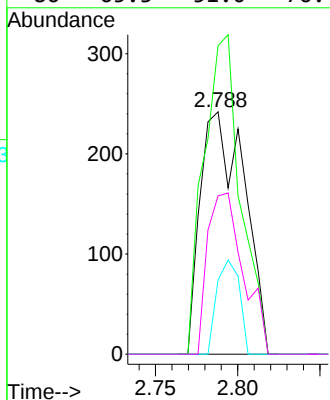
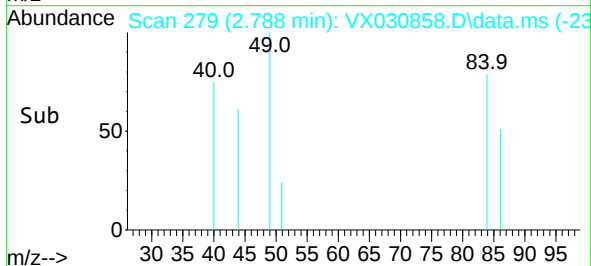


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

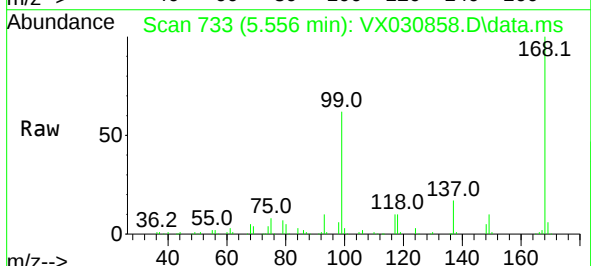
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819



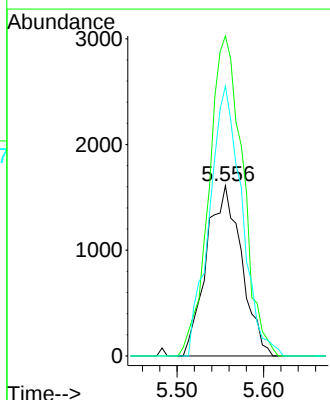
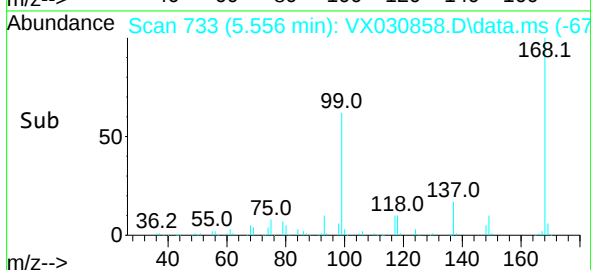
Tgt Ion:	84	Resp:	452
Ion	Ratio	Lower	Upper
84	100		
49	127.3	93.8	140.6
51	30.6	29.4	44.0
86	65.3	51.0	76.4

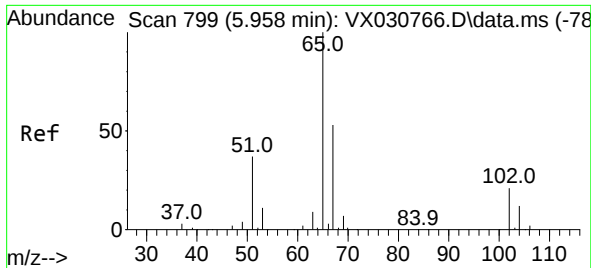


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23



Tgt Ion:	56	Resp:	4516
Ion	Ratio	Lower	Upper
56	100		
69	188.0	25.4	38.0#
84	158.6	68.9	103.3#

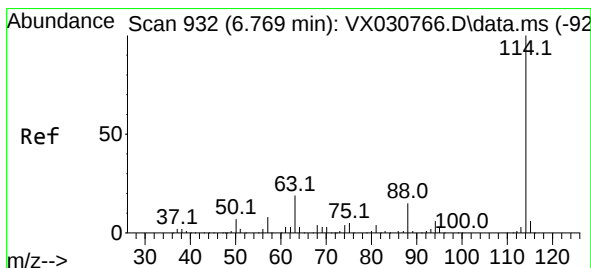
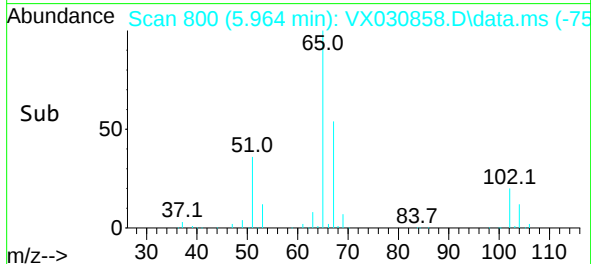
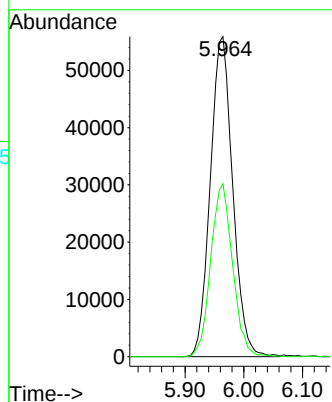
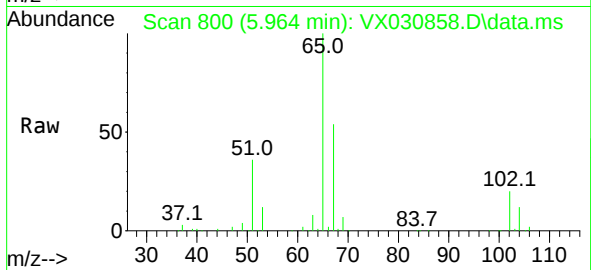




