

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030212.D
 Acq On : 26 Jul 2022 16:03
 Operator : JC/MD
 Sample : N3879-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-09-07212022

Quant Time: Jul 26 17:22:42 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)

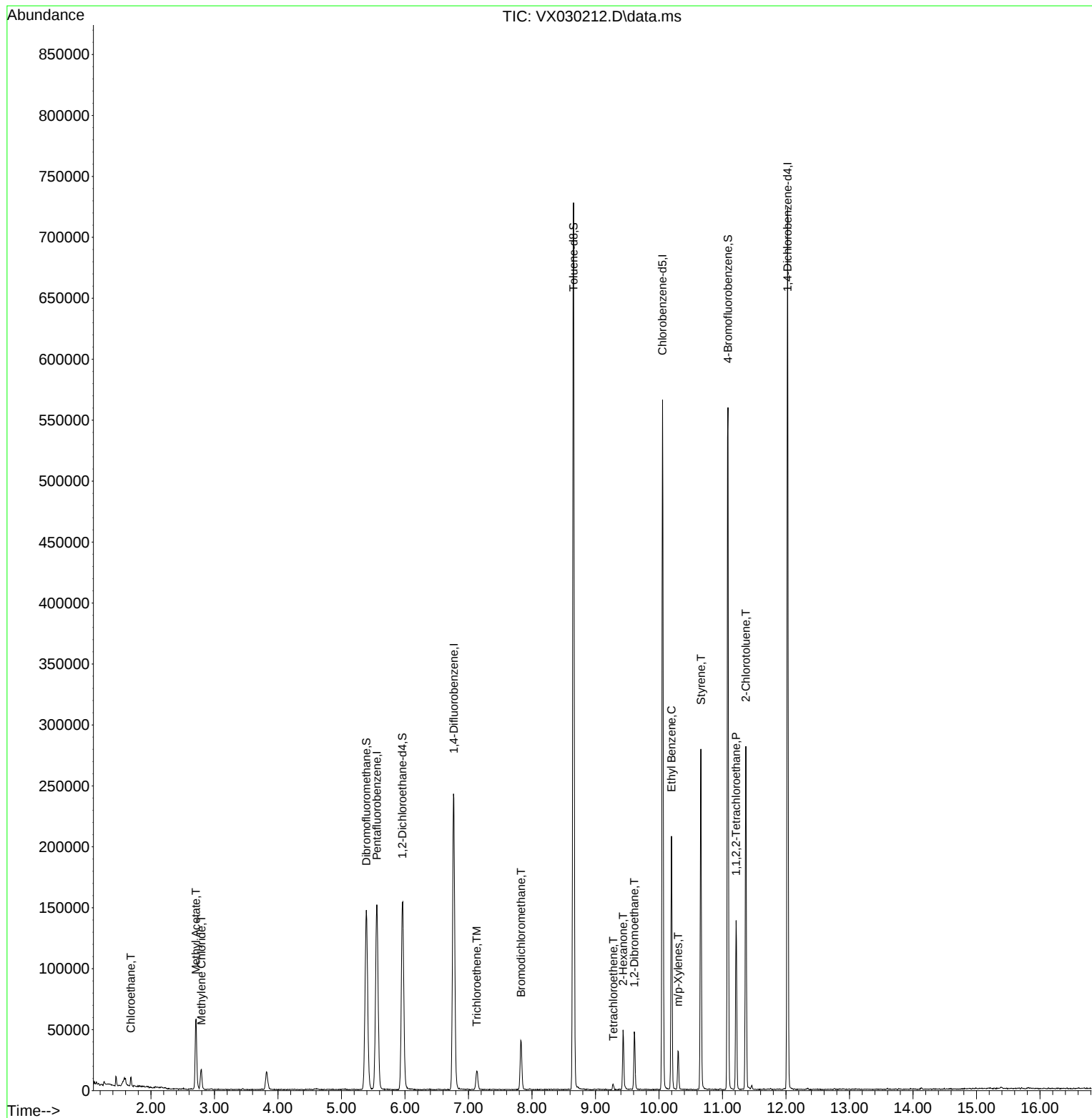
Internal Standards						
1) Pentafluorobenzene	5.556	168	140362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147424	52.256	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.520%	
35) Dibromofluoromethane	5.391	113	115384	49.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.240%	
50) Toluene-d8	8.653	98	436386	48.461	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.920%	
62) 4-Bromofluorobenzene	11.085	95	155745	46.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.200%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	4209	3.189	ug/l	93
18) Methyl Acetate	2.709	43	70517	16.506	ug/l	95
20) Methylene Chloride	2.794	84	6946	0.284	ug/l	96
44) Trichloroethene	7.129	130	6132	2.132	ug/l	93
47) Bromodichloromethane	7.830	83	26911	7.752	ug/l	97
59) 2-Hexanone	9.433	43	27801	7.472	ug/l	94
61) 1,2-Dibromoethane	9.610	107	26436	9.257	ug/l	99
64) Tetrachloroethene	9.281	164	830	0.316	ug/l	85
67) Ethyl Benzene	10.195	91	114929	11.382	ug/l	99
68) m/p-Xylenes	10.299	106	7248	1.613	ug/l	92
70) Styrene	10.659	104	102316	14.060	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	55700	13.825	ug/l	97
79) 2-Chlorotoluene	11.366	91	119782	14.438	ug/l	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
Data File : VX030212.D
Acq On : 26 Jul 2022 16:03
Operator : JC/MD
Sample : N3879-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-09-07212022

