

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030325.D
 Acq On : 01 Aug 2022 16:18
 Operator : JC/MD
 Sample : N3861-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-072122

Quant Time: Aug 02 01:54:18 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)

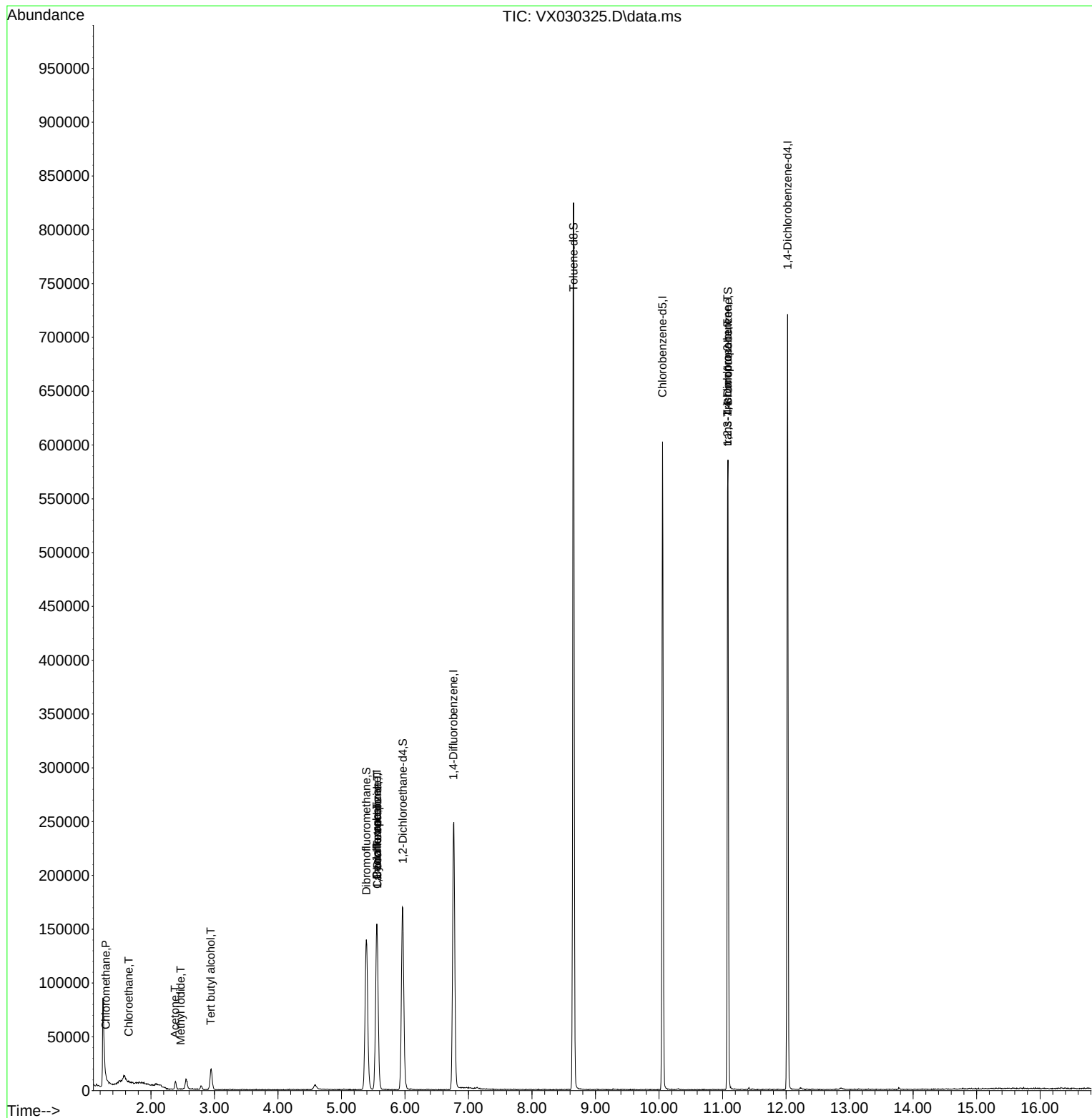
Internal Standards						
1) Pentafluorobenzene	5.556	168	142780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	157723	54.960	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.920%		
35) Dibromofluoromethane	5.391	113	125747	51.052	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.100%		
50) Toluene-d8	8.653	98	478718	50.186	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.380%		
62) 4-Bromofluorobenzene	11.085	95	164616	46.501	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	629	0.271	ug/l #	83
5) Bromomethane	1.605	94	349	Below Cal	#	49
6) Chloroethane	1.648	64	972	0.724	ug/l #	58
10) Methyl Iodide	2.465	142	481	1.735	ug/l #	83
11) Tert butyl alcohol	2.941	59	11292	16.131	ug/l #	78
16) Acetone	2.380	43	8087	5.504	ug/l	93
20) Methylene Chloride	2.794	84	1555	Below Cal		96
31) Cyclohexane	5.556	56	3262	0.783	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12288	3.467	ug/l #	47
38) Carbon Tetrachloride	5.562	117	14355	4.338	ug/l #	18
67) Ethyl Benzene	10.201	91	315	Below Cal		91
76) 1,2,3-Trichloropropane	11.079	75	79018	20.802	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	79018	62.403	ug/l #	13