#33
 1,2-Dichloroethane-d4
 Concen: 56.783 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX030858.D
 Acq: 27 Aug 2022 09:23

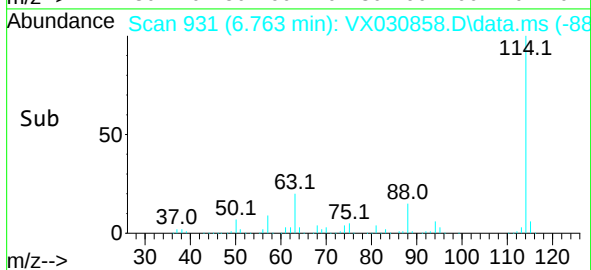
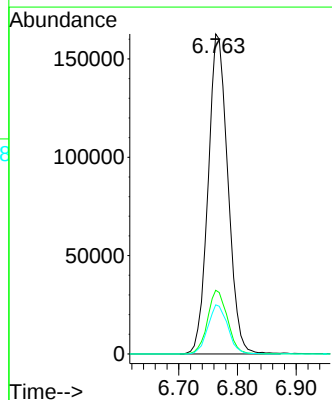
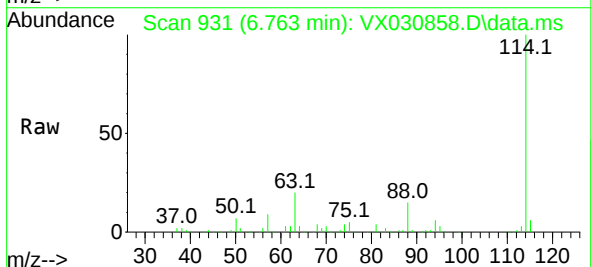
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-20220819

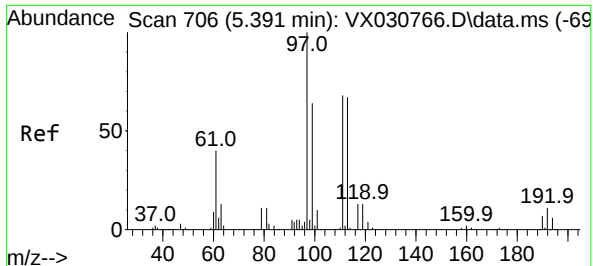
Tgt Ion: 65 Resp: 148095
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX030858.D
 Acq: 27 Aug 2022 09:23

Tgt Ion: 114 Resp: 380034
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 15.4 0.0 31.8

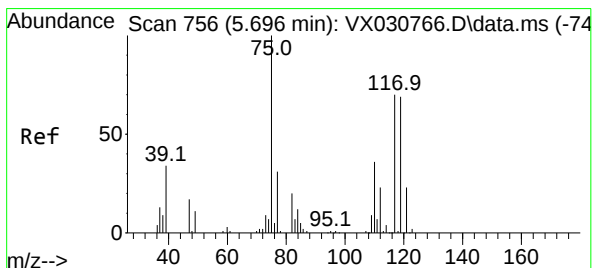
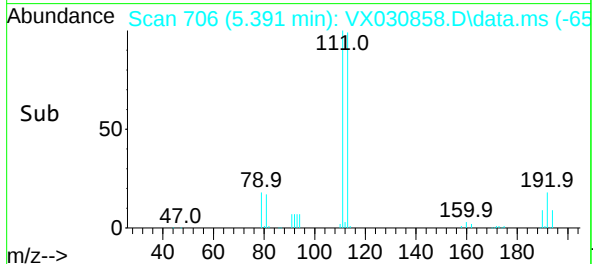
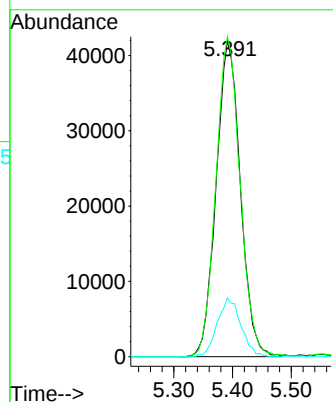
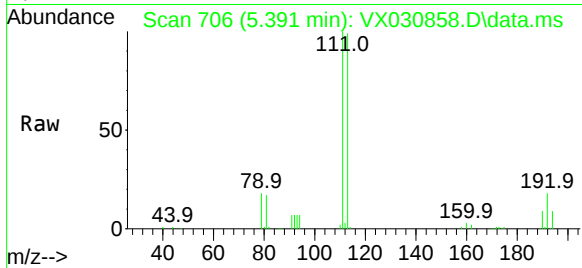




