

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030959.D
 Acq On : 30 Aug 2022 23:16
 Operator : JC/MD
 Sample : N4281-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20220819

Quant Time: Sep 06 01:20:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

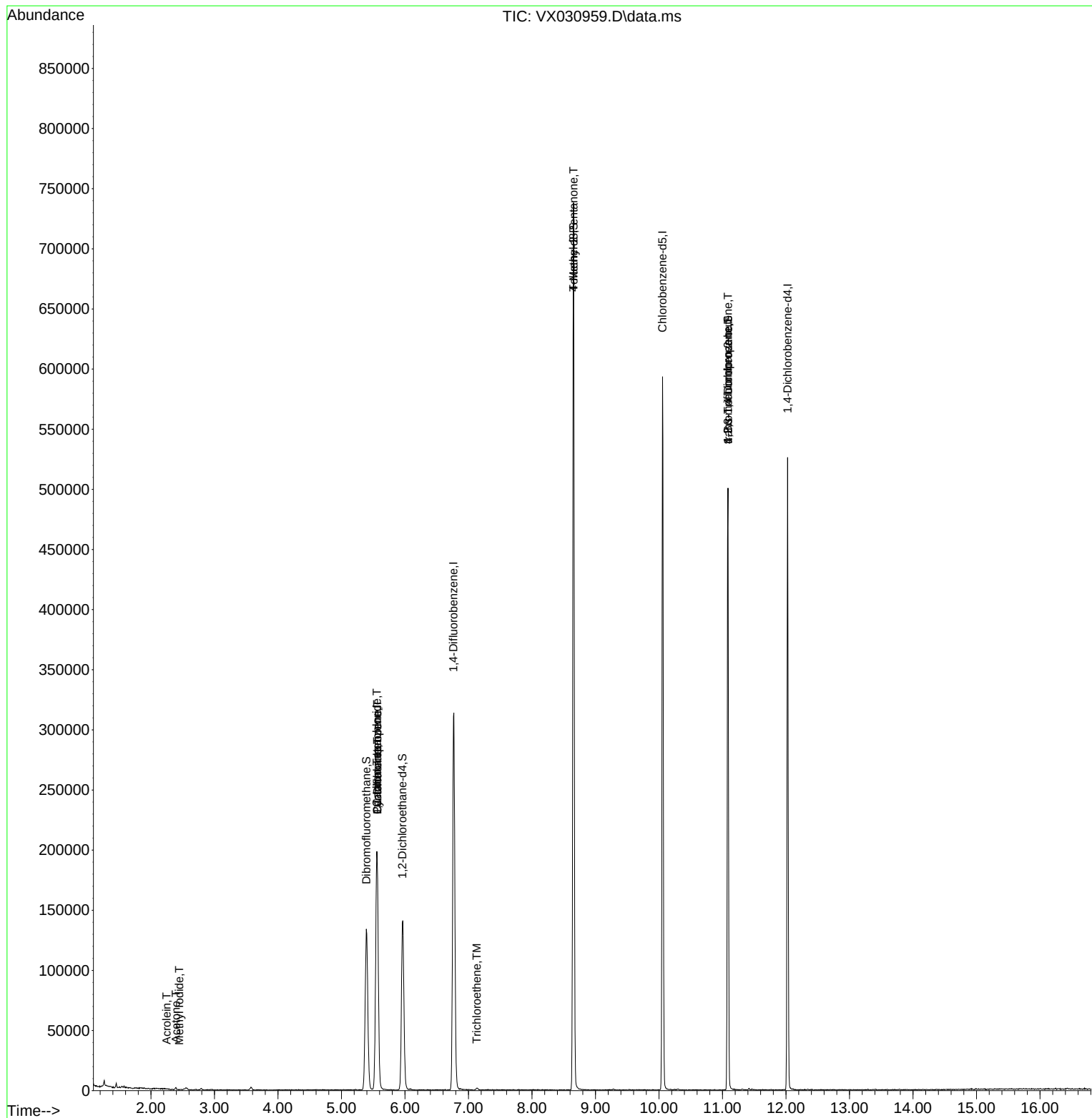
Internal Standards						
1) Pentafluorobenzene	5.562	168	196836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134776	47.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.480%
35) Dibromofluoromethane	5.391	113	120144	48.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	8.653	98	450548	48.970	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.086	95	141176	43.090	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.180%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	265	Below Cal	#	77
10) Methyl Iodide	2.447	142	34	4.390	ug/l #	44
13) Acrolein	2.246	56	39	7.385	ug/l #	14
16) Acetone	2.392	43	1628	1.278	ug/l #	85
31) Cyclohexane	5.562	56	3449	0.825	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	14386	3.896	ug/l #	48
38) Carbon Tetrachloride	5.556	117	19197	5.461	ug/l #	16
44) Trichloroethene	7.129	130	659	0.210	ug/l	89
51) 4-Methyl-2-Pentanone	8.653	43	1725	0.434	ug/l #	1
76) 1,2,3-Trichloropropane	11.086	75	66805	25.124	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	66805	74.698	ug/l #	13

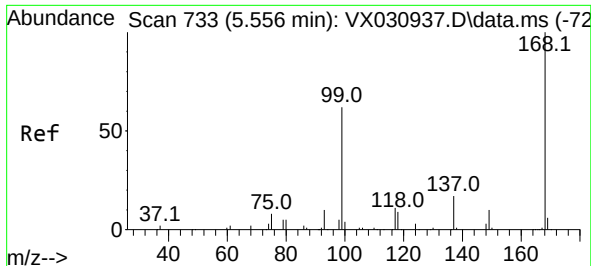
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
Data File : VX030959.D
Acq On : 30 Aug 2022 23:16
Operator : JC/MD
Sample : N4281-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

Quant Time: Sep 06 01:20:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
Response via : Initial Calibration