Quant Time: Jul 26 17:22:42 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

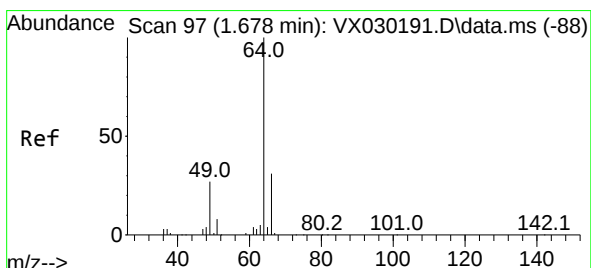
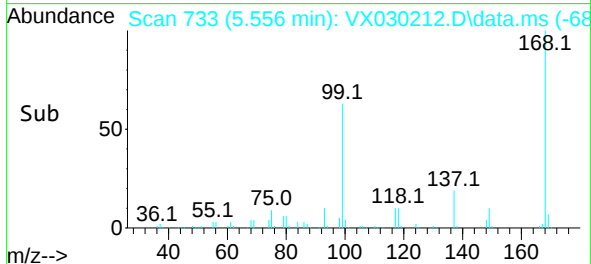
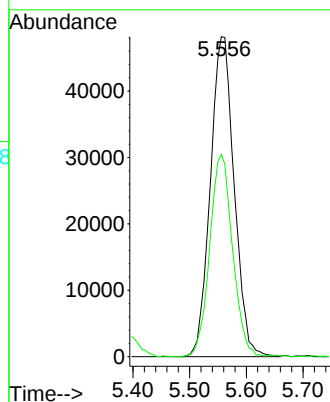
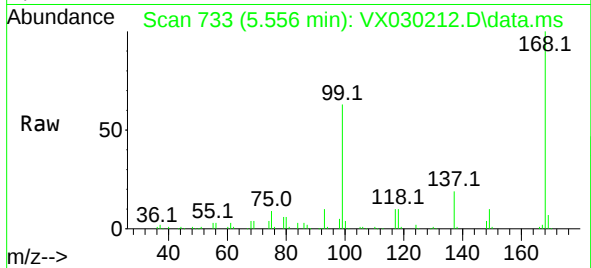