#35
Dibromofluoromethane
Concen: 51.328 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

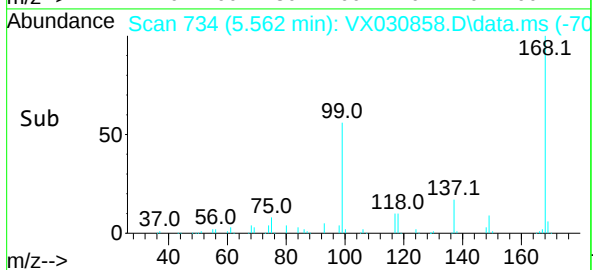
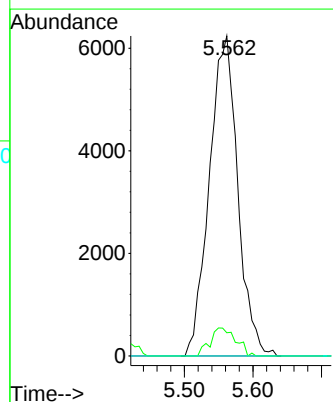
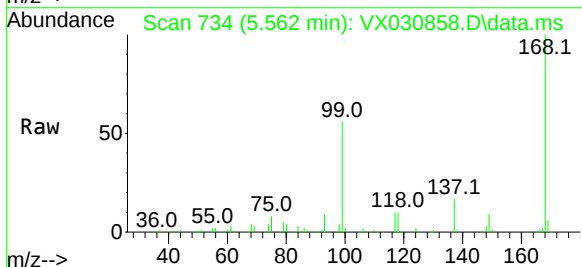
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

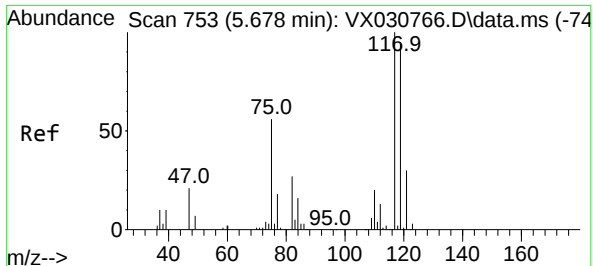
Tgt Ion:113 Resp: 119883
Ion Ratio Lower Upper
113 100
111 101.6 83.2 124.8
192 18.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.645 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

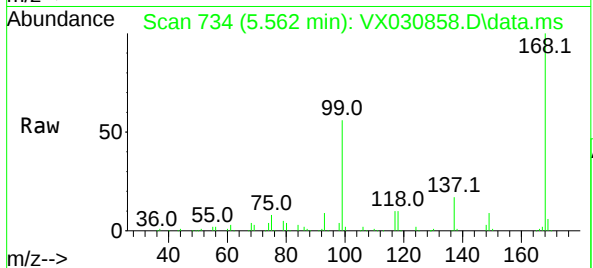
Tgt Ion: 75 Resp: 17955
Ion Ratio Lower Upper
75 100
110 8.0 19.3 57.9#
77 0.0 24.4 36.6#



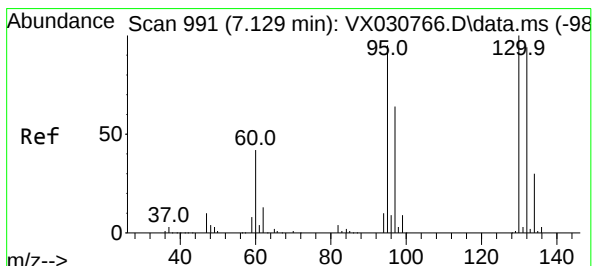
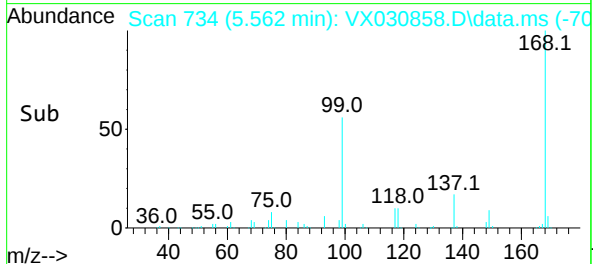
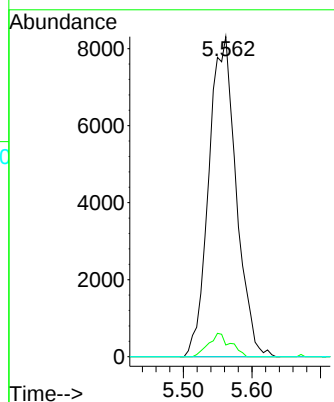


