

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030326.D
 Acq On : 01 Aug 2022 16:41
 Operator : JC/MD
 Sample : N3861-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-072222

Quant Time: Aug 02 01:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

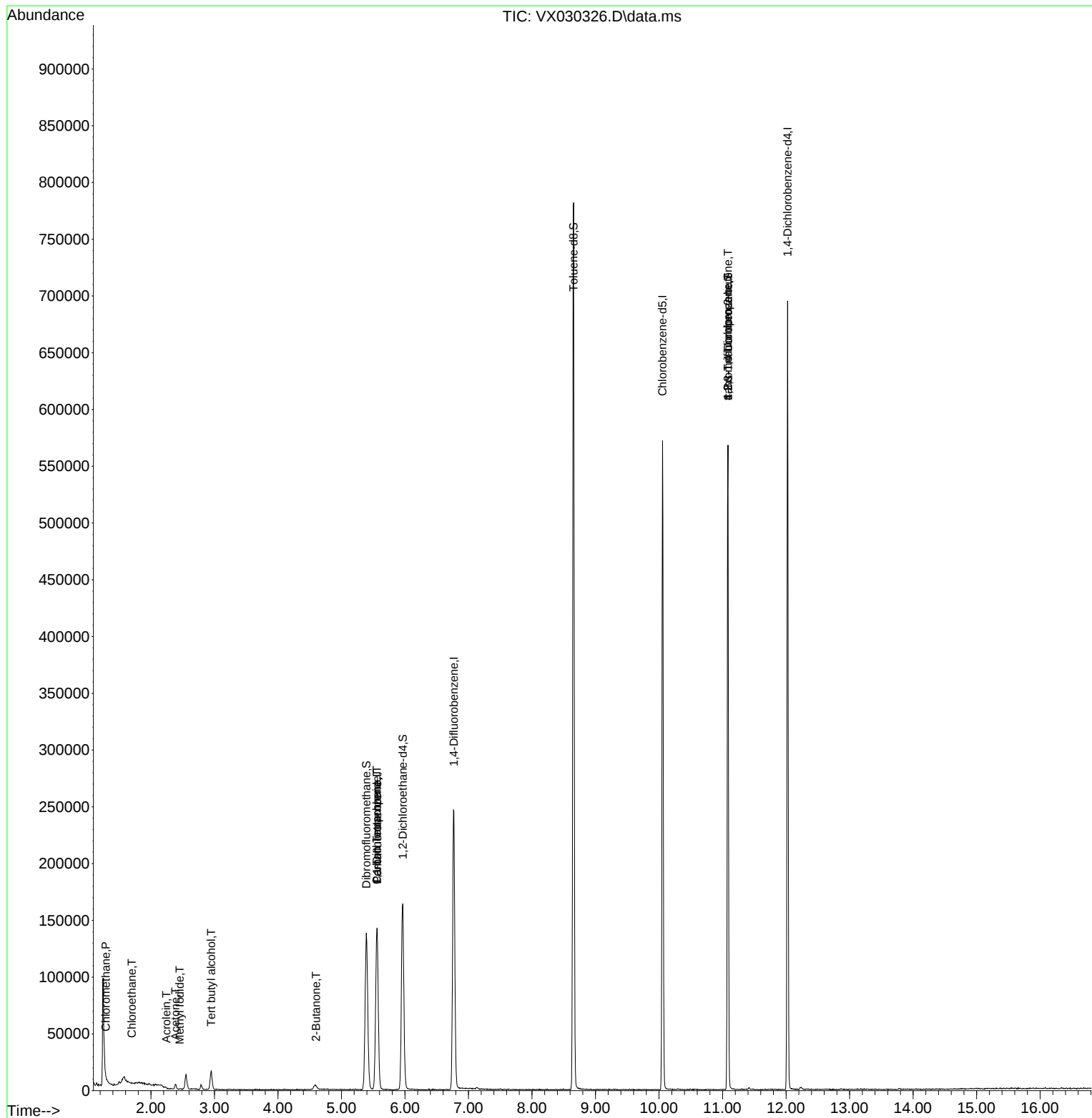
Internal Standards						
1) Pentafluorobenzene	5.562	168	134330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	153391	56.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.620%
35) Dibromofluoromethane	5.391	113	124123	50.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	8.653	98	461805	48.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.085	95	156968	44.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.600%
Target Compounds						Qvalue
3) Chloromethane	1.288	50	646	0.296	ug/l	88
5) Bromomethane	1.611	94	332	Below Cal	#	79
6) Chloroethane	1.697	64	345	0.273	ug/l #	41
10) Methyl Iodide	2.453	142	386	1.704	ug/l #	82
11) Tert butyl alcohol	2.946	59	9364	14.218	ug/l #	76
13) Acrolein	2.239	56	54	0.334	ug/l #	1
16) Acetone	2.386	43	4735	3.425	ug/l #	81
20) Methylene Chloride	2.788	84	1558	Below Cal	#	54
25) 2-Butanone	4.599	43	1008	0.434	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	11096	3.163	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13257	4.048	ug/l #	17
67) Ethyl Benzene	10.201	91	115	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	77788	21.507	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	77788	64.518	ug/l #	13

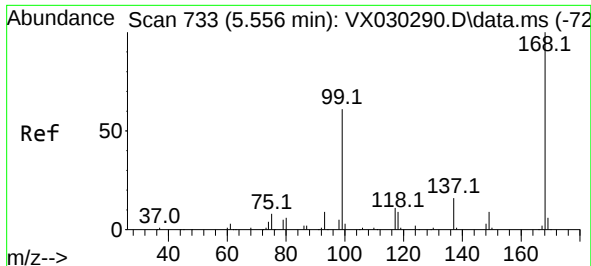
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
Data File : VX030326.D
Acq On : 01 Aug 2022 16:41
Operator : JC/MD
Sample : N3861-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-072222