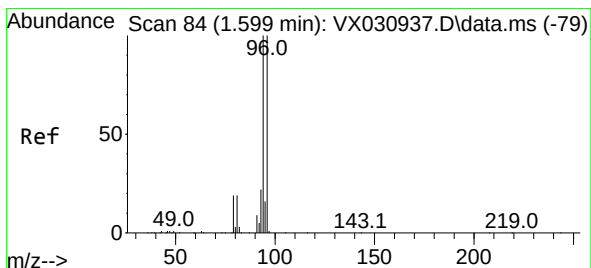
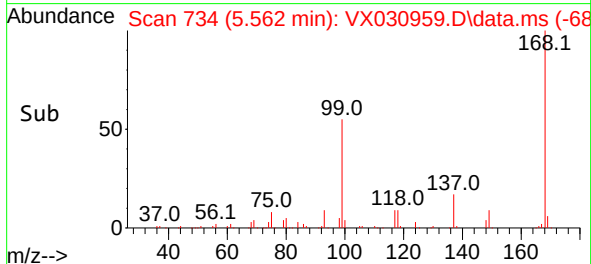
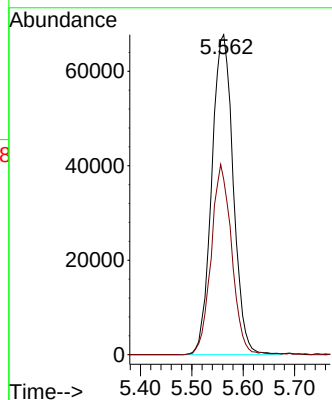
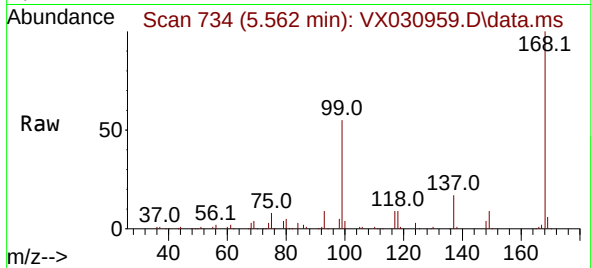




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

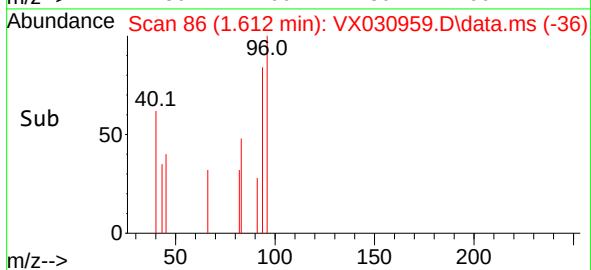
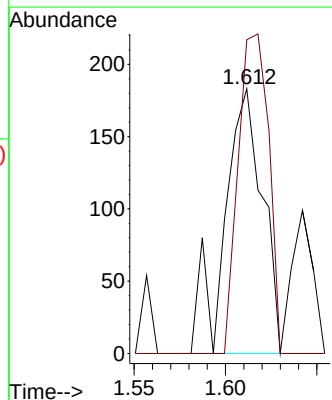
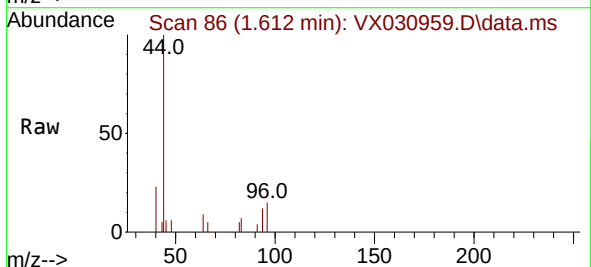
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

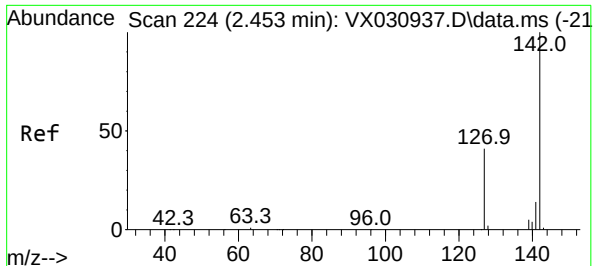
Tgt Ion:168 Resp: 196836
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.007 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 118.6 76.9 115.3#

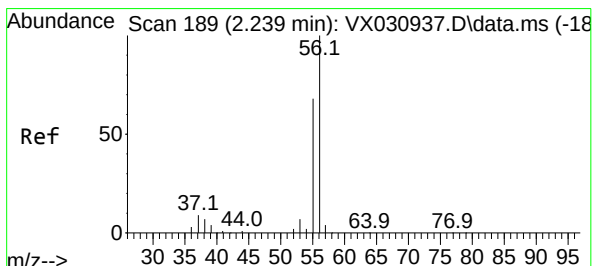
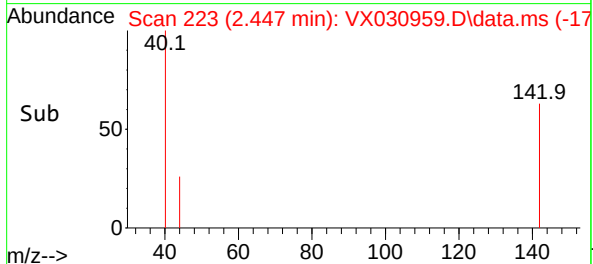
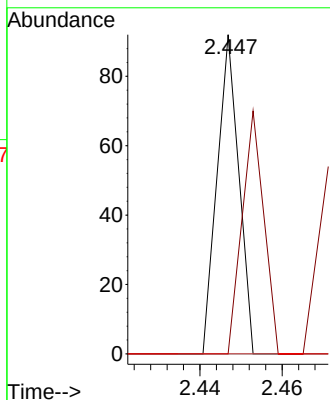
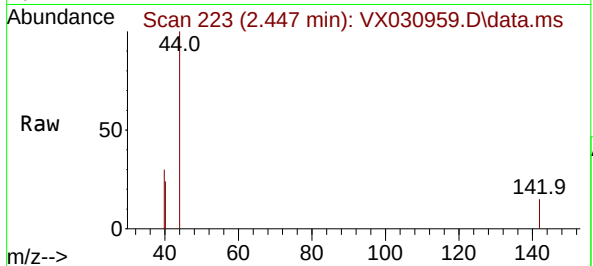