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

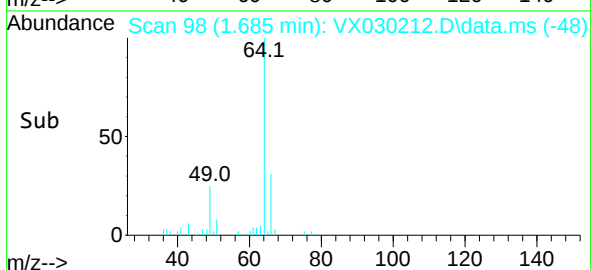
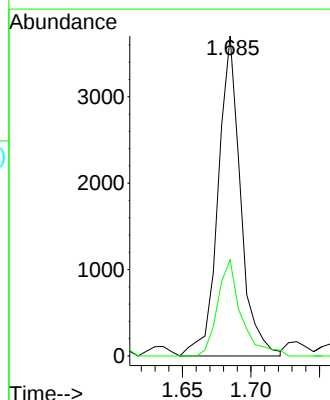
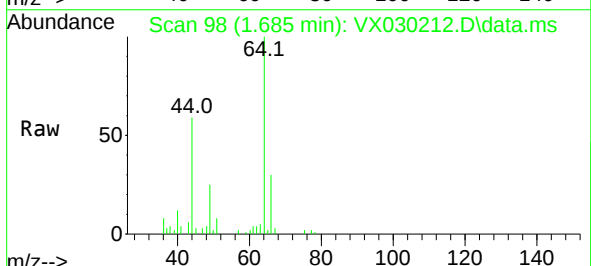
Instrument :
MSVOA_X
ClientSampleId :
EB-09-07212022

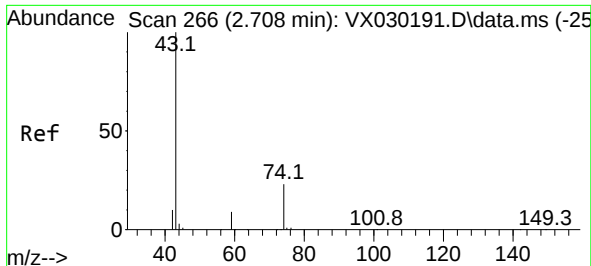
Tgt Ion:168 Resp: 140362
Ion Ratio Lower Upper
168 100
99 63.2 44.0 66.0



#6
Chloroethane
Concen: 3.189 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

Tgt Ion: 64 Resp: 4209
Ion Ratio Lower Upper
64 100
66 30.0 27.2 40.8

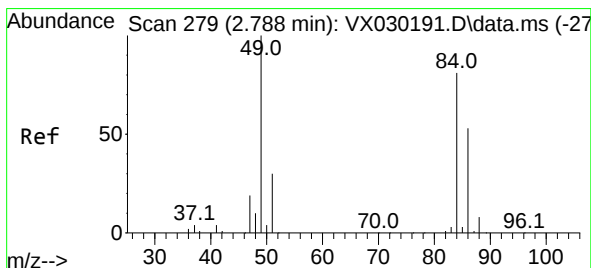
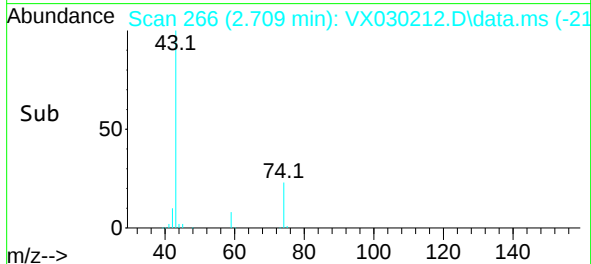
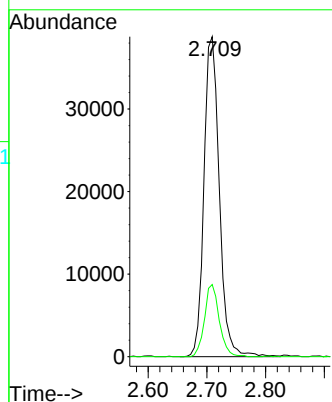
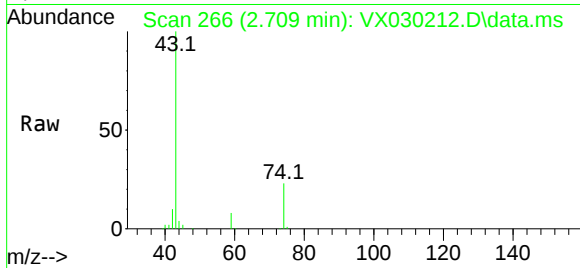




#18
Methyl Acetate
Concen: 16.506 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