Quant Time: Aug 02 01:54:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

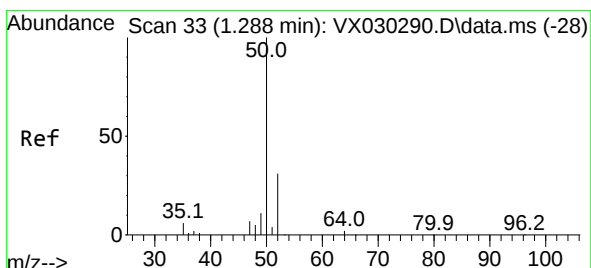
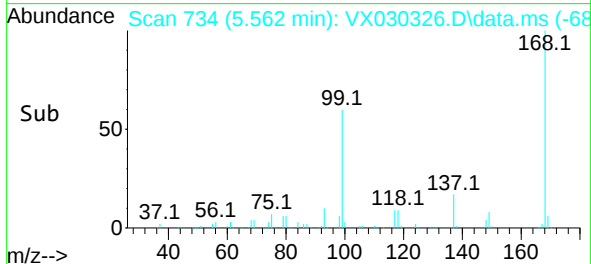
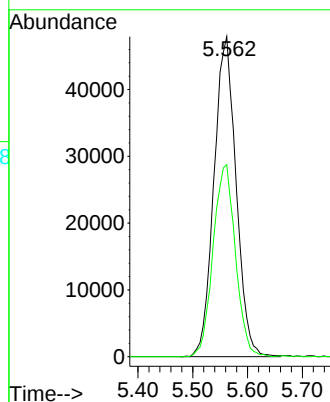
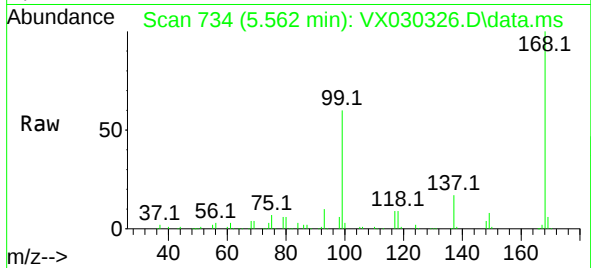




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

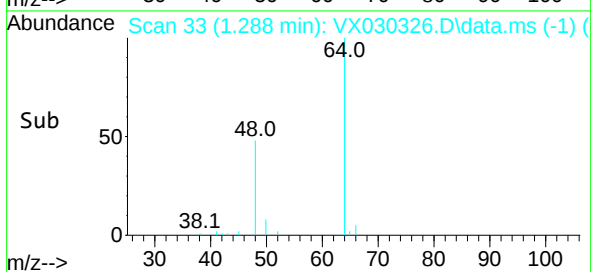
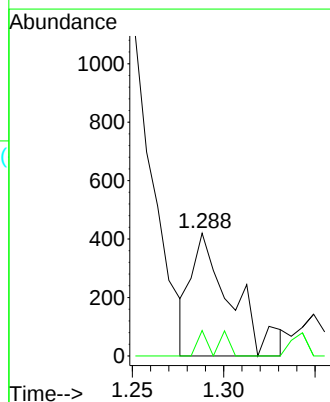
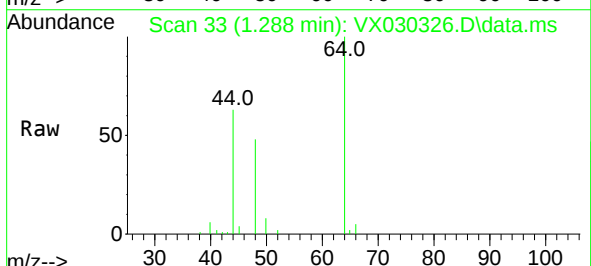
Instrument :
MSVOA_X
ClientSampleId :
FB-072222

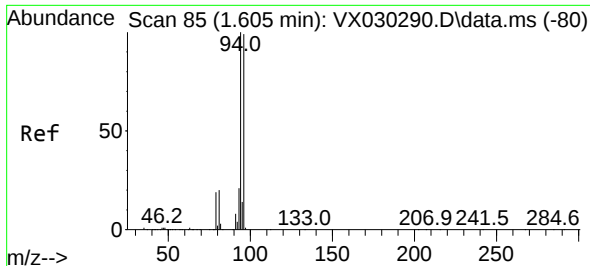
Tgt Ion:168 Resp: 134330
Ion Ratio Lower Upper
168 100
99 60.0 44.0 66.0



#3
Chloromethane
Concen: 0.296 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 26.4 26.3 39.5

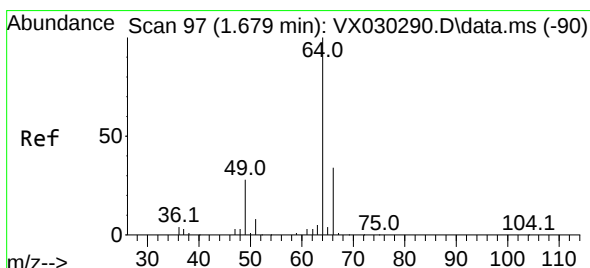
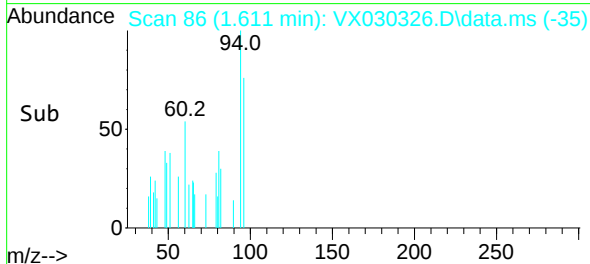
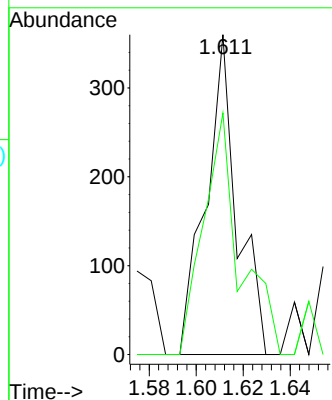
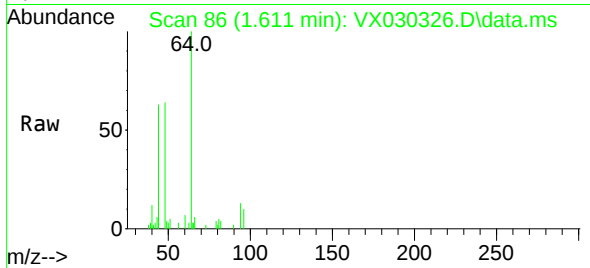




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

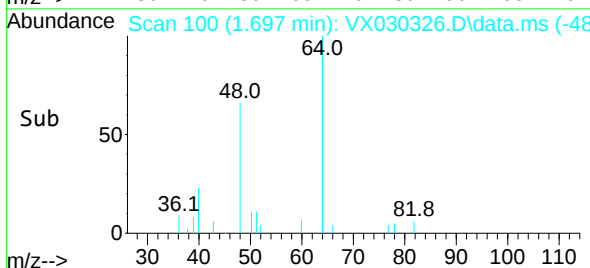
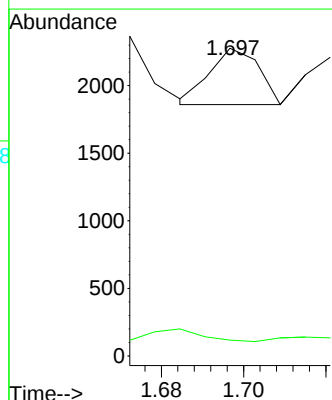
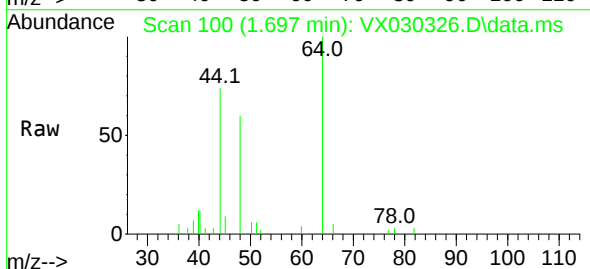
Instrument :
MSVOA_X
ClientSampleId :
FB-072222