#10
Methyl Iodide
Concen: 4.390 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

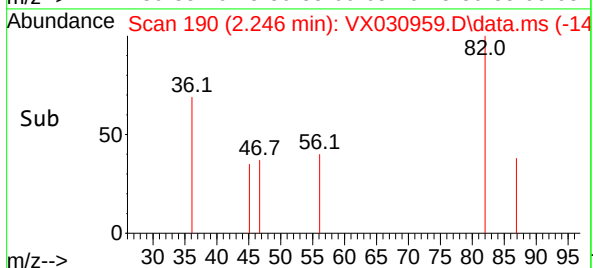
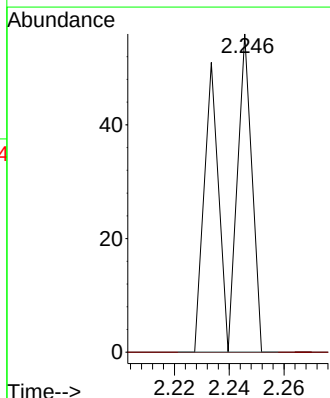
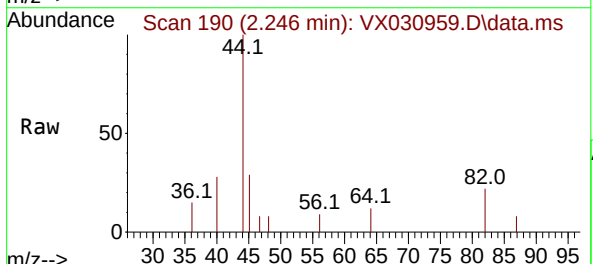
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

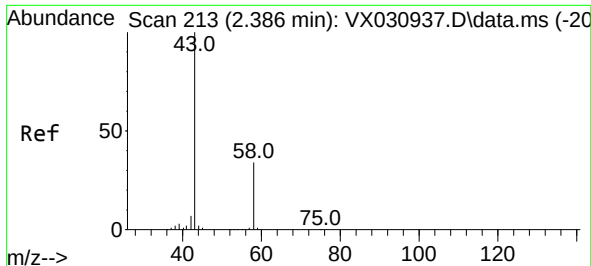
Tgt Ion:142 Resp: 34
Ion Ratio Lower Upper
142 100
127 76.5 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 7.385 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

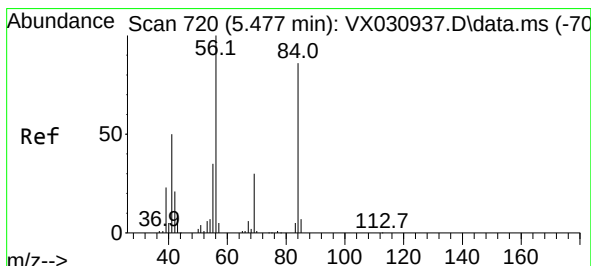
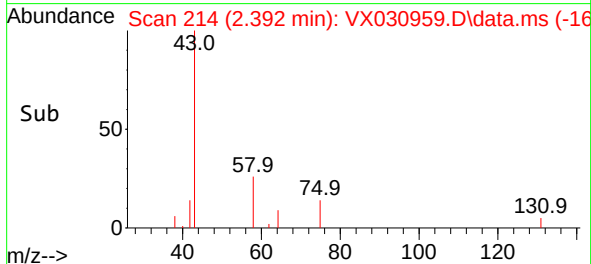
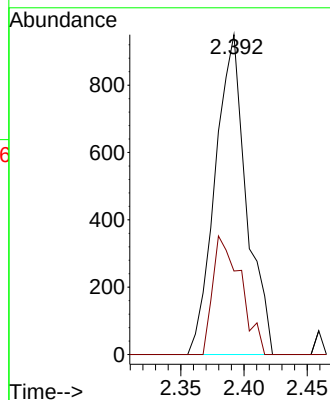
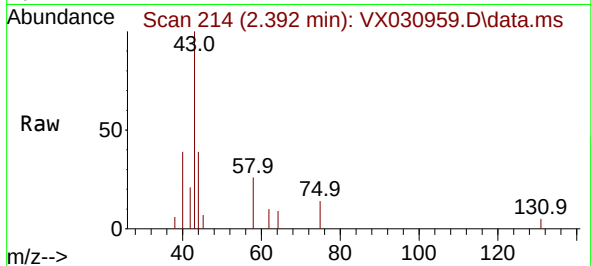




#16
Acetone
Concen: 1.278 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

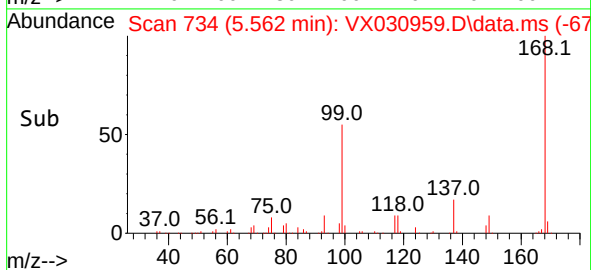
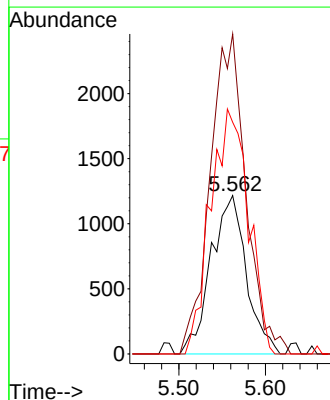
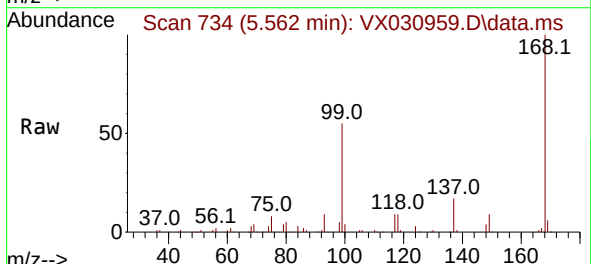
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