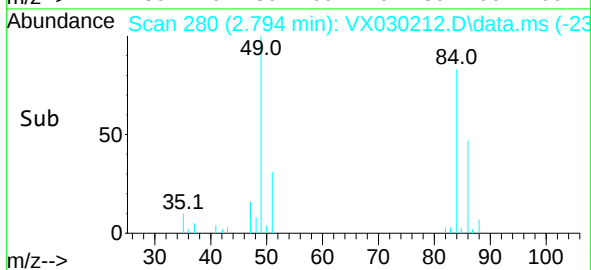
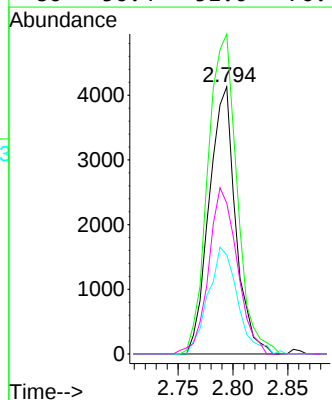
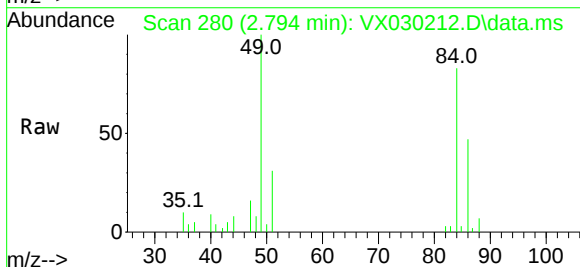
Instrument :
MSVOA_X
ClientSampleId :
EB-09-07212022

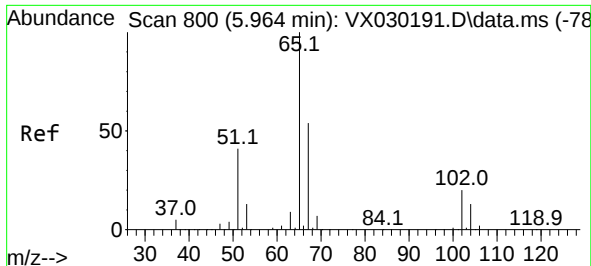
Tgt Ion: 43 Resp: 70517
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2



#20
Methylene Chloride
Concen: 0.284 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

Tgt Ion: 84 Resp: 6946
Ion Ratio Lower Upper
84 100
49 119.8 93.8 140.6
51 37.1 29.4 44.0
86 56.4 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 52.256 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030212.D

Acq: 26 Jul 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

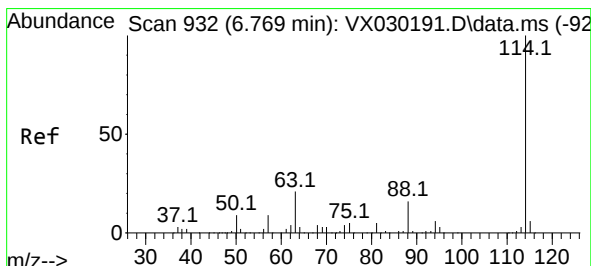
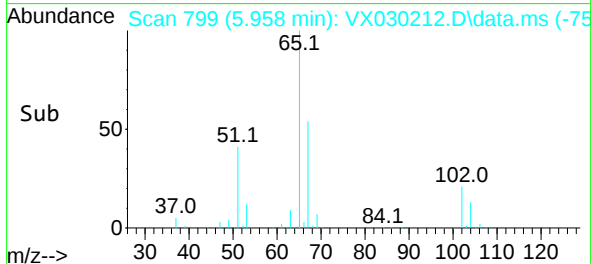
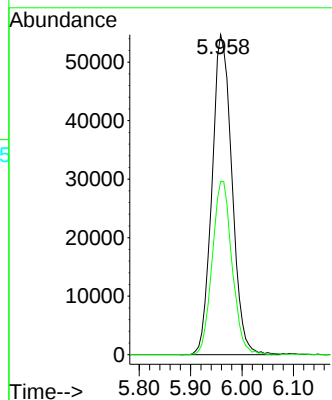
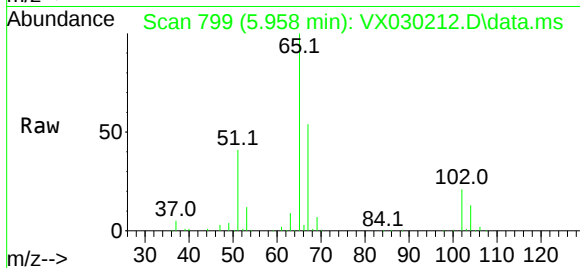
EB-09-07212022