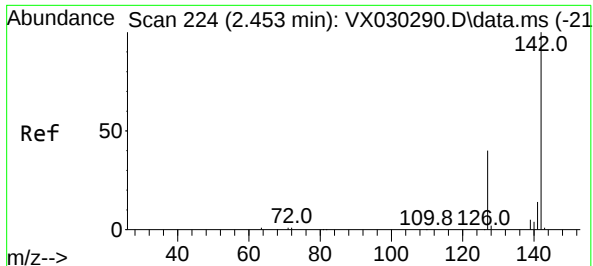
Tgt Ion: 94 Resp: 332
Ion Ratio Lower Upper
94 100
96 75.6 76.9 115.3#



#6
Chloroethane
Concen: 0.273 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

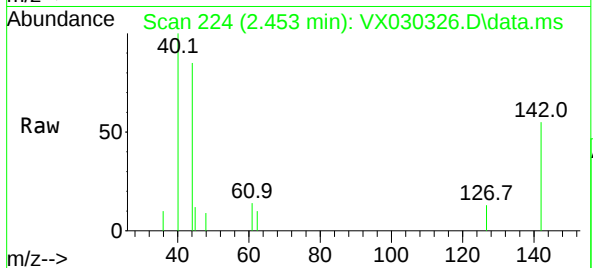
Tgt Ion: 64 Resp: 345
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



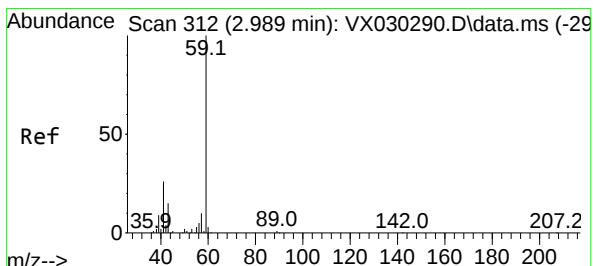
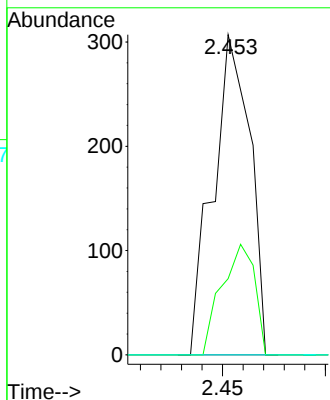
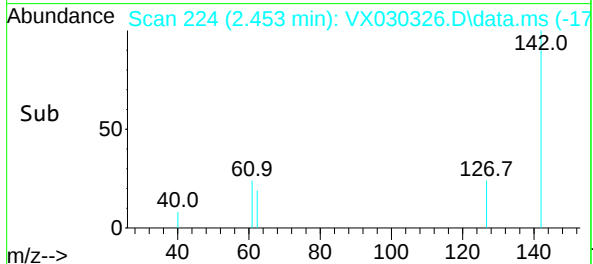


#10
Methyl Iodide
Concen: 1.704 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
FB-072222

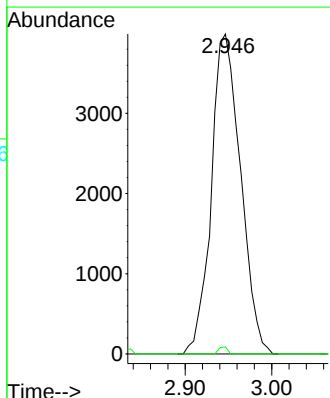
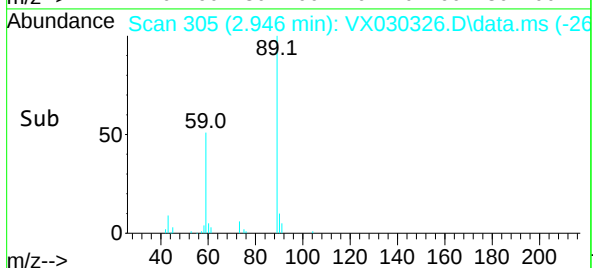
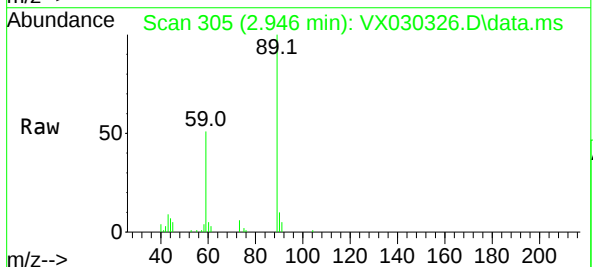


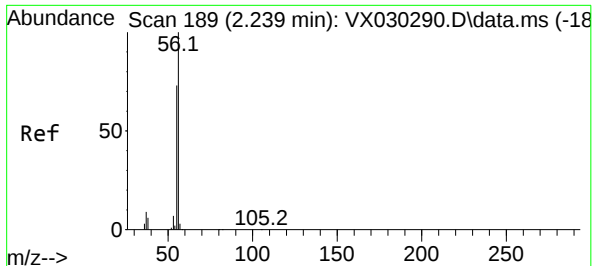
Tgt Ion:142 Resp: 386
Ion Ratio Lower Upper
142 100
127 30.6 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 14.218 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 59 Resp: 9364
Ion Ratio Lower Upper
59 100
57 0.7 7.4 11.2#