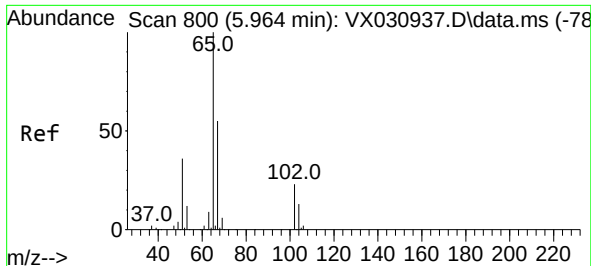
Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
58 26.1 27.7 41.5#



#31
Cyclohexane
Concen: 0.825 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

Tgt Ion: 56 Resp: 3449
Ion Ratio Lower Upper
56 100
69 202.0 25.4 38.0#
84 146.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.739 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030959.D

Acq: 30 Aug 2022 23:16

Instrument :

MSVOA_X

ClientSampleId :

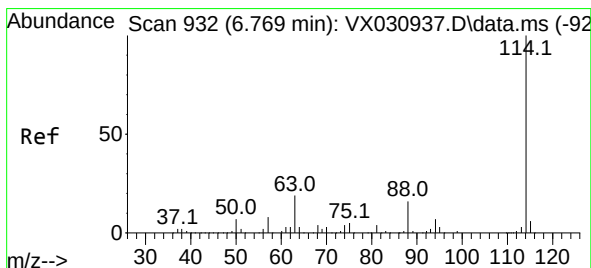
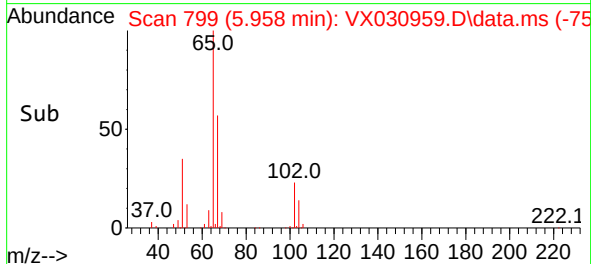
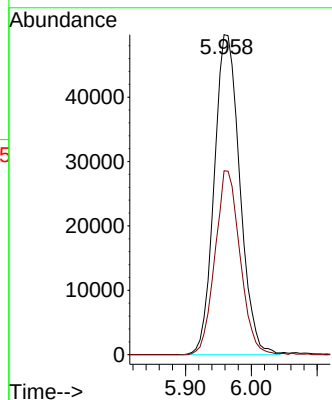
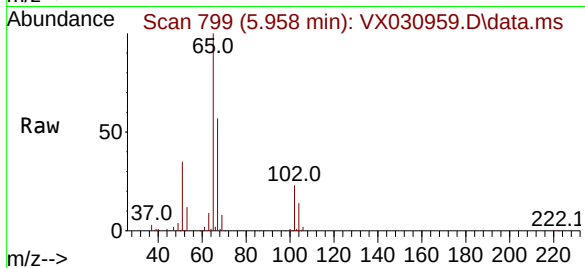
RE123D1-20220819

Tgt Ion: 65 Resp: 134776

Ion Ratio Lower Upper

65 100

67 56.2 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: VX030959.D

Acq: 30 Aug 2022 23:16

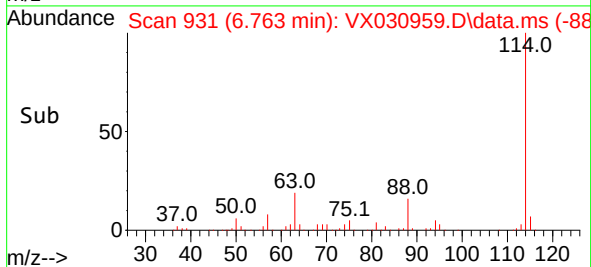
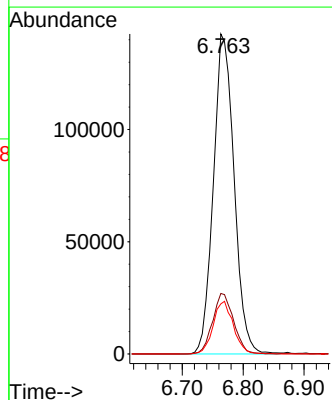
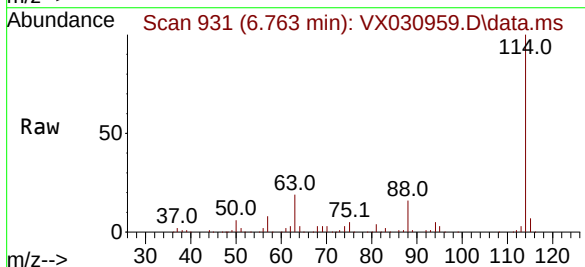
Tgt Ion: 114 Resp: 337022

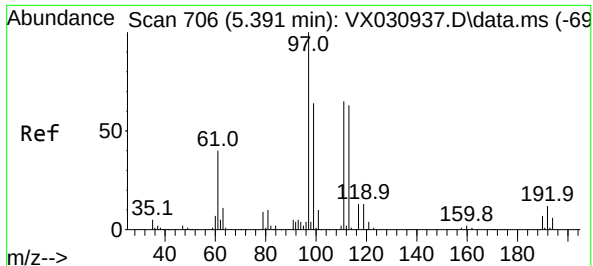
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.7 0.0 31.8