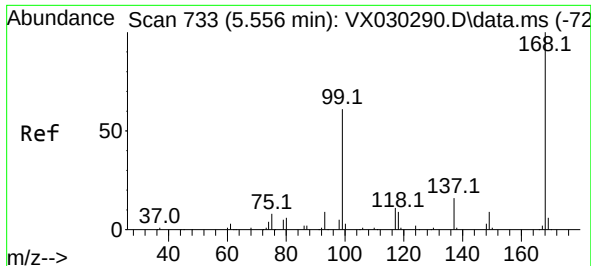
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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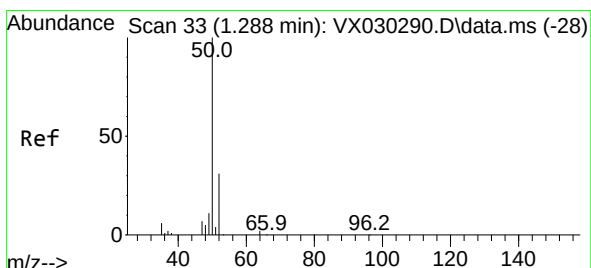
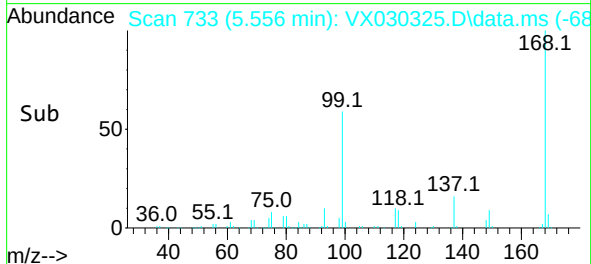
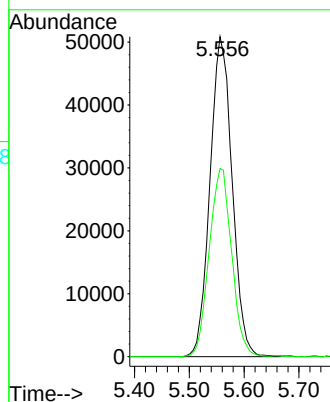
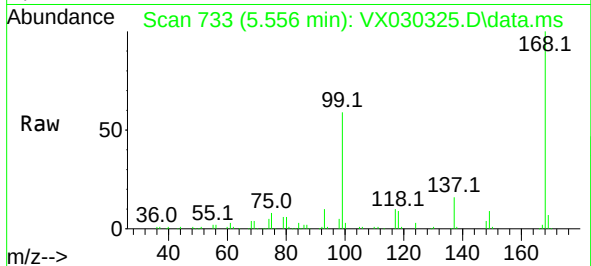




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

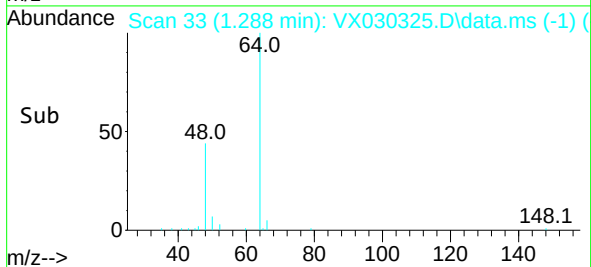
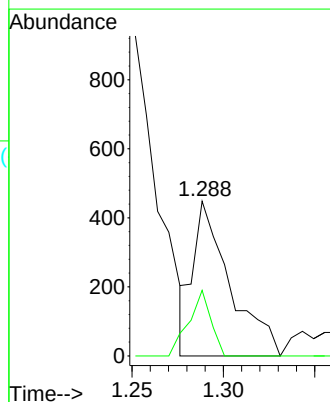
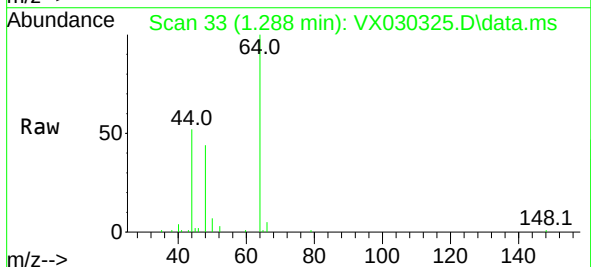
Instrument :
MSVOA_X
ClientSampleId :
FB-072122

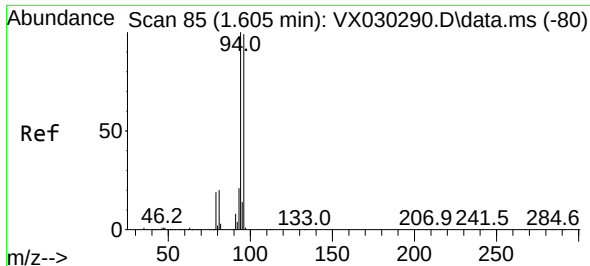
Tgt Ion:168 Resp: 142780
Ion Ratio Lower Upper
168 100
99 58.8 44.0 66.0



#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

Tgt Ion: 50 Resp: 629
Ion Ratio Lower Upper
50 100
52 42.4 26.3 39.5

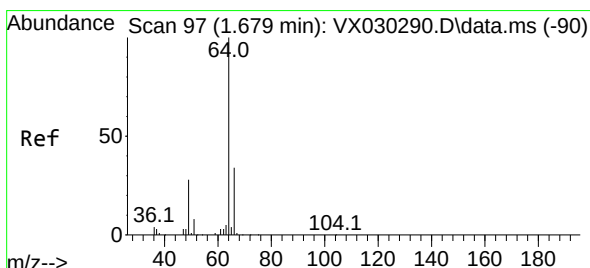
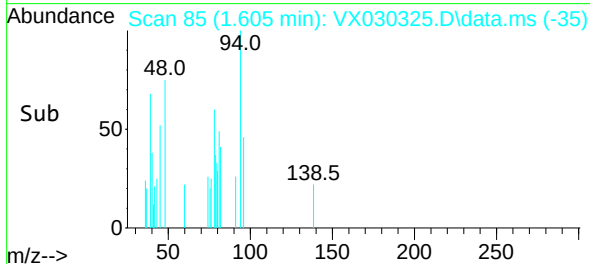
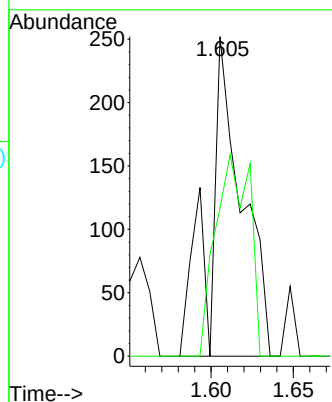
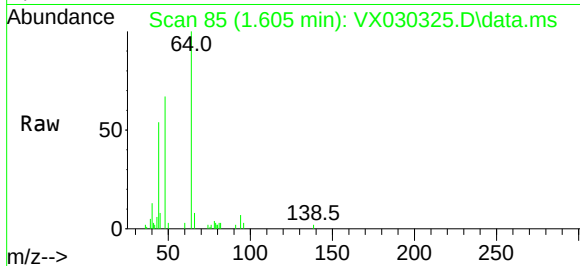