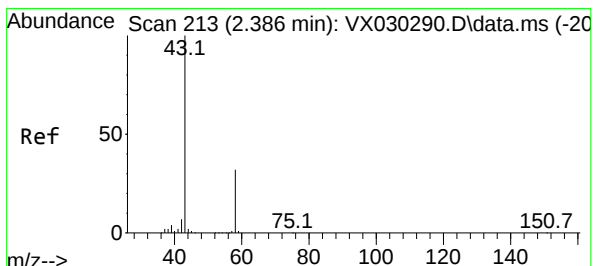
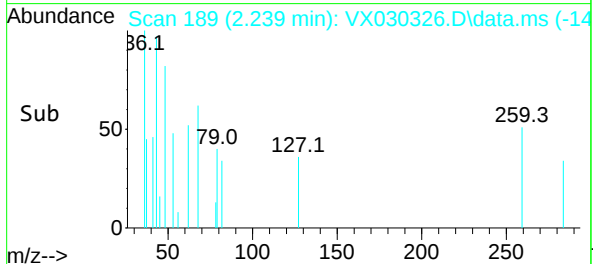
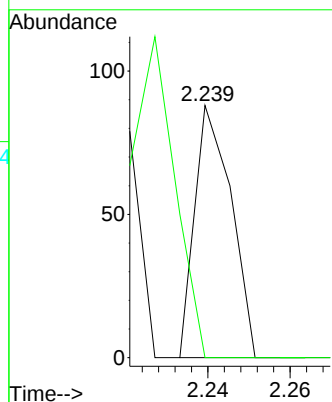
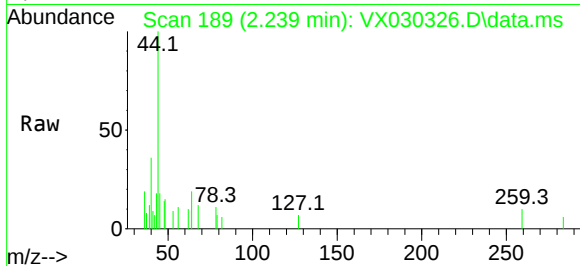




#13
Acrolein
Concen: 0.334 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

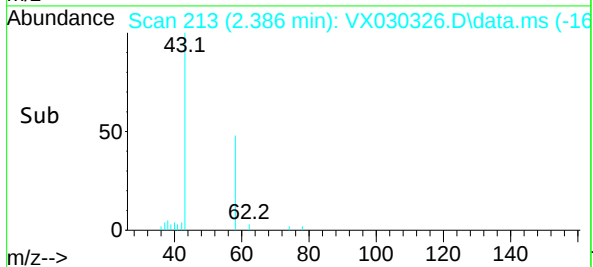
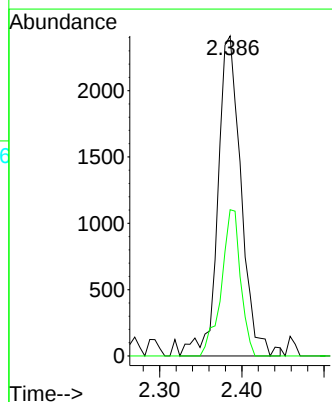
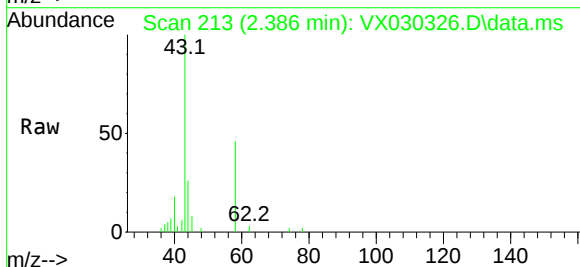
Instrument :
MSVOA_X
ClientSampleId :
FB-072222

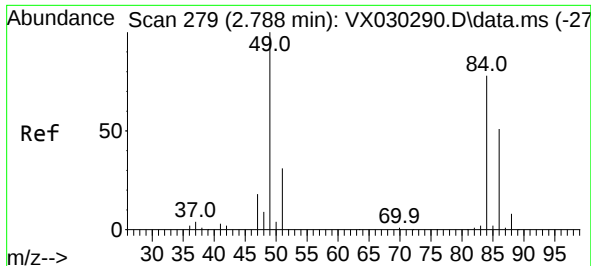
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 155.6 56.6 84.8#



#16
Acetone
Concen: 3.425 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 43 Resp: 4735
Ion Ratio Lower Upper
43 100
58 45.7 27.7 41.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030326.D

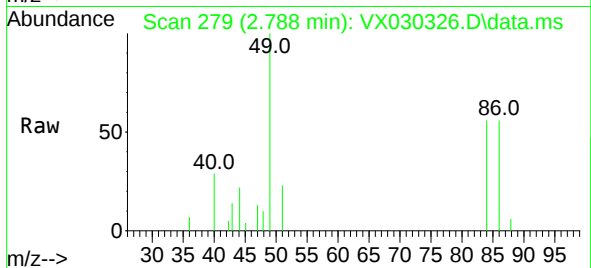
Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

FB-072222



Tgt Ion: 84 Resp: 1558

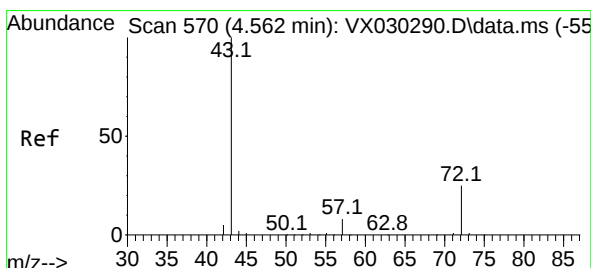
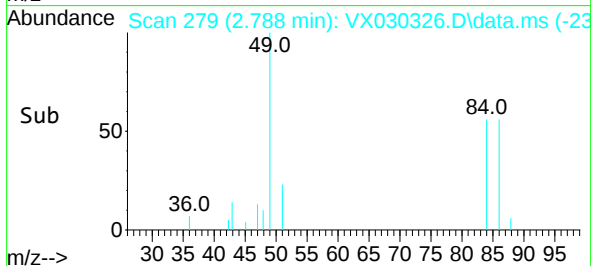
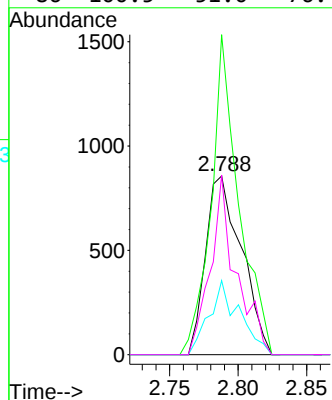
Ion Ratio Lower Upper