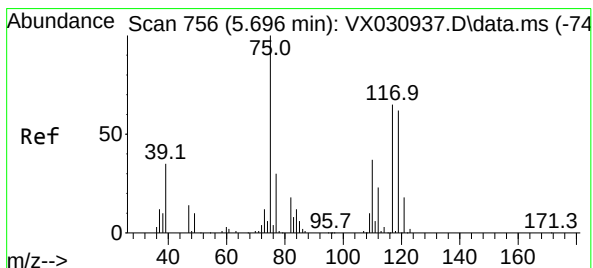
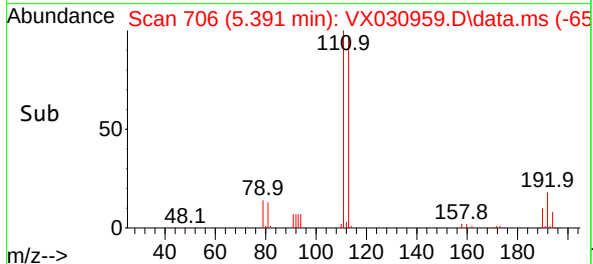
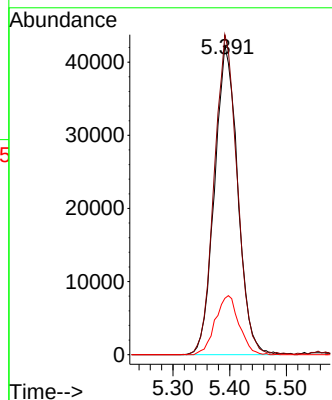
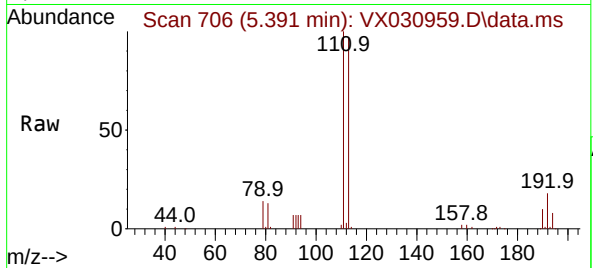




#35
Dibromofluoromethane
Concen: 48.360 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

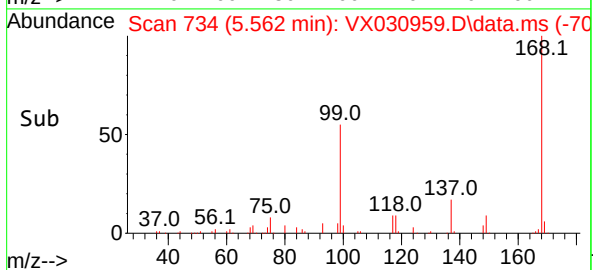
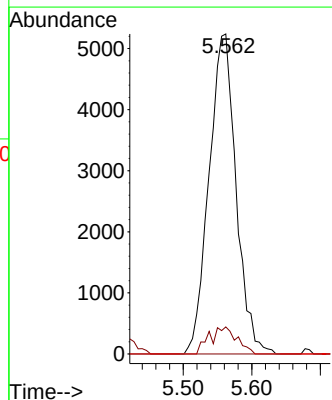
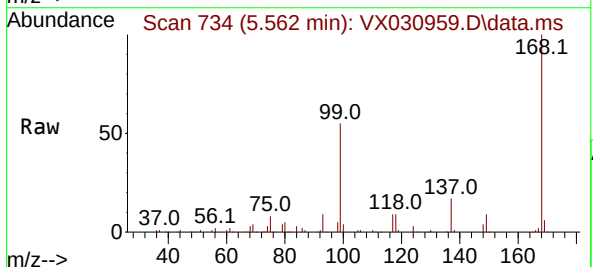
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

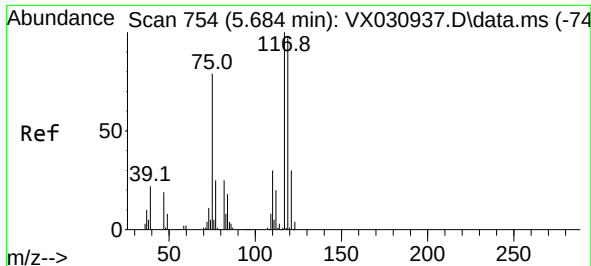
Tgt Ion:113 Resp: 120144
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 19.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.896 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

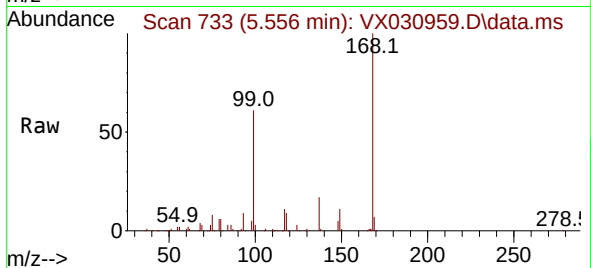
Tgt Ion: 75 Resp: 14386
Ion Ratio Lower Upper
75 100
110 8.6 19.3 57.9#
77 0.0 24.4 36.6#