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

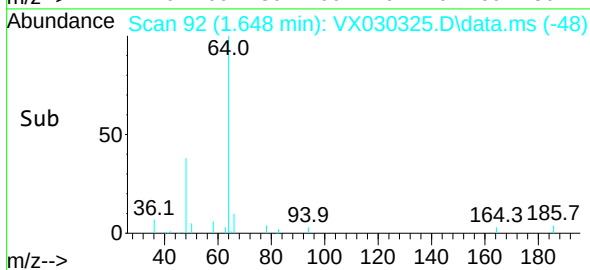
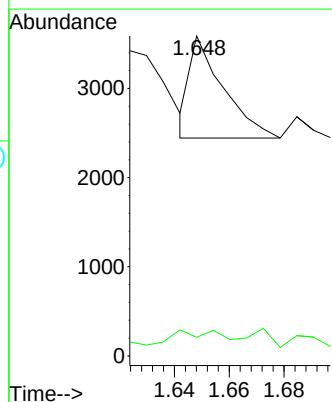
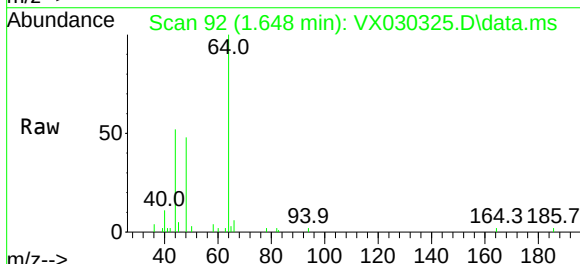
Instrument :
MSVOA_X
ClientSampleId :
FB-072122

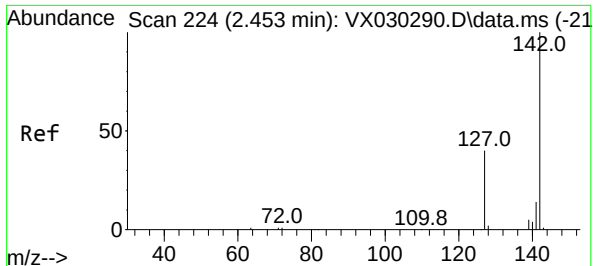
Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 46.4 76.9 115.3#



#6
Chloroethane
Concen: 0.724 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.030 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

Tgt Ion: 64 Resp: 972
Ion Ratio Lower Upper
64 100
66 10.0 27.2 40.8#

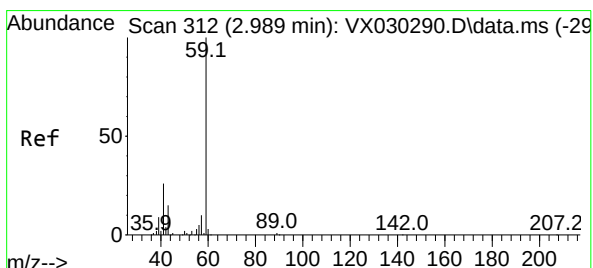
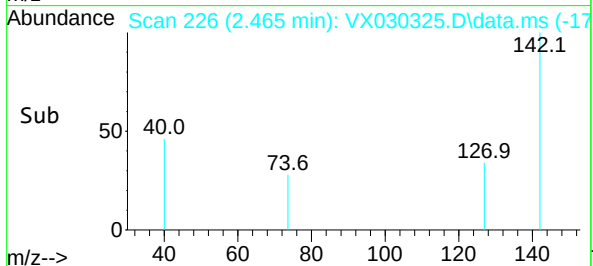
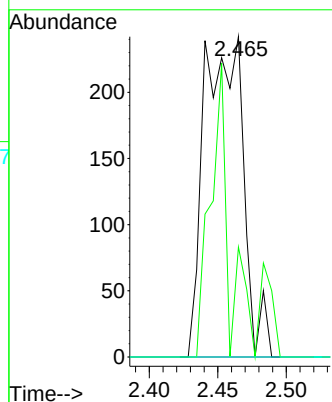
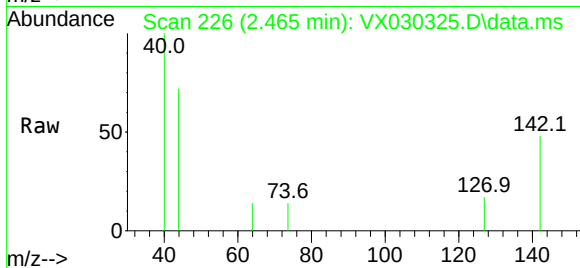




#10
Methyl Iodide
Concen: 1.735 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

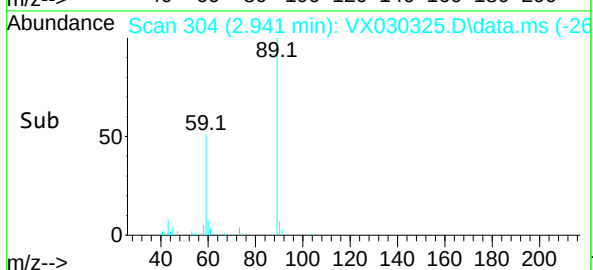
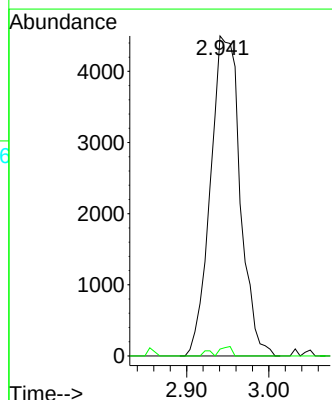
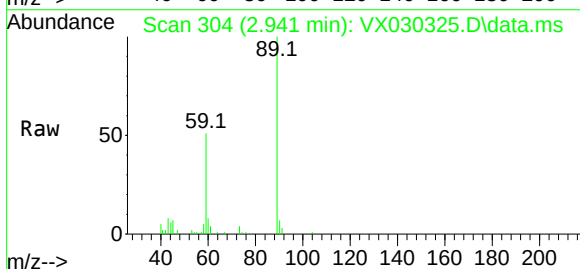
Instrument :
MSVOA_X
ClientSampleId :
FB-072122

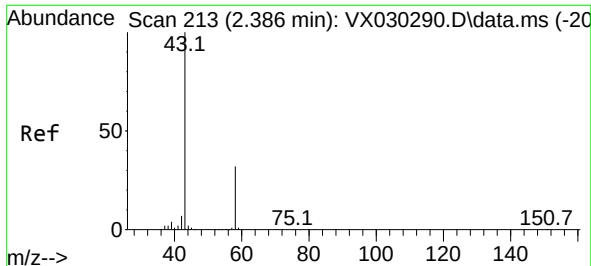
Tgt Ion:142 Resp: 481
Ion Ratio Lower Upper
142 100
127 44.3 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 16.131 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