Tgt Ion: 65 Resp: 147424

Ion Ratio Lower Upper

65 100

67 53.8 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: VX030212.D

Acq: 26 Jul 2022 16:03

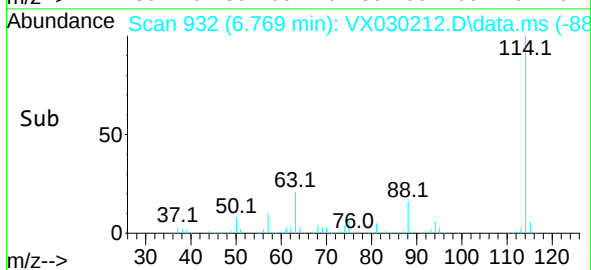
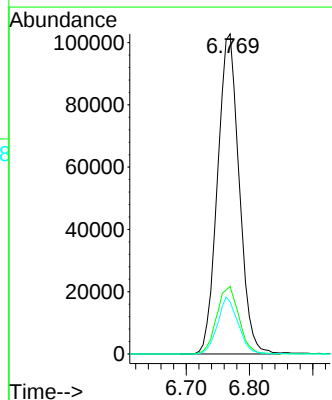
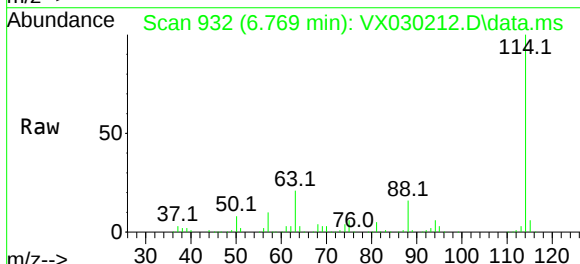
Tgt Ion: 114 Resp: 243240

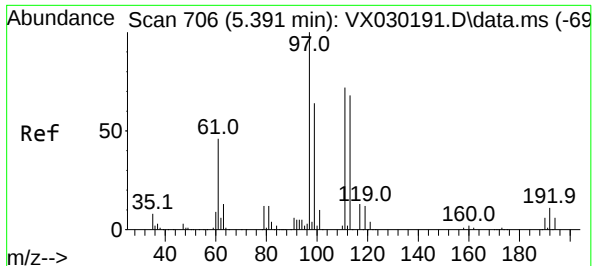
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.622 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030212.D

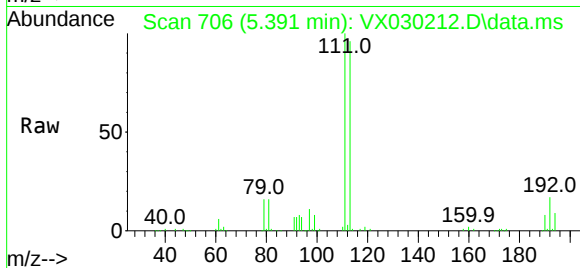
Acq: 26 Jul 2022 16:03

Instrument :

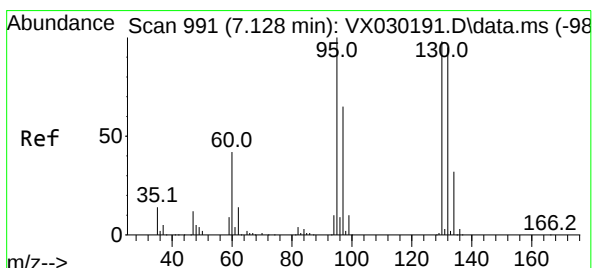
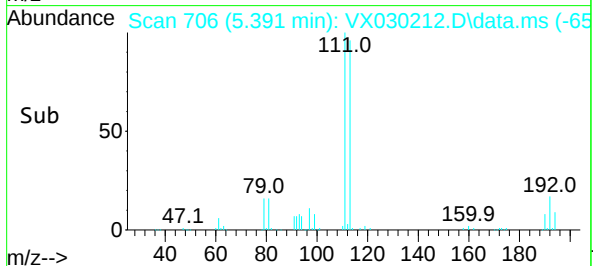
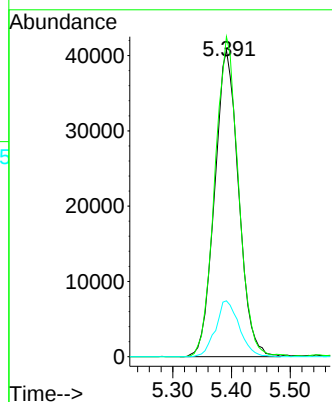
MSVOA_X