#38
Carbon Tetrachloride
Concen: 6.872 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

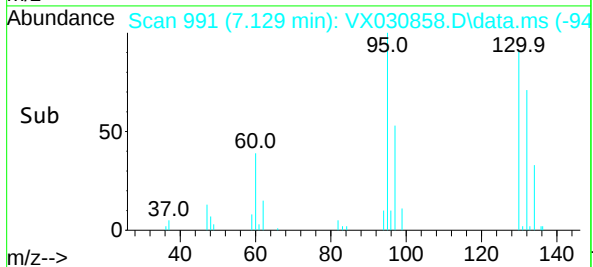
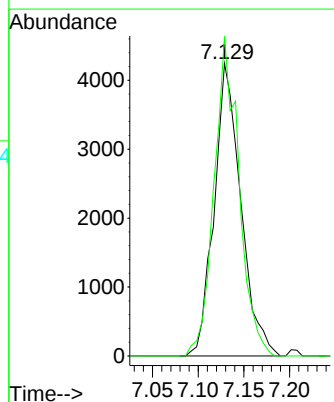
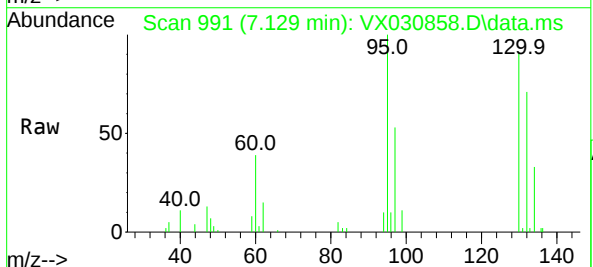


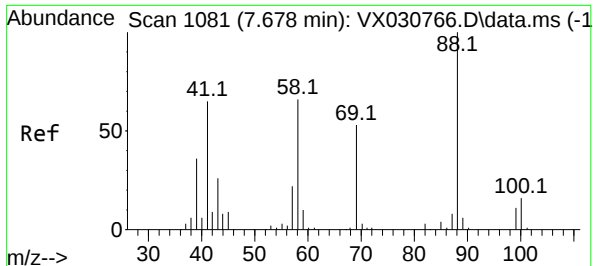
Tgt Ion:117 Resp: 23055
Ion Ratio Lower Upper
117 100
119 3.6 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 3.134 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Tgt Ion:130 Resp: 8615
Ion Ratio Lower Upper
130 100
95 109.4 0.0 194.8





#49

1,4-Dioxane

Concen: 0.716 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.018 min

Lab File: VX030858.D

Acq: 27 Aug 2022 09:23

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-20220819

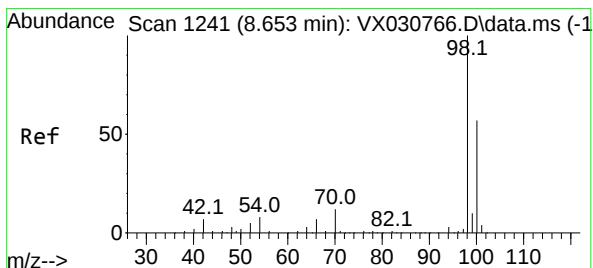
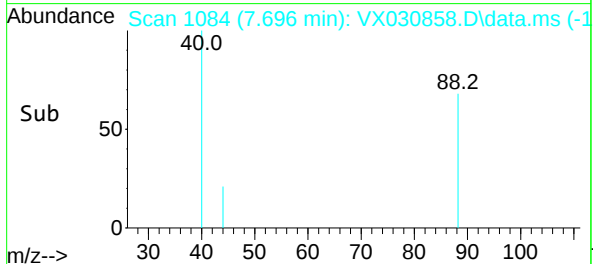
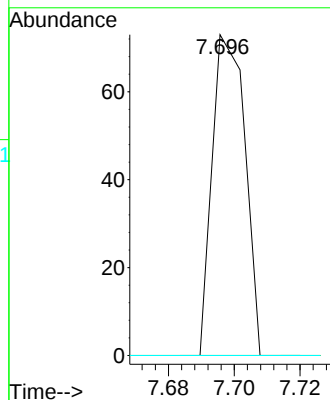
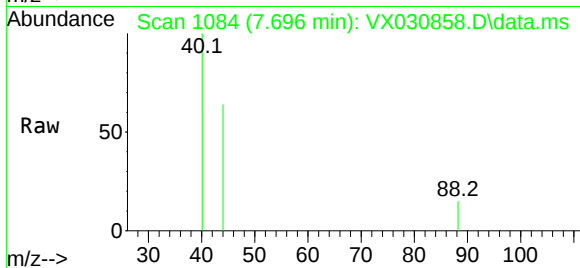
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 55.444 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030858.D