Tgt Ion: 59 Resp: 11292
Ion Ratio Lower Upper
59 100
57 1.1 7.4 11.2#





#16

Acetone

Concen: 5.504 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.005 min

Lab File: VX030325.D

Acq: 01 Aug 2022 16:18

Instrument :

MSVOA_X

ClientSampleId :

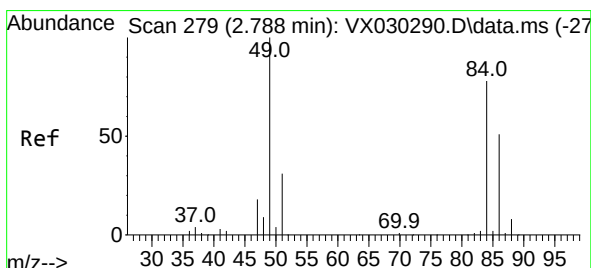
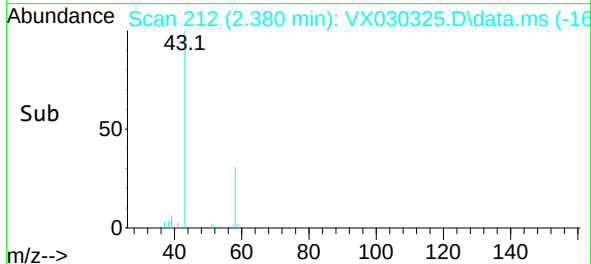
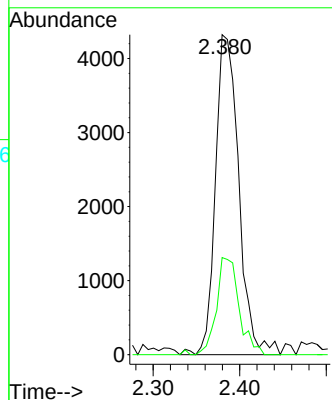
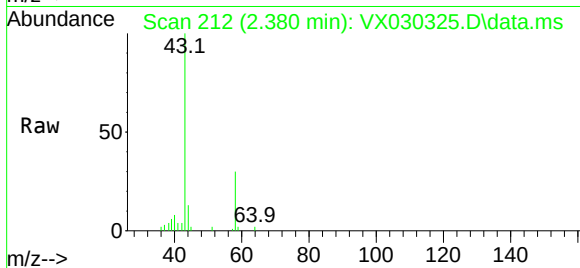
FB-072122

Tgt Ion: 43 Resp: 8087

Ion Ratio Lower Upper

43 100

58 30.3 27.7 41.5



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030325.D

Acq: 01 Aug 2022 16:18

Tgt Ion: 84 Resp: 1555

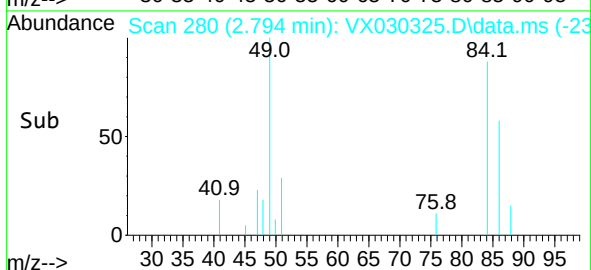
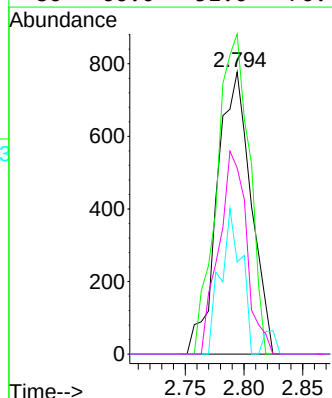
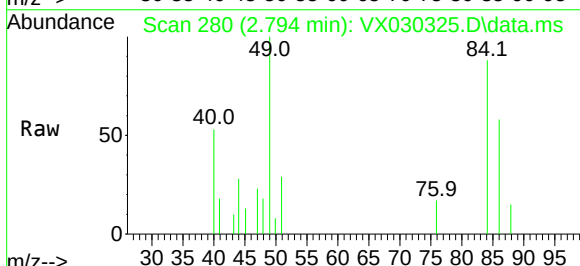
Ion Ratio Lower Upper

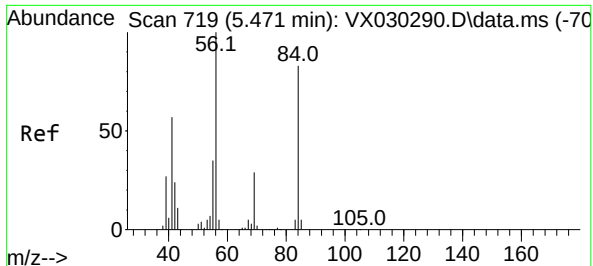
84 100

49 113.5 93.8 140.6

51 32.7 29.4 44.0

86 66.0 51.0 76.4

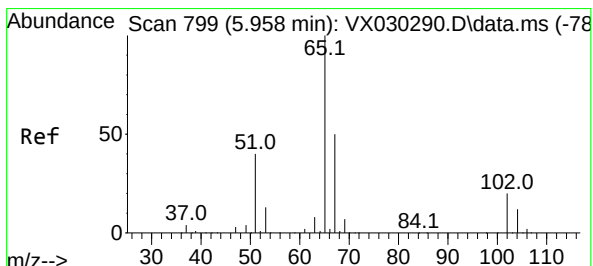
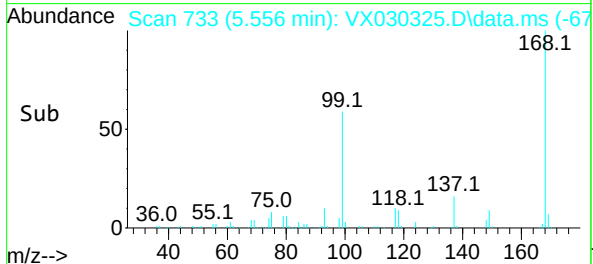
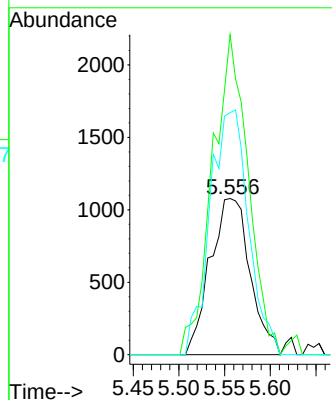
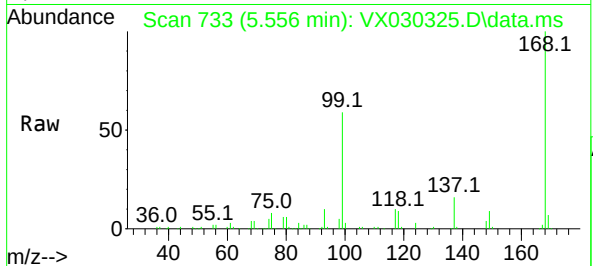