84 100

49 179.0 93.8 140.6#

51 41.4 29.4 44.0

86 100.5 51.0 76.4#



#25

2-Butanone

Concen: 0.434 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX030326.D

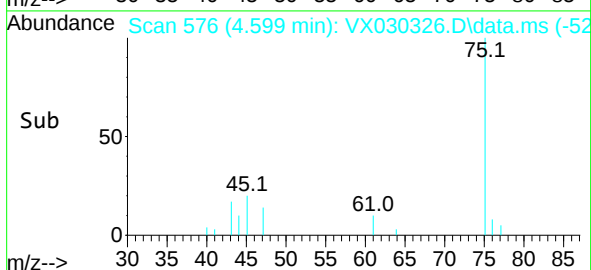
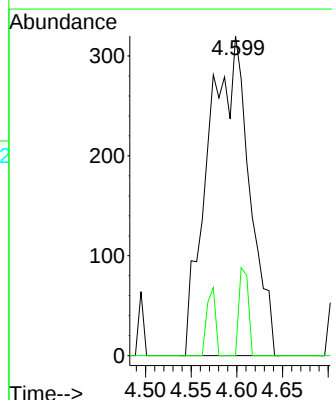
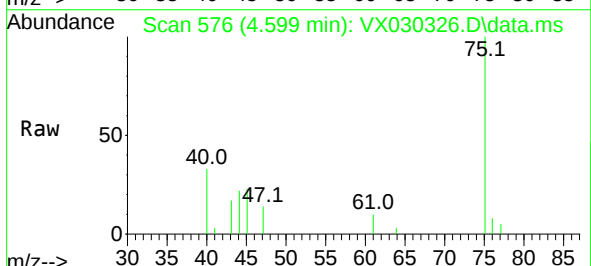
Acq: 01 Aug 2022 16:41

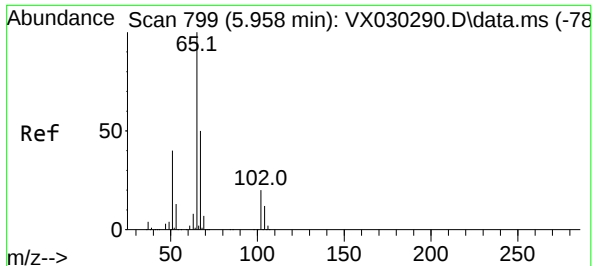
Tgt Ion: 43 Resp: 1008

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 56.813 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030326.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

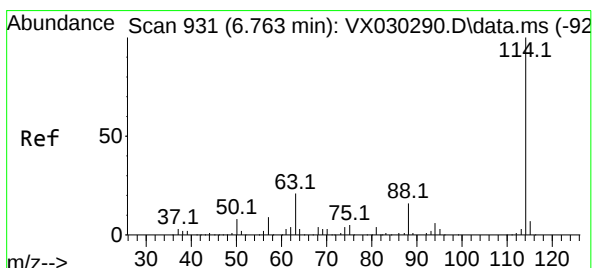
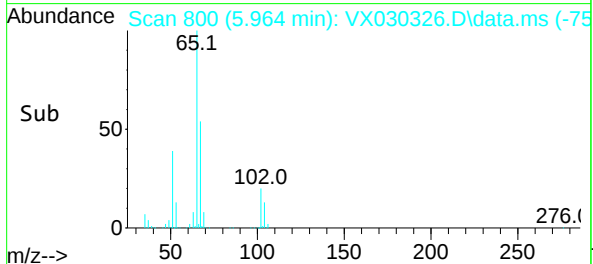
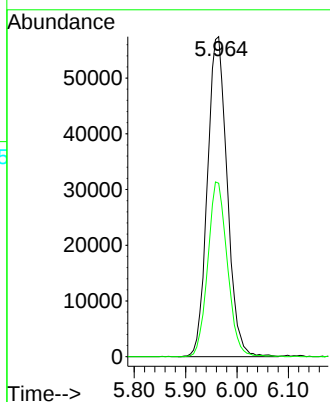
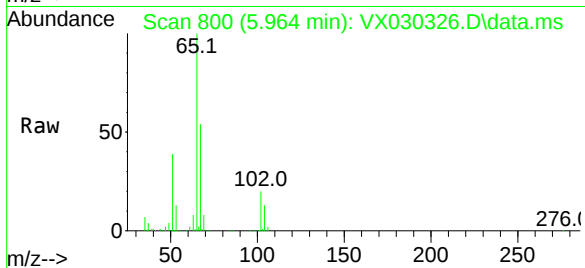
FB-072222

Tgt Ion: 65 Resp: 153391

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030326.D

Acq: 01 Aug 2022 16:41

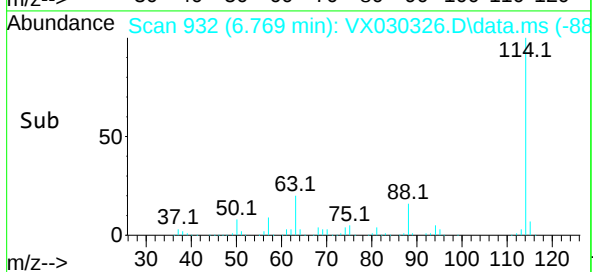
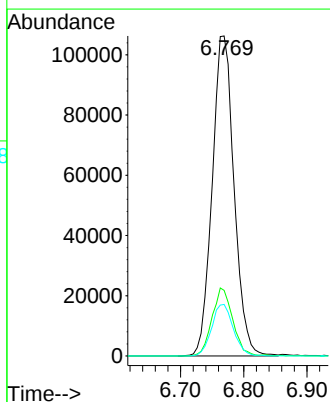
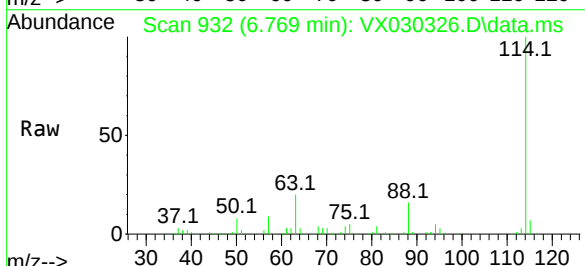
Tgt Ion: 114 Resp: 254992

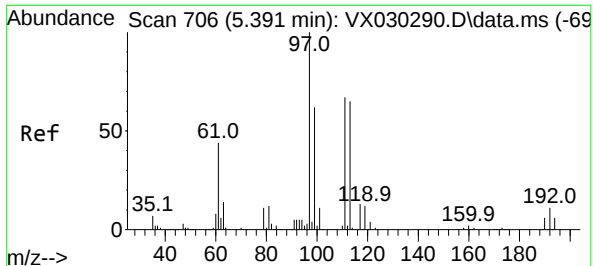
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