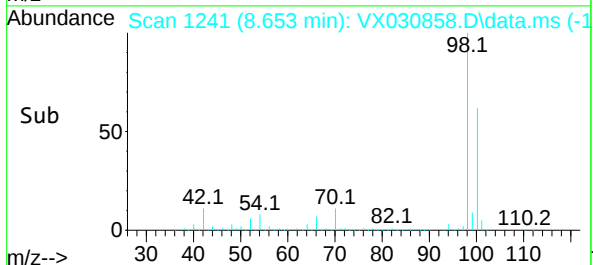
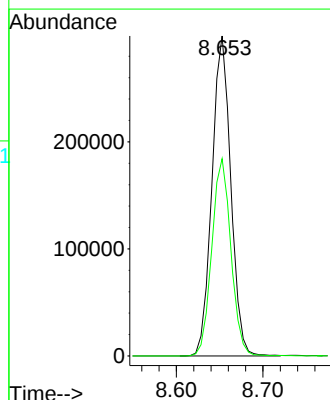
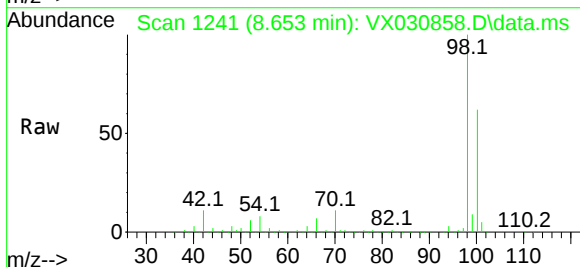
Acq: 27 Aug 2022 09:23

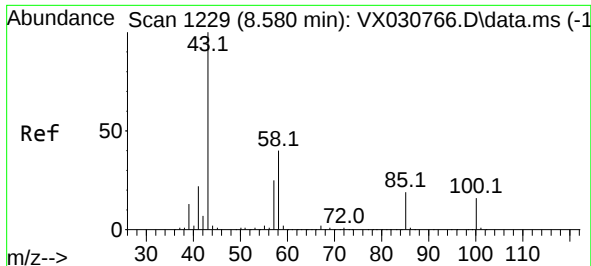
Tgt Ion: 98 Resp: 451253

Ion Ratio Lower Upper

98 100

100 62.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.502 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX030858.D

Acq: 27 Aug 2022 09:23

Instrument :

MSVOA_X

ClientSampleId :

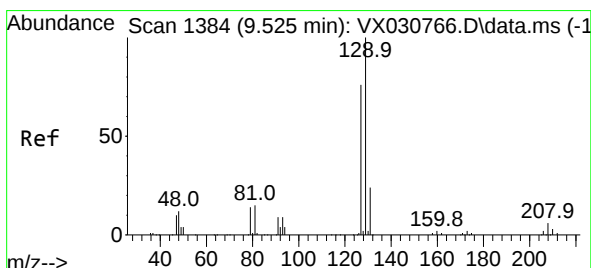
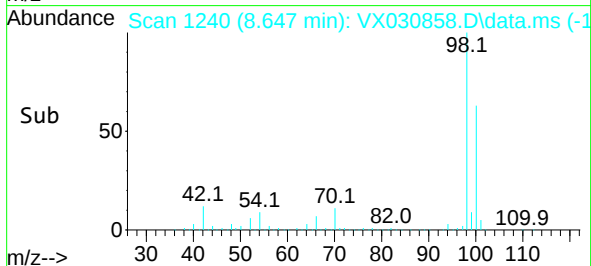
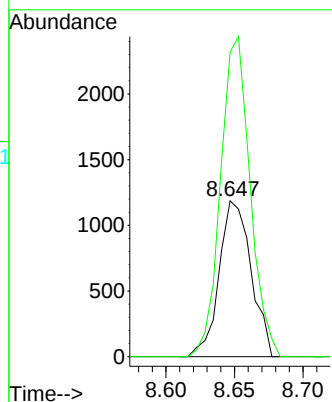
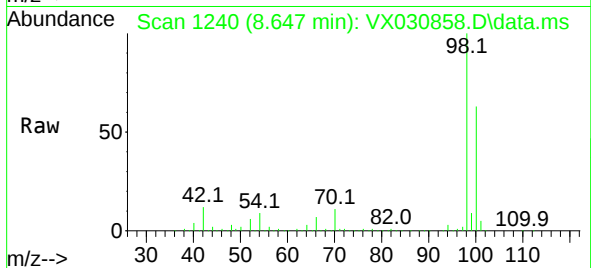
RE123D2-20220819