#31
Cyclohexane
Concen: 0.783 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

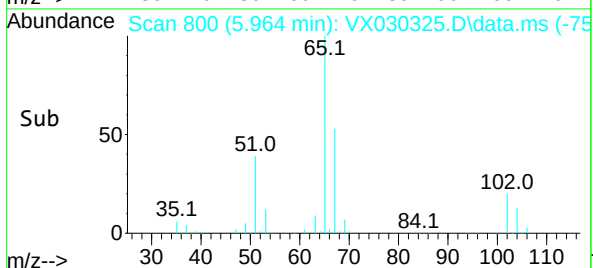
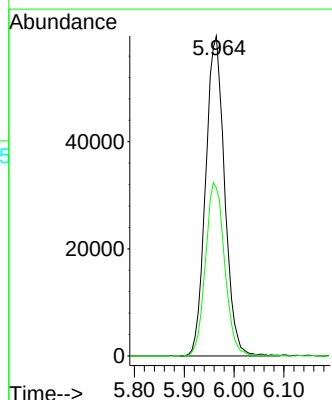
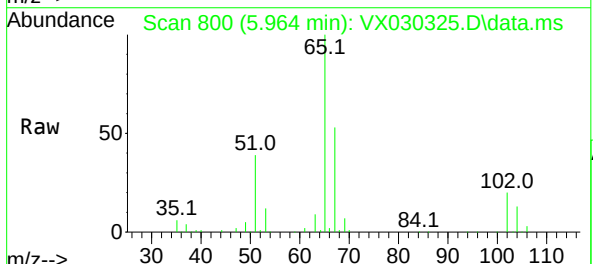
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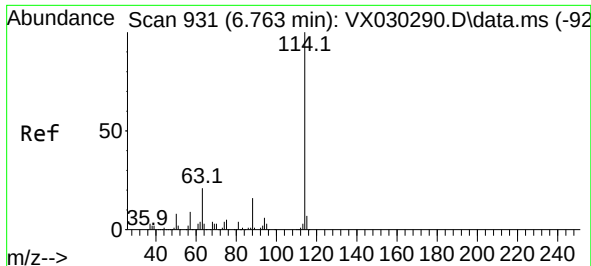
Tgt Ion: 56 Resp: 3262
Ion Ratio Lower Upper
56 100
69 204.9 25.4 38.0#
84 155.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.960 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

Tgt Ion: 65 Resp: 157723
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

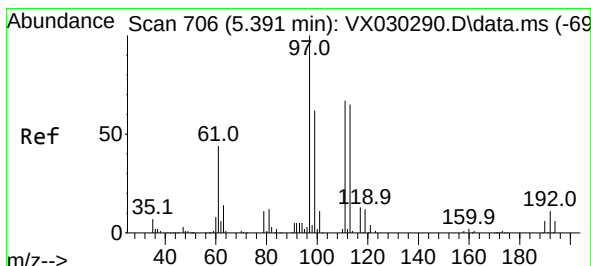
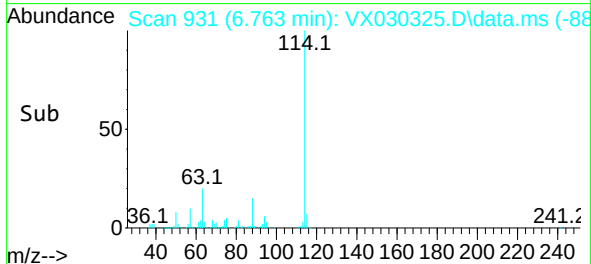
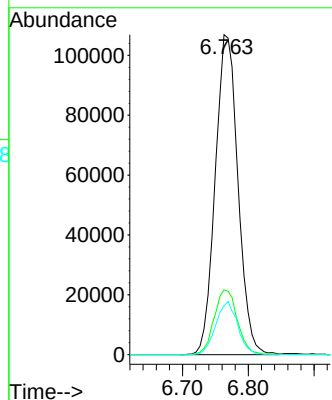
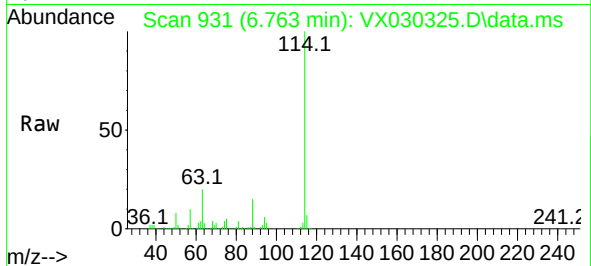




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

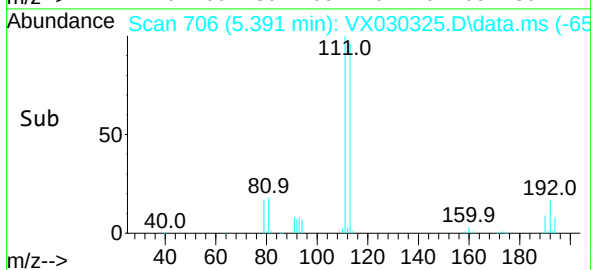
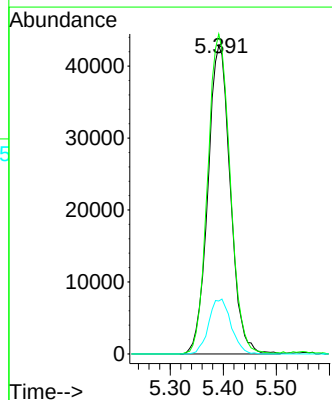
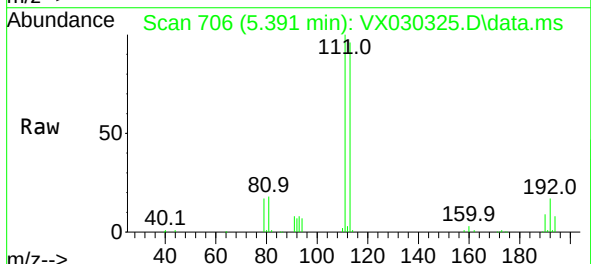
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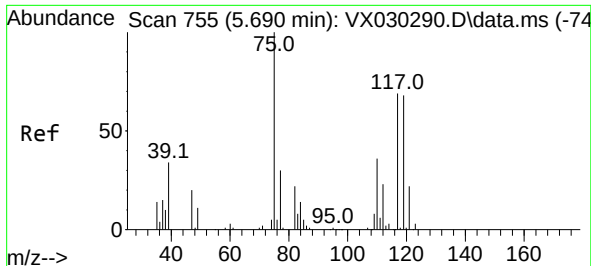
Tgt Ion:114 Resp: 257662
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.4
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