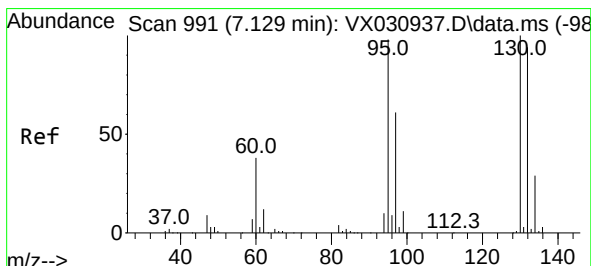
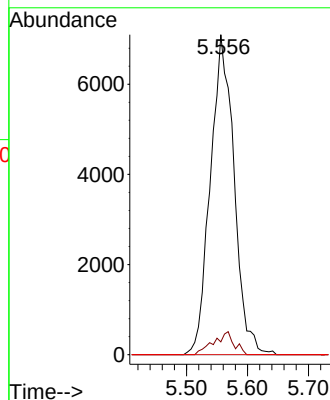
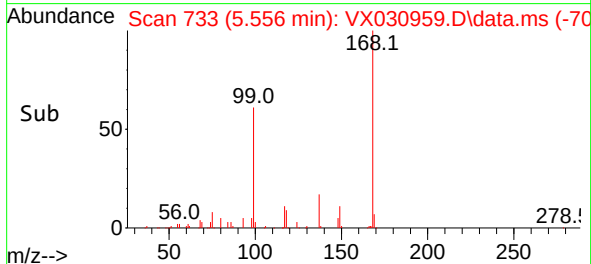


#38
Carbon Tetrachloride
Concen: 5.461 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

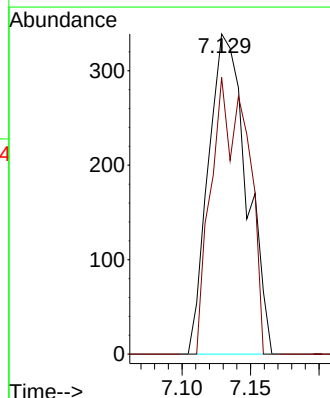
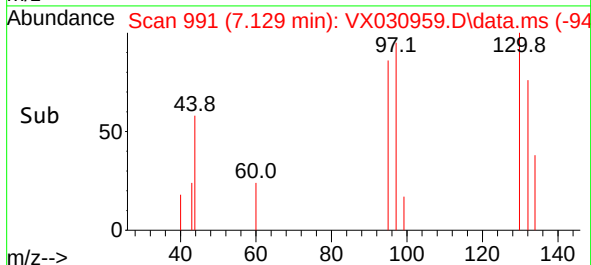
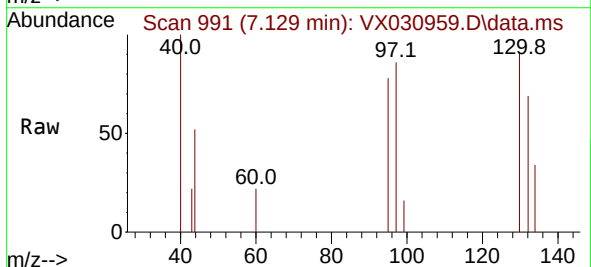


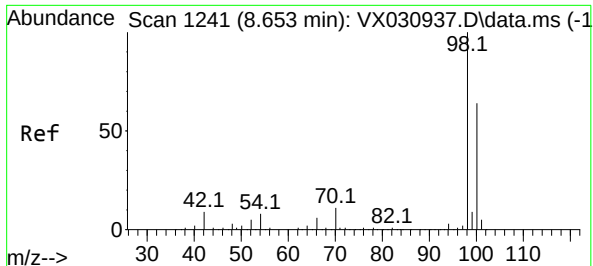
Tgt Ion:117 Resp: 19197
Ion Ratio Lower Upper
117 100
119 4.0 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.210 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

Tgt Ion:130 Resp: 659
Ion Ratio Lower Upper
130 100
95 86.4 0.0 194.8

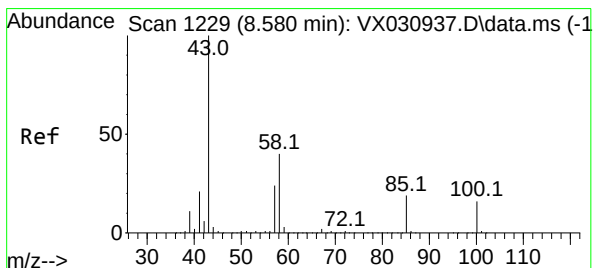
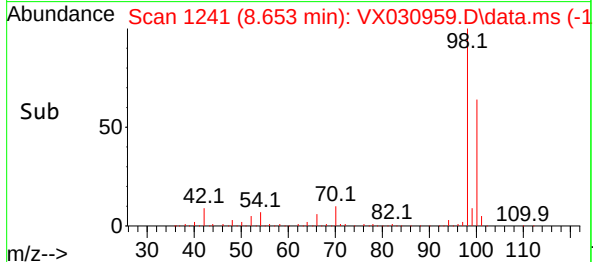
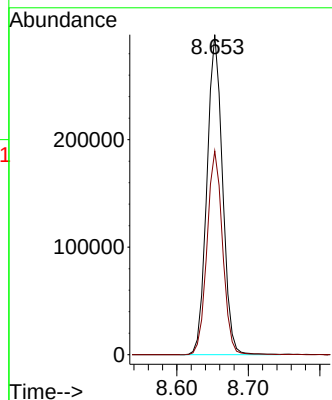
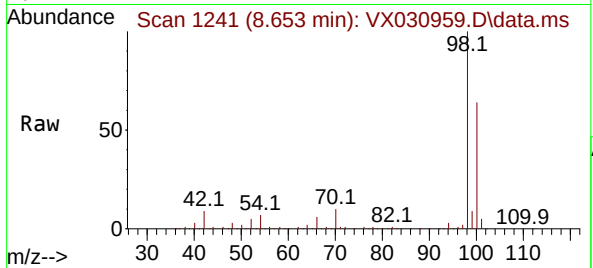




#50
Toluene-d8
Concen: 48.970 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