ClientSampleId :

EB-09-07212022



Tgt Ion:	113	Resp:	115384
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	17.9	14.8	22.2



#44

Trichloroethene

Concen: 2.132 ug/l

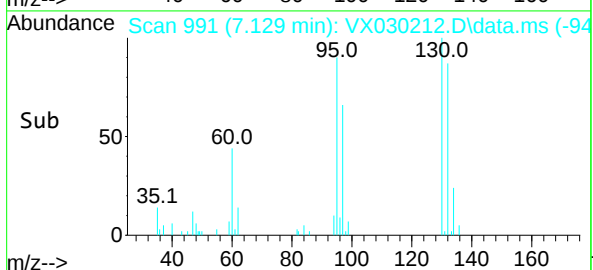
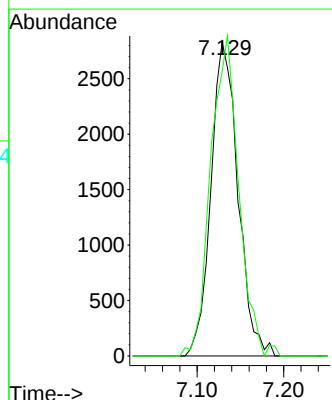
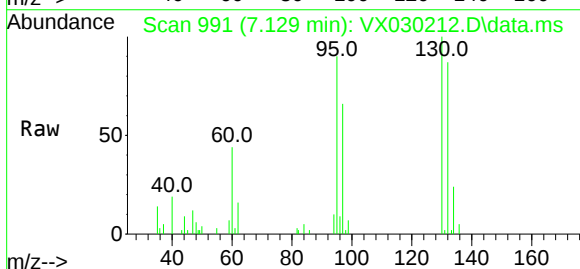
RT: 7.129 min Scan# 991

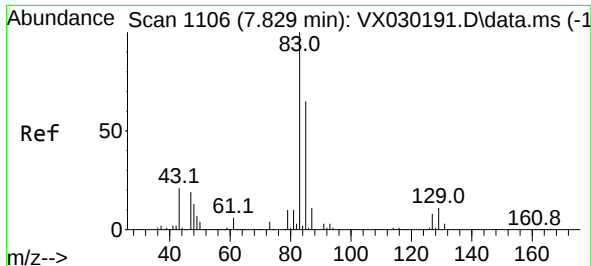
Delta R.T. 0.001 min

Lab File: VX030212.D

Acq: 26 Jul 2022 16:03

Tgt Ion:	130	Resp:	6132
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	194.8

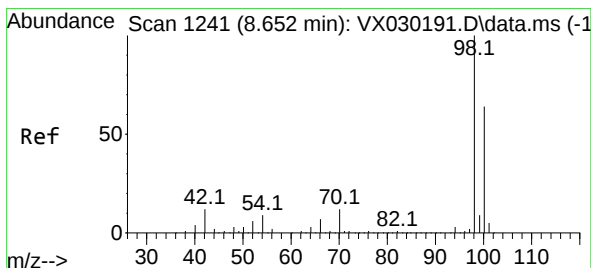
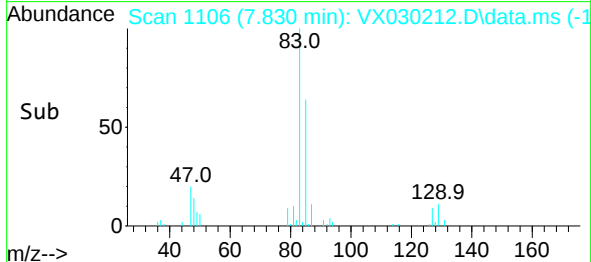
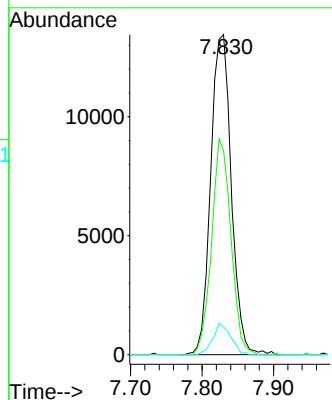
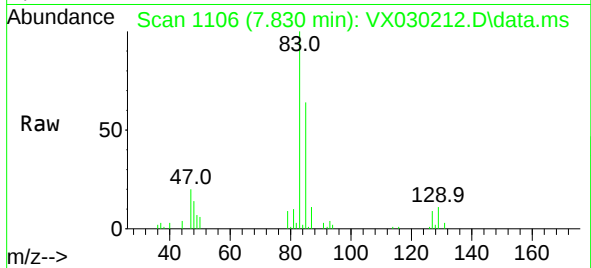