Tgt Ion:113 Resp: 125747
Ion Ratio Lower Upper
113 100
111 104.2 83.2 124.8
192 17.7 14.8 22.2

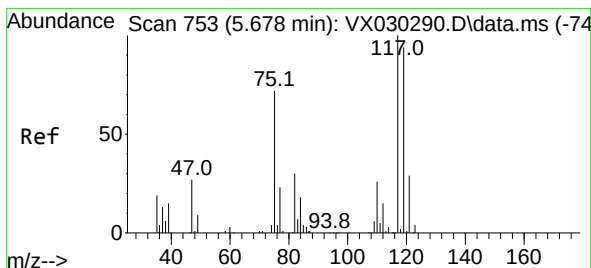
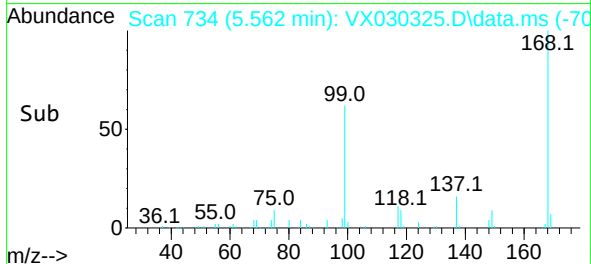
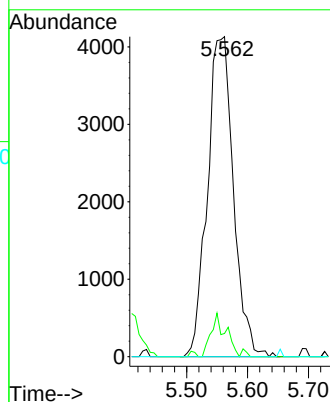
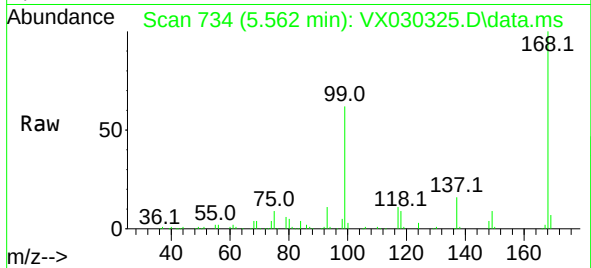




#36
1,1-Dichloropropene
Concen: 3.467 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.134 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

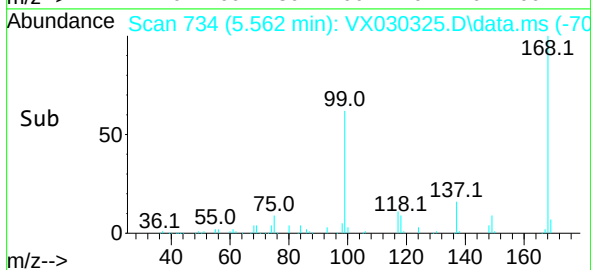
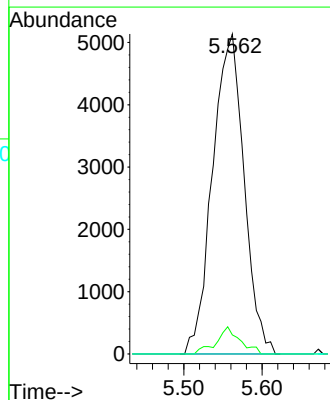
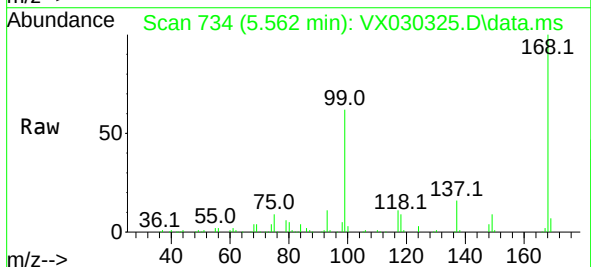
Instrument :
MSVOA_X
ClientSampleId :
FB-072122

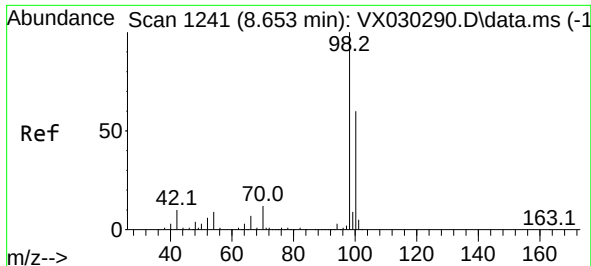
Tgt Ion: 75 Resp: 12288
Ion Ratio Lower Upper
75 100
110 7.7 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.338 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

Tgt Ion: 117 Resp: 14355
Ion Ratio Lower Upper
117 100
119 6.0 74.1 111.1#
121 0.0 25.8 38.8#