Tgt Ion: 43 Resp: 1920

Ion Ratio Lower Upper

43 100

58 190.7 31.4 47.2#



#60

Dibromochloromethane

Concen: 1.378 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX030858.D

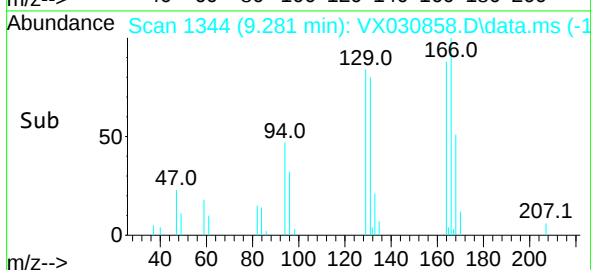
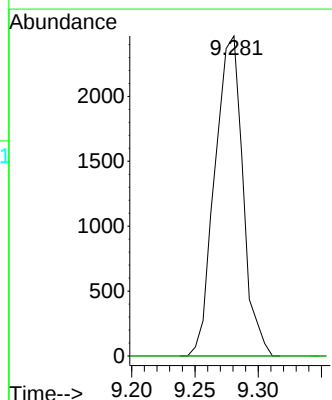
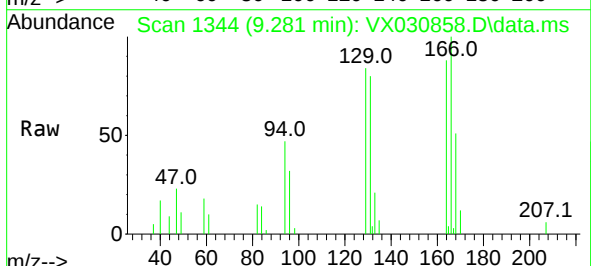
Acq: 27 Aug 2022 09:23

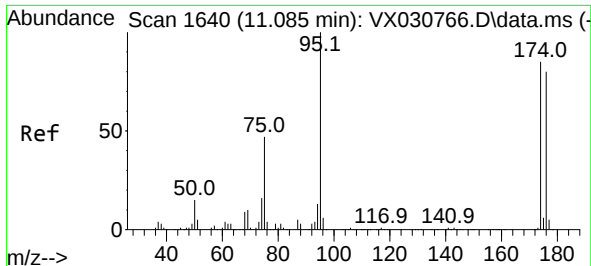
Tgt Ion: 129 Resp: 3792

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

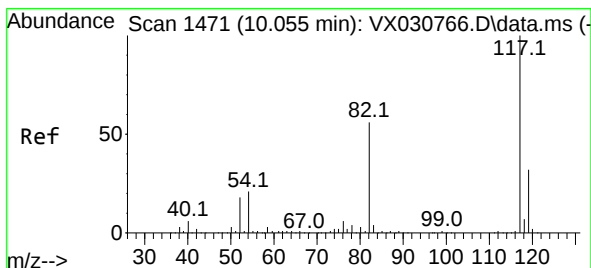
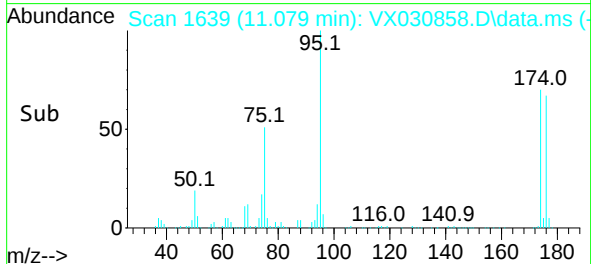
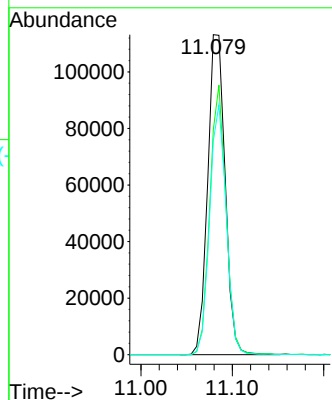
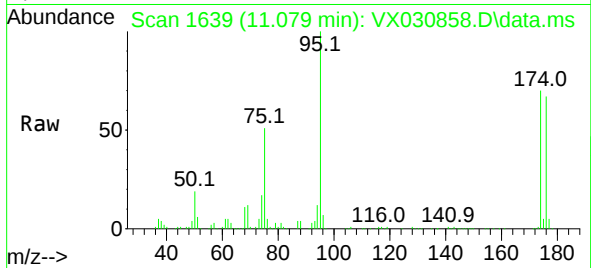