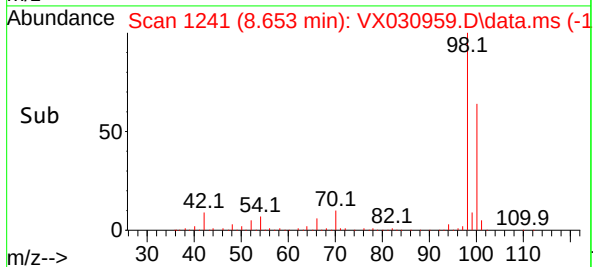
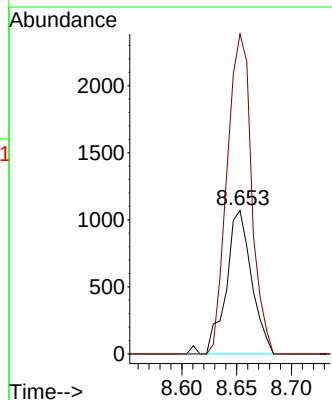
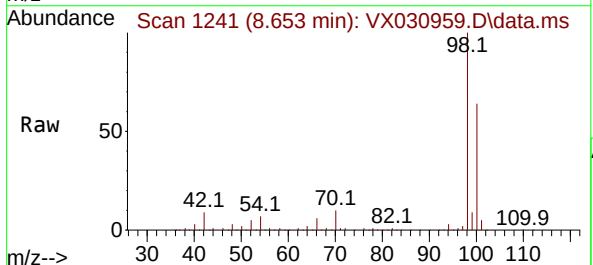
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

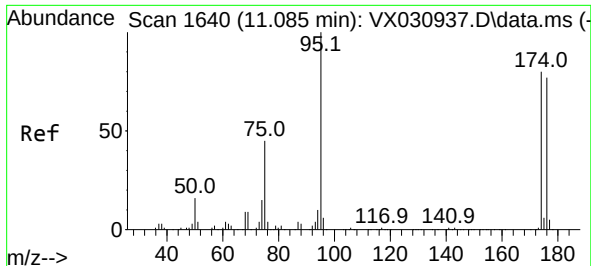
Tgt Ion: 98 Resp: 450548
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
58 214.7 31.4 47.2#

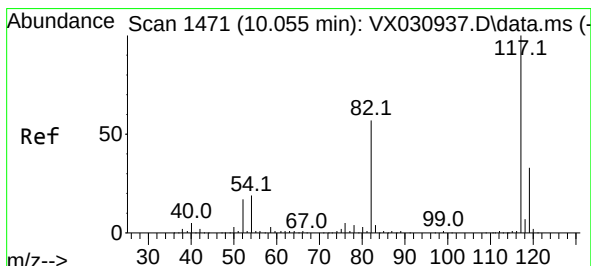
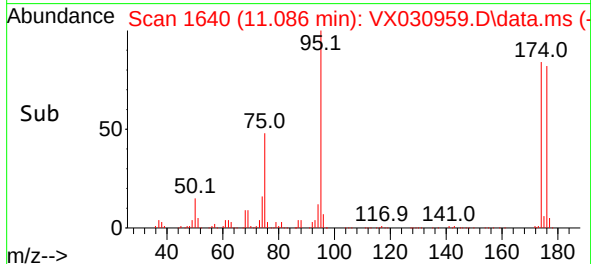
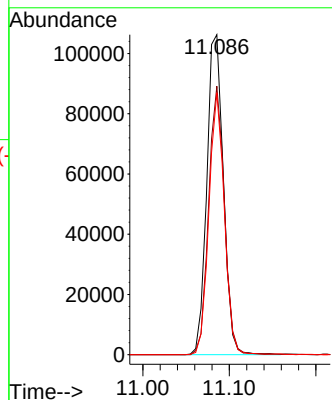
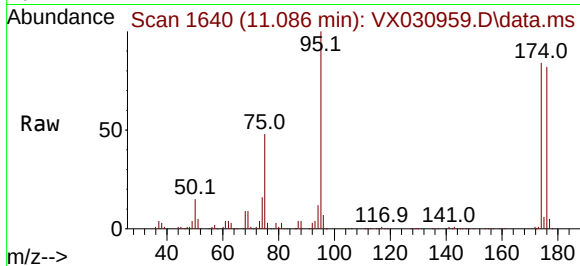




#62
4-Bromofluorobenzene
Concen: 43.090 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

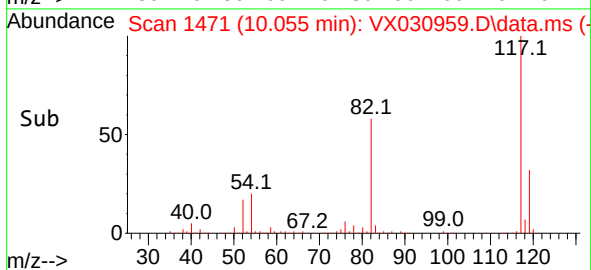
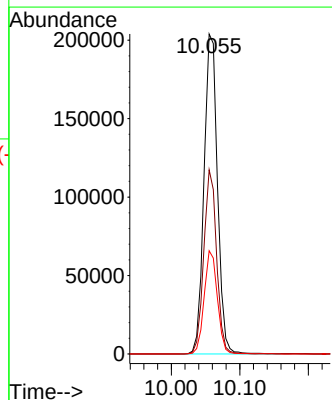
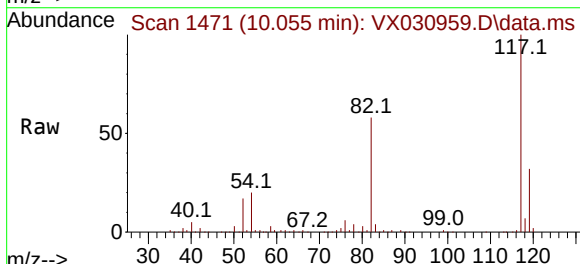
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