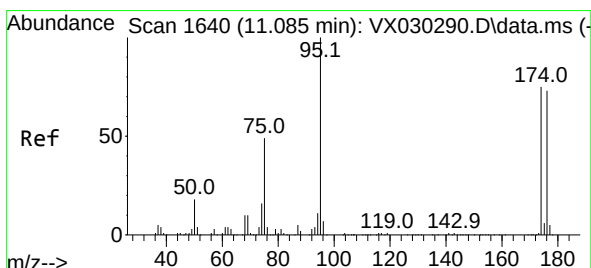
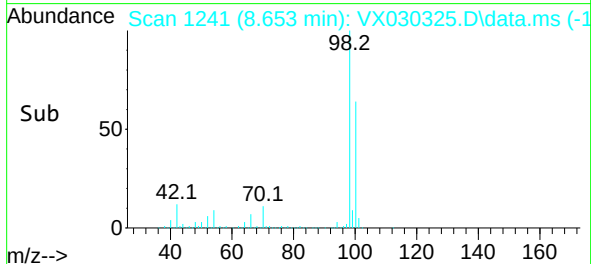
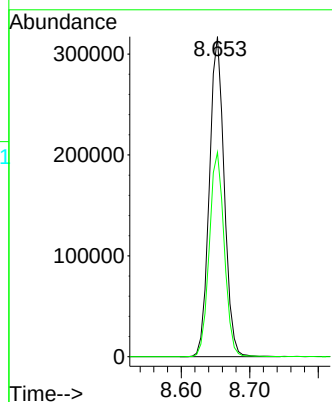
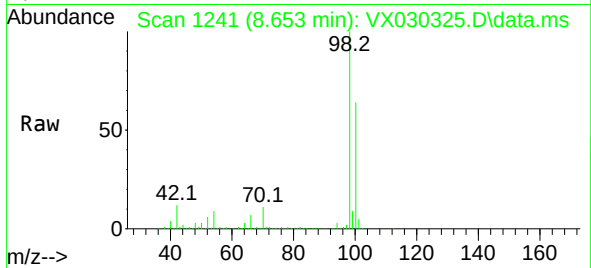




#50
Toluene-d8
Concen: 50.186 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

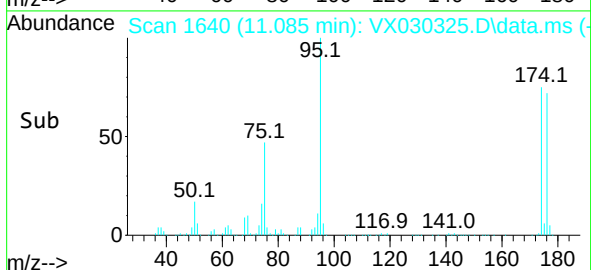
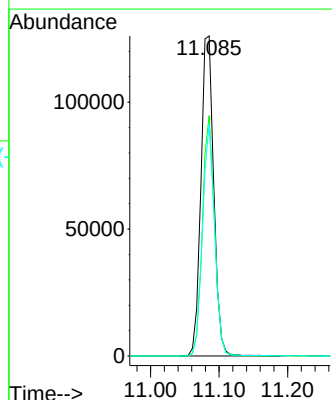
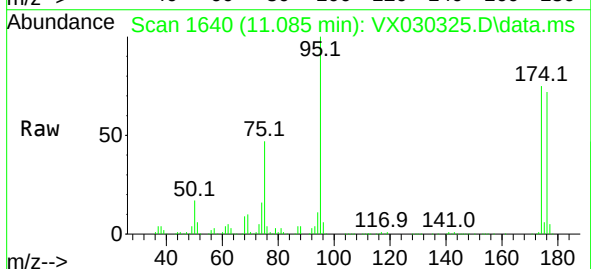
Instrument :
MSVOA_X
ClientSampleId :
FB-072122

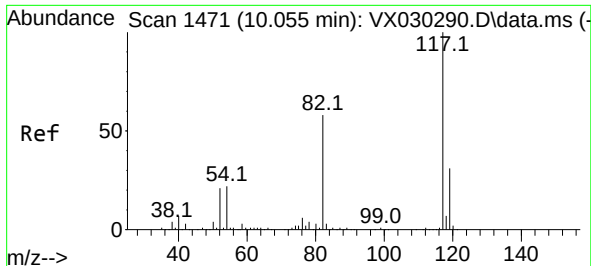
Tgt Ion: 98 Resp: 478718
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.501 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

Tgt Ion: 95 Resp: 164616
Ion Ratio Lower Upper
95 100
174 70.5 0.0 149.0
176 68.7 0.0 146.0

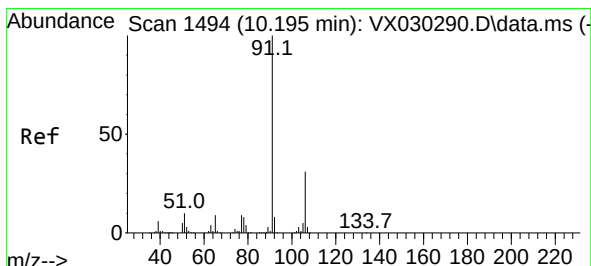
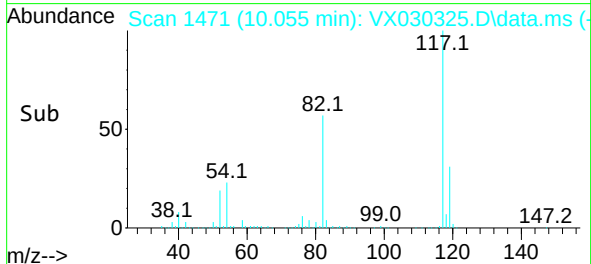
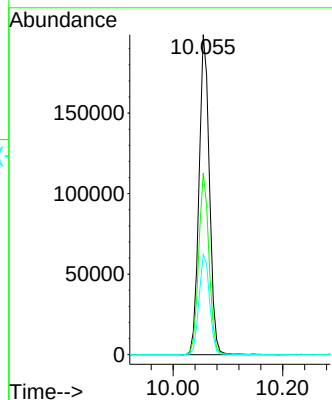
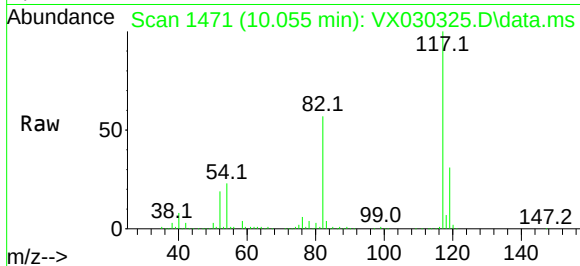