#62
4-Bromofluorobenzene
Concen: 49.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

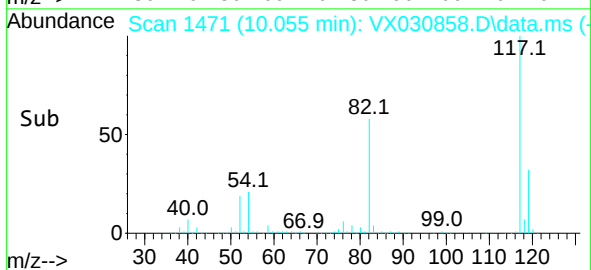
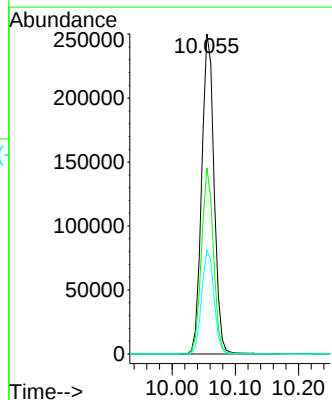
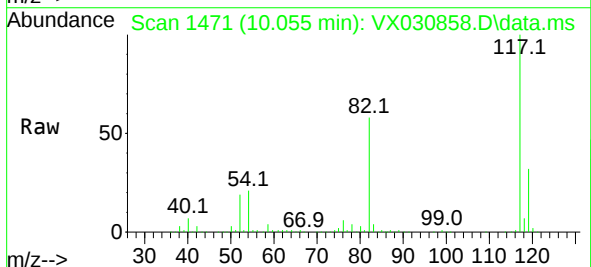
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

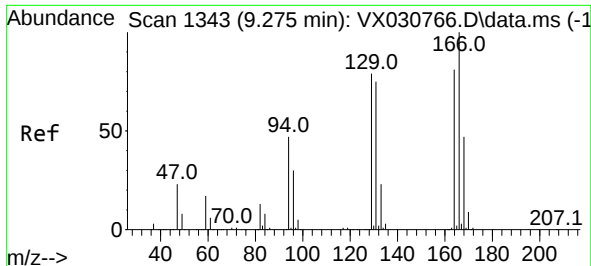
Tgt Ion: 95 Resp: 150019
Ion Ratio Lower Upper
95 100
174 78.1 0.0 149.0
176 74.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

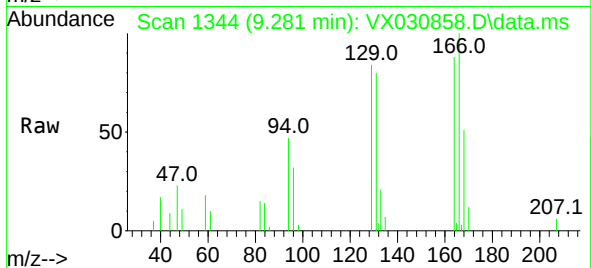
Tgt Ion: 117 Resp: 341235
Ion Ratio Lower Upper
117 100
82 58.1 42.7 64.1
119 32.5 25.4 38.2





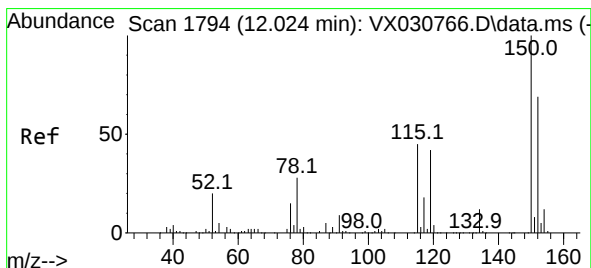
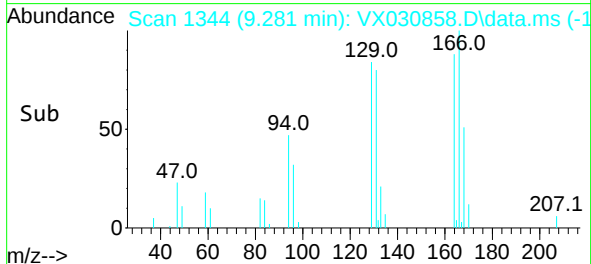
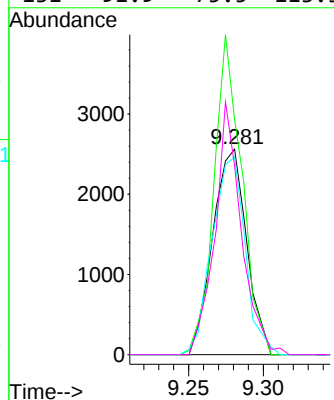
#64
Tetrachloroethene
Concen: 1.499 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819