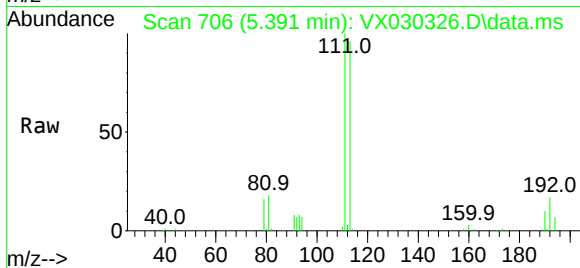
88 16.1 0.0 31.8



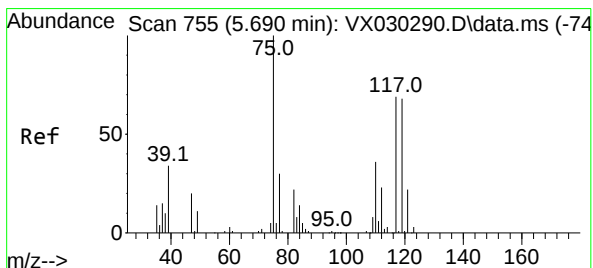
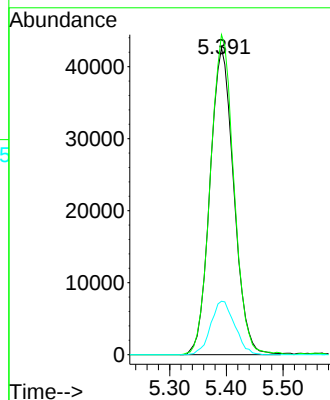
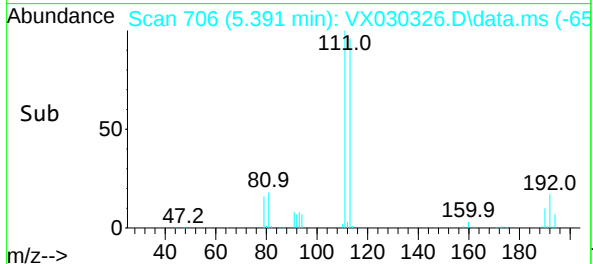


#35
Dibromofluoromethane
Concen: 50.920 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

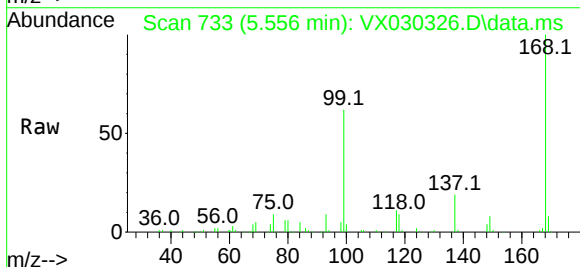
Instrument :
MSVOA_X
ClientSampleId :
FB-072222



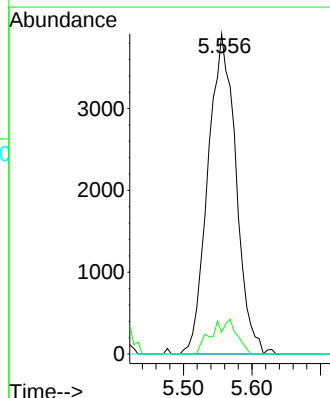
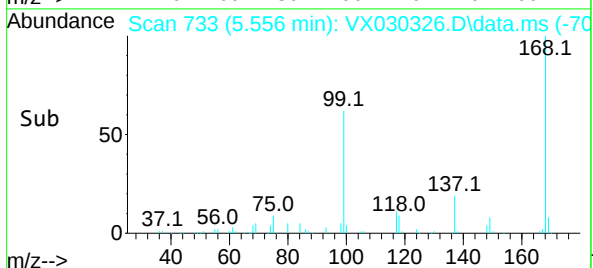
Tgt Ion:113 Resp: 124123
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.5 14.8 22.2

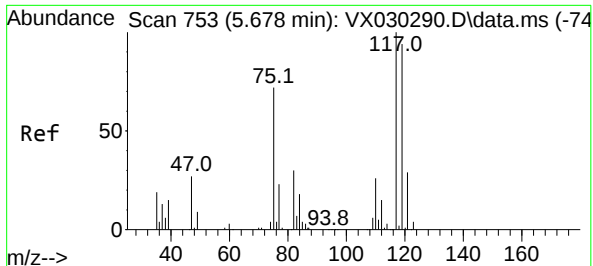


#36
1,1-Dichloropropene
Concen: 3.163 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41



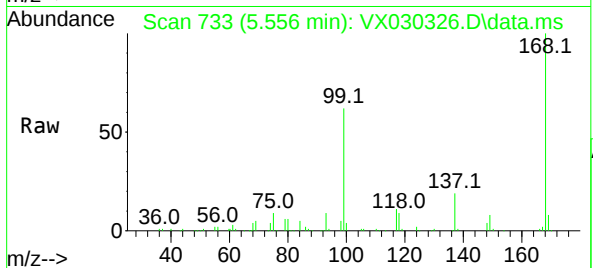
Tgt Ion: 75 Resp: 11096
Ion Ratio Lower Upper
75 100
110 9.7 19.3 57.9#
77 0.0 24.4 36.6#



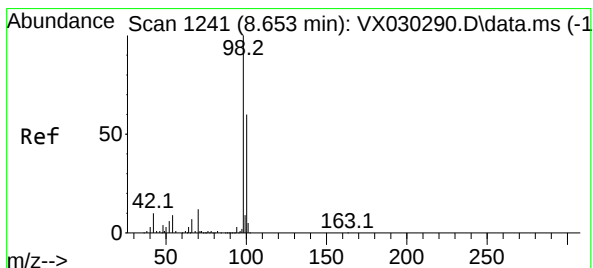
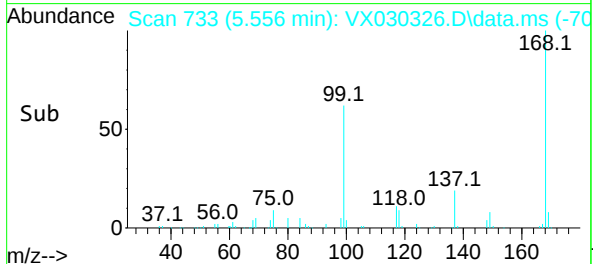
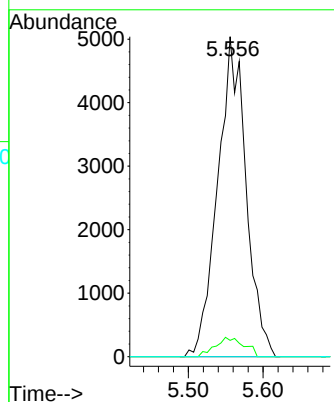


#38
Carbon Tetrachloride
Concen: 4.048 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
FB-072222