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

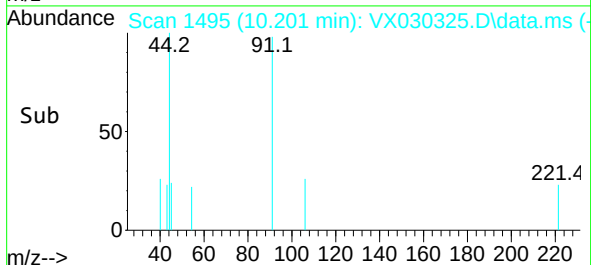
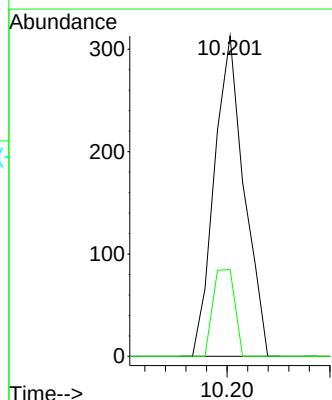
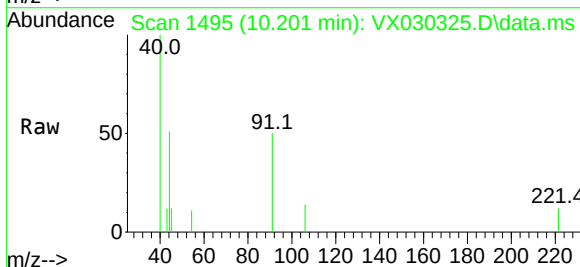
Instrument :
MSVOA_X
ClientSampleId :
FB-072122

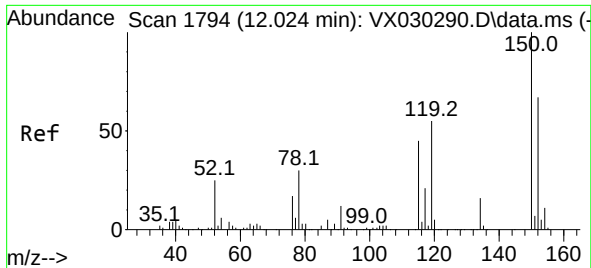
Tgt Ion:117 Resp: 263265
Ion Ratio Lower Upper
117 100
82 56.7 42.7 64.1
119 31.3 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030325.D
Acq: 01 Aug 2022 16:18

Tgt Ion: 91 Resp: 315
Ion Ratio Lower Upper
91 100
106 27.2 25.5 38.3

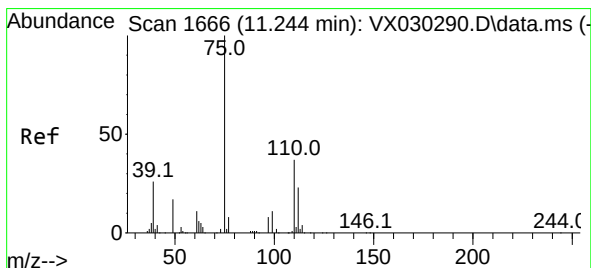
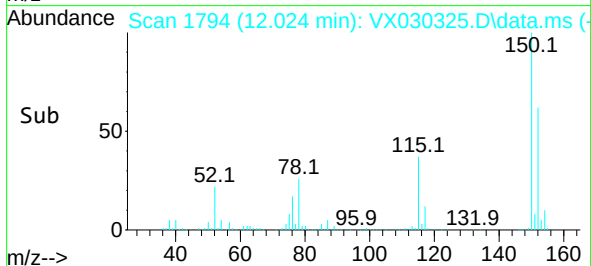
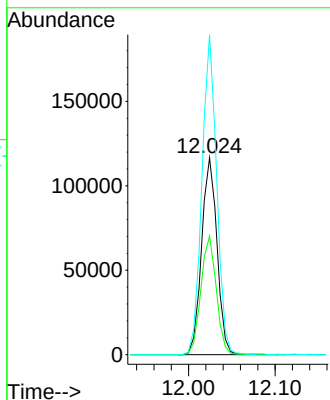
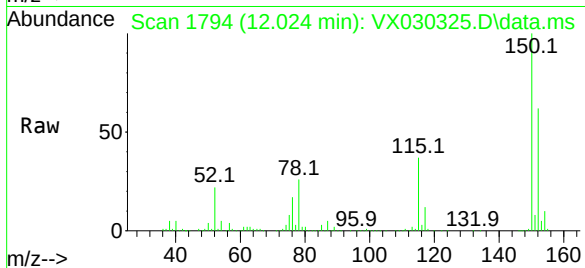




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030325.D
 Acq: 01 Aug 2022 16:18

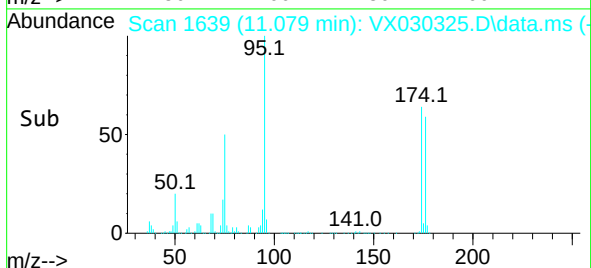
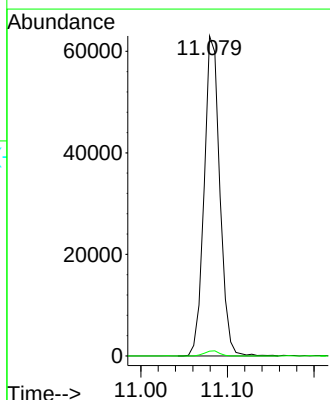
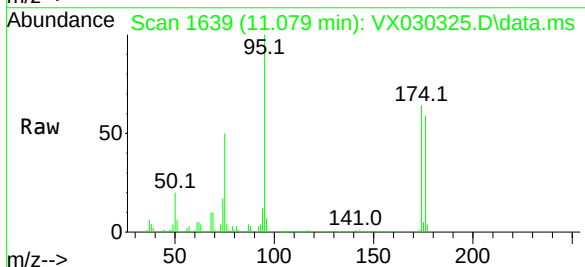
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-072122

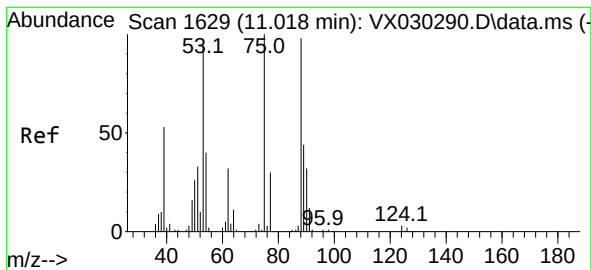
Tgt Ion:152 Resp: 144109
 Ion Ratio Lower Upper
 152 100
 115 59.9 40.5 121.5
 150 155.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.802 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX030325.D
 Acq: 01 Aug 2022 16:18

Tgt Ion: 75 Resp: 79018
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.403 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX030325.D
 Acq: 01 Aug 2022 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-072122

Tgt Ion: 75 Resp: 79018
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