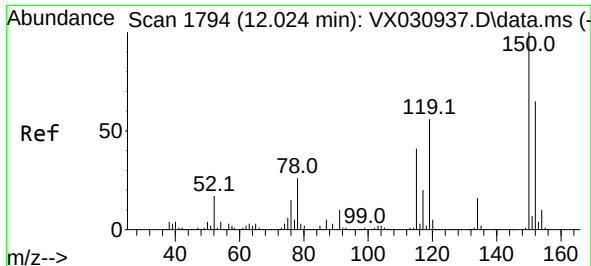
Tgt Ion: 95 Resp: 141176
Ion Ratio Lower Upper
95 100
174 80.3 0.0 149.0
176 76.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030959.D
Acq: 30 Aug 2022 23:16

Tgt Ion: 117 Resp: 279366
Ion Ratio Lower Upper
117 100
82 57.5 42.7 64.1
119 32.3 25.4 38.2

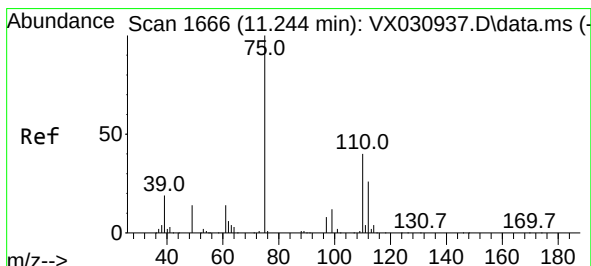
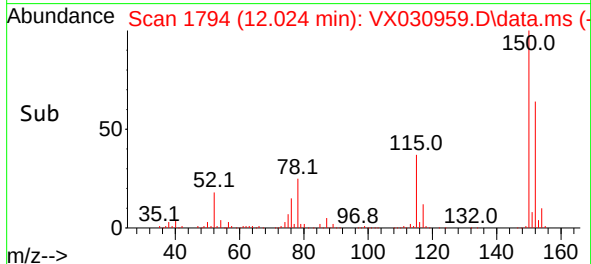
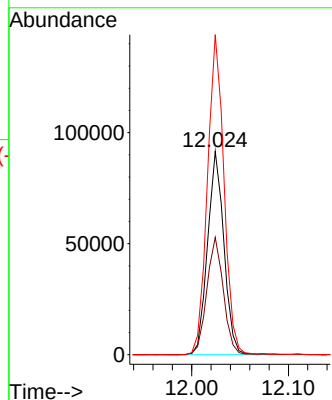
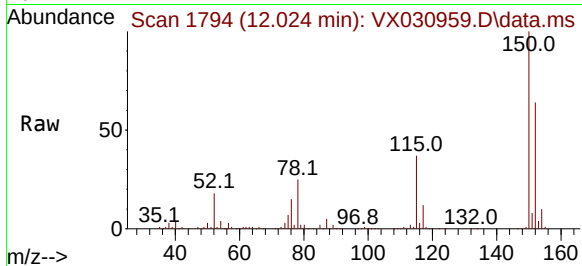




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030959.D
 Acq: 30 Aug 2022 23:16

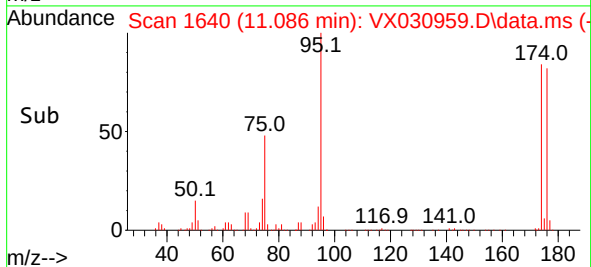
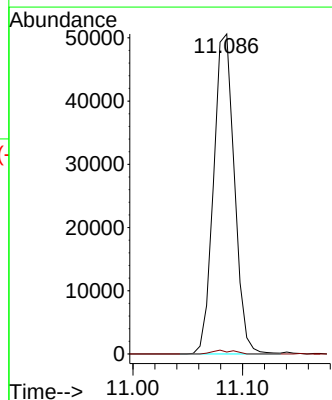
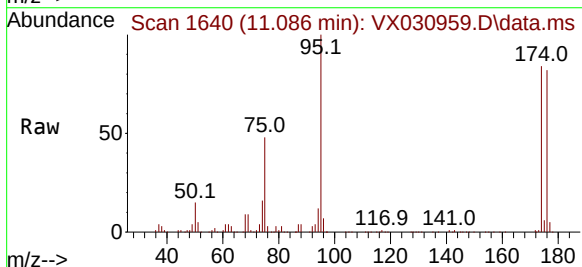
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20220819

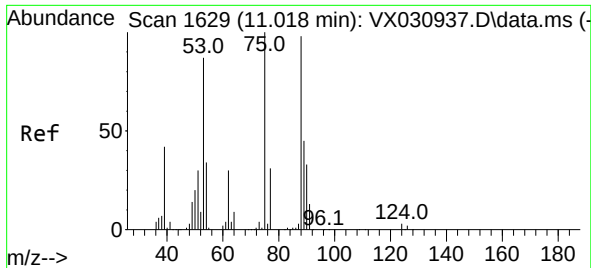
Tgt Ion:152 Resp: 108006
 Ion Ratio Lower Upper
 152 100
 115 58.4 40.5 121.5
 150 159.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.124 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030959.D
 Acq: 30 Aug 2022 23:16

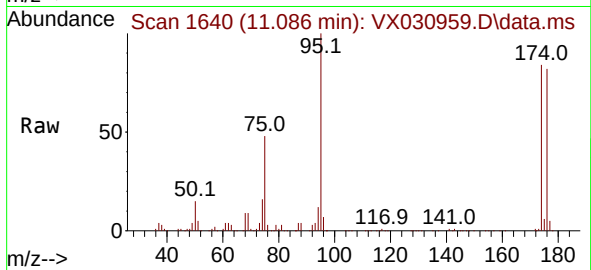
Tgt Ion: 75 Resp: 66805
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.698 ug/l
 RT: 11.086 min Scan# 1
 Delta R.T. 0.062 min
 Lab File: VX030959.D
 Acq: 30 Aug 2022 23:16

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20220819



Tgt Ion: 75 Resp: 66805
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