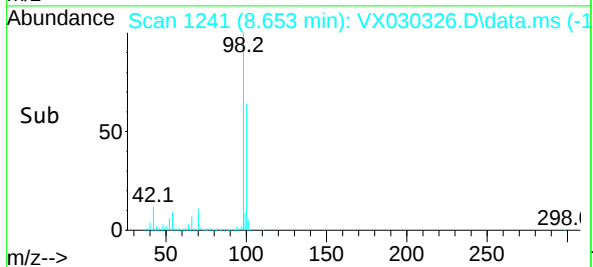
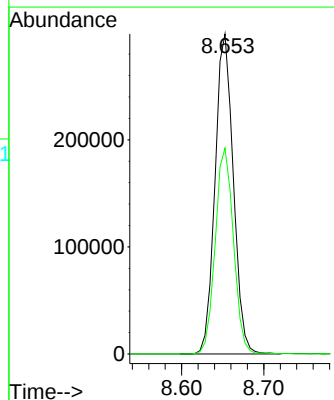
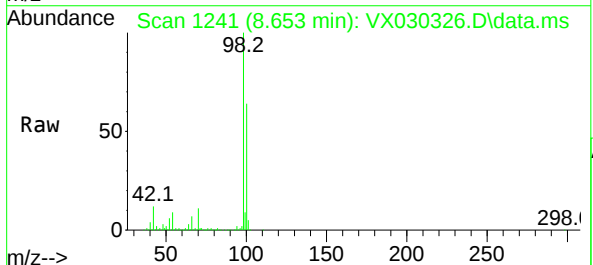


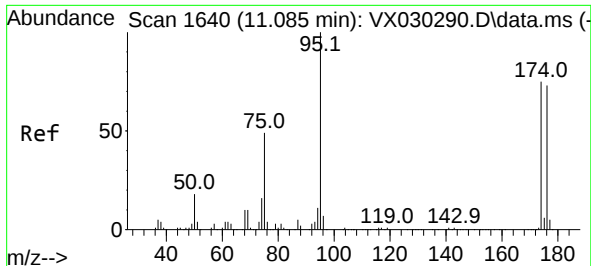
Tgt Ion:117 Resp: 13257
Ion Ratio Lower Upper
117 100
119 5.1 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.920 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 98 Resp: 461805
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 44.804 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030326.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

FB-072222

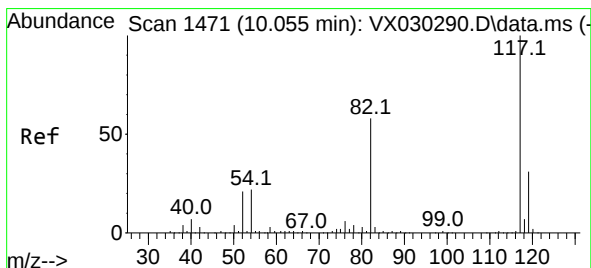
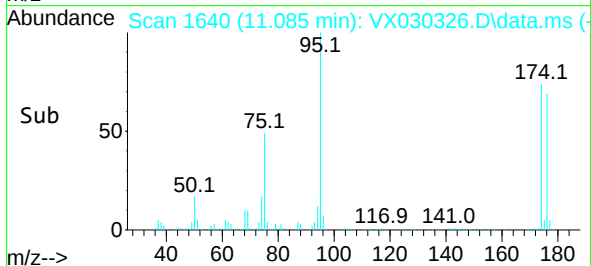
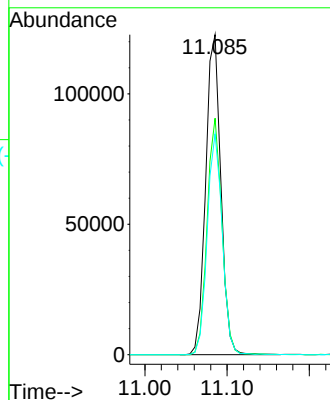
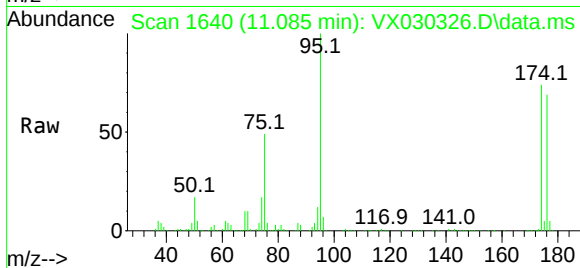
Tgt Ion: 95 Resp: 156968

Ion Ratio Lower Upper

95 100

174 72.7 0.0 149.0

176 68.4 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: VX030326.D

Acq: 01 Aug 2022 16:41

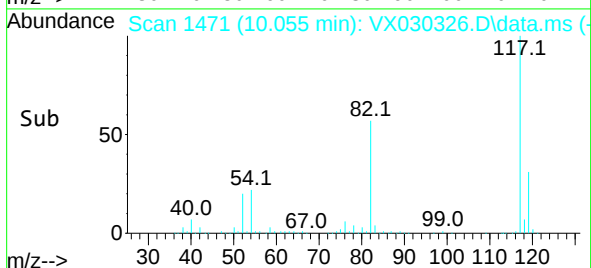
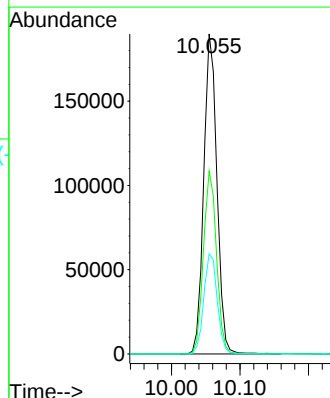
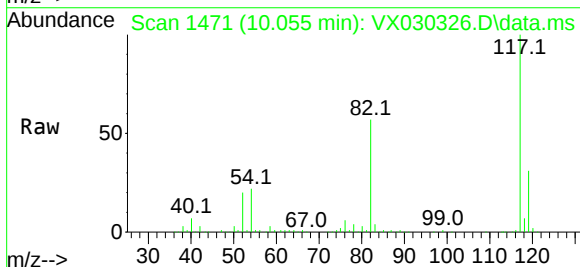
Tgt Ion: 117 Resp: 254407