Tgt Ion:164 Resp: 4028

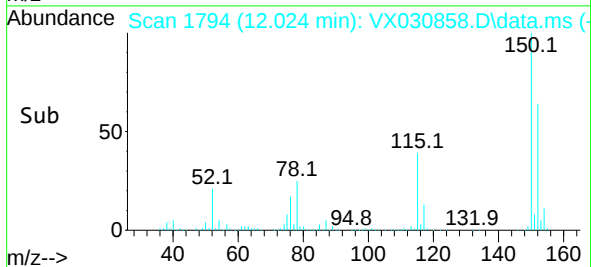
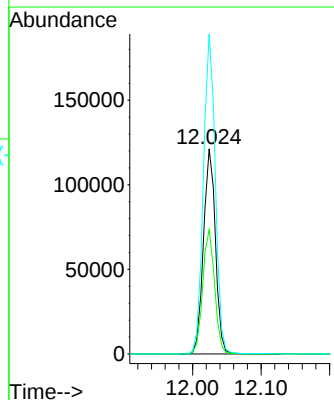
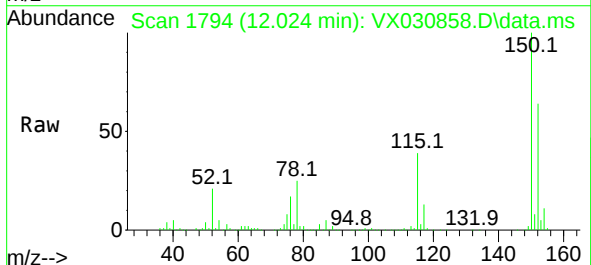
Ion	Ratio	Lower	Upper
164	100		
166	114.2	98.2	147.4
129	96.2	80.8	121.2
131	91.9	75.5	113.3

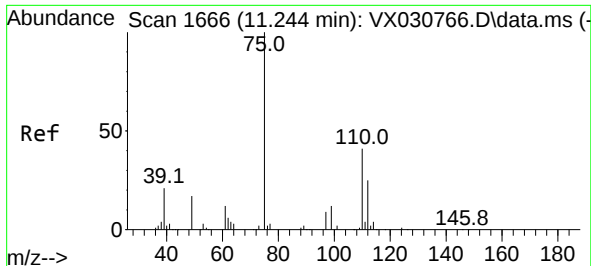


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Tgt Ion:152 Resp: 147732

Ion	Ratio	Lower	Upper
152	100		
115	60.3	40.5	121.5
150	155.0	0.0	347.0

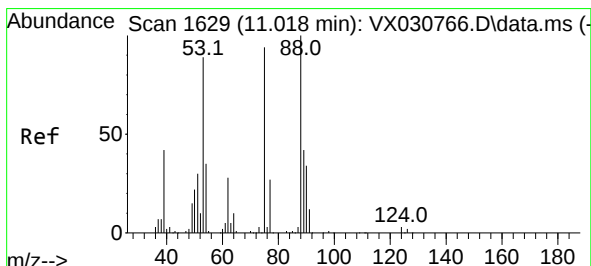
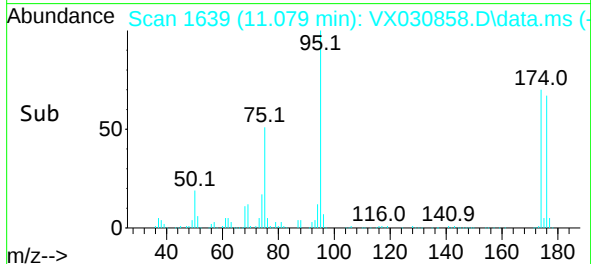
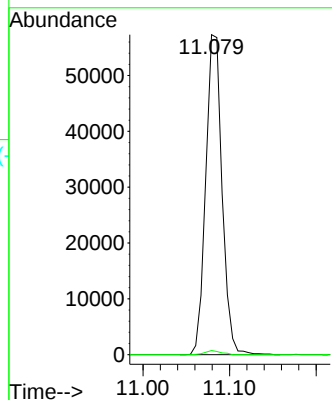
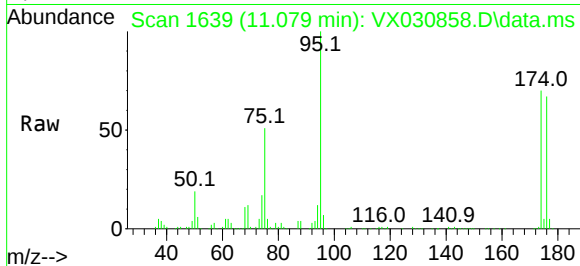




#76
1,2,3-Trichloropropane
Concen: 23.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20220819

Tgt Ion: 75 Resp: 75127
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.891 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030858.D
Acq: 27 Aug 2022 09:23

Tgt Ion: 75 Resp: 75127
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