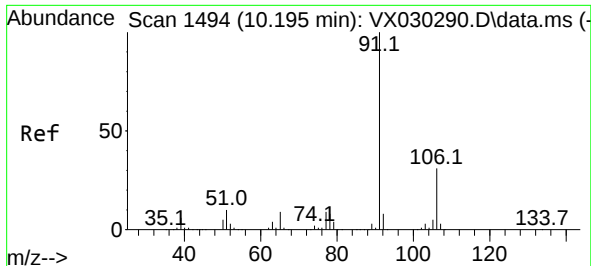
Ion Ratio Lower Upper

117 100

82 57.2 42.7 64.1

119 31.3 25.4 38.2

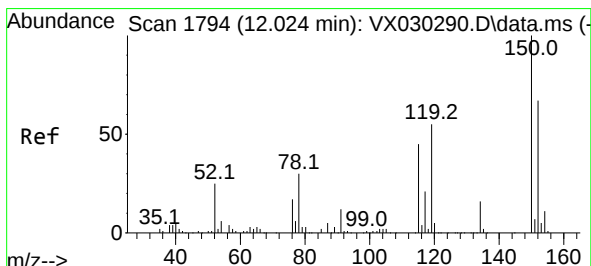
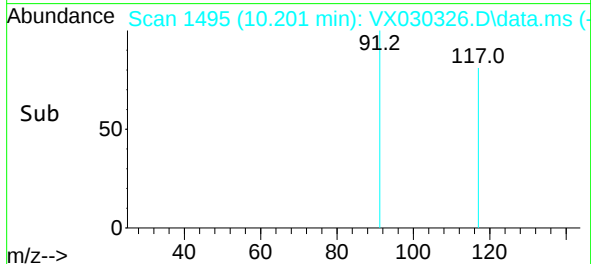
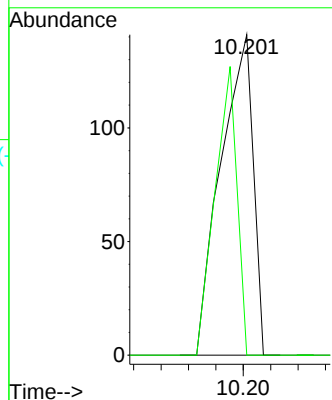
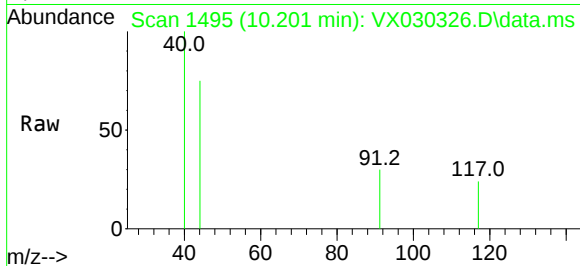




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

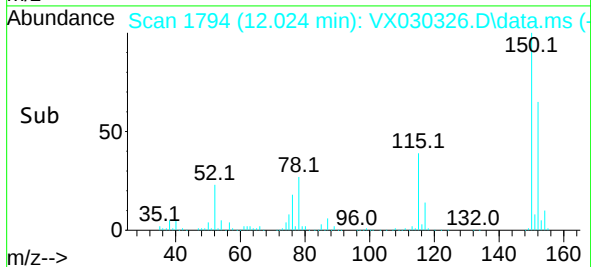
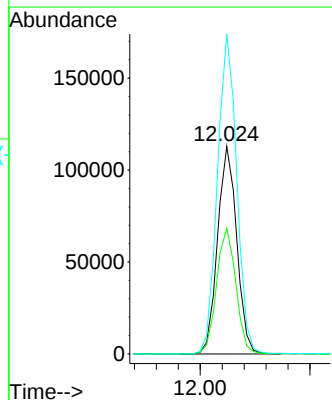
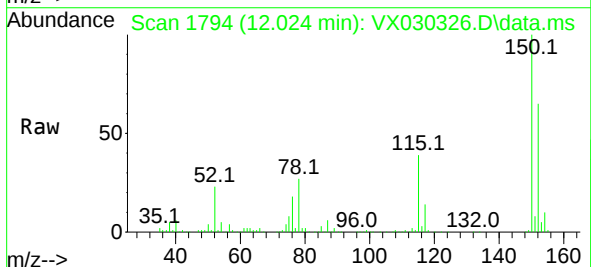
Instrument :
MSVOA_X
ClientSampleId :
FB-072222

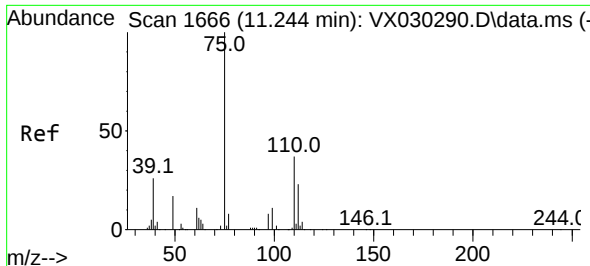
Tgt Ion: 91 Resp: 115
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 152 Resp: 137216
Ion Ratio Lower Upper
152 100
115 60.9 40.5 121.5
150 155.4 0.0 347.0

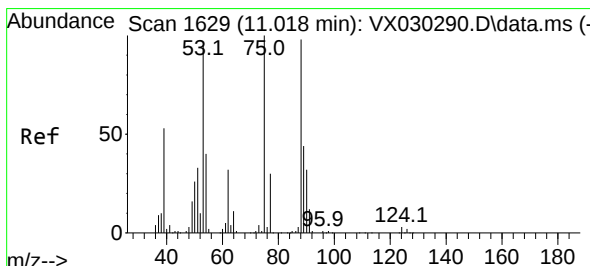
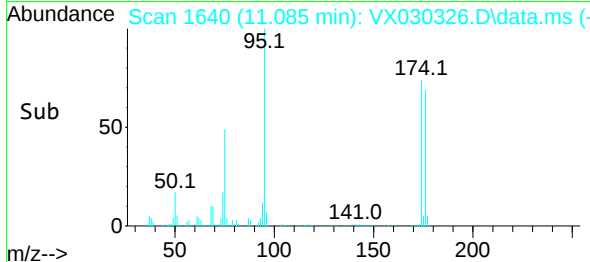
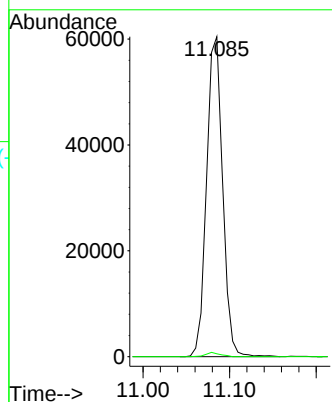
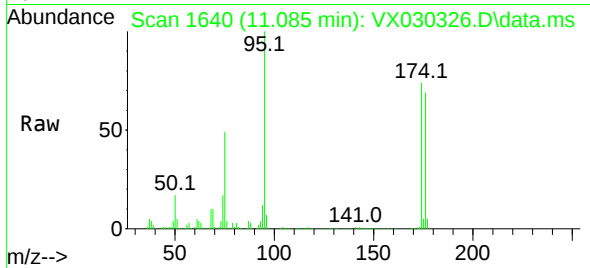




#76
1,2,3-Trichloropropane
Concen: 21.507 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
FB-072222

Tgt Ion: 75 Resp: 77788
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.518 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030326.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 75 Resp: 77788
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