#47
 Bromodichloromethane
 Concen: 7.752 ug/l
 RT: 7.830 min Scan# 1106
 Delta R.T. 0.001 min
 Lab File: VX030212.D
 Acq: 26 Jul 2022 16:03

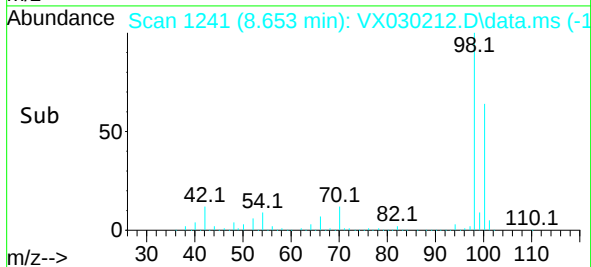
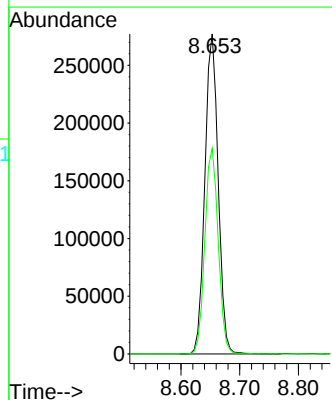
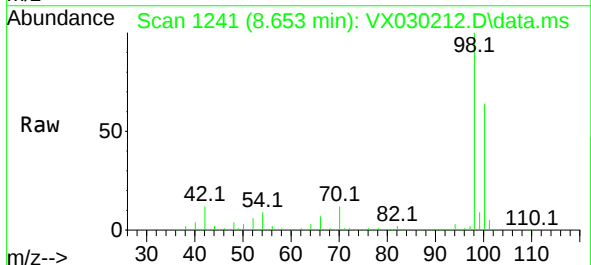
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-09-07212022

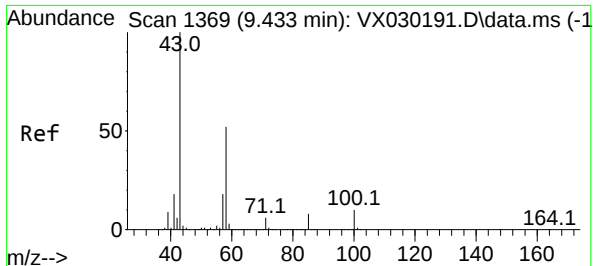
Tgt Ion: 83 Resp: 26911
 Ion Ratio Lower Upper
 83 100
 85 63.9 53.5 80.3
 127 8.7 6.6 10.0



#50
 Toluene-d8
 Concen: 48.461 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.001 min
 Lab File: VX030212.D
 Acq: 26 Jul 2022 16:03

Tgt Ion: 98 Resp: 436386
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.3 78.5





#59

2-Hexanone

Concen: 7.472 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030212.D

Acq: 26 Jul 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

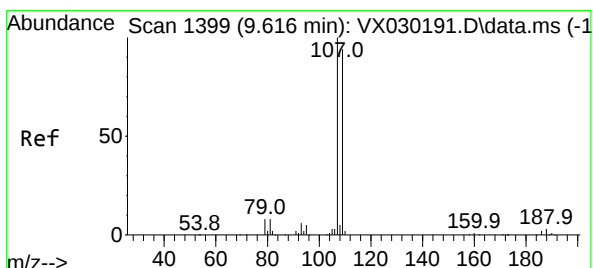
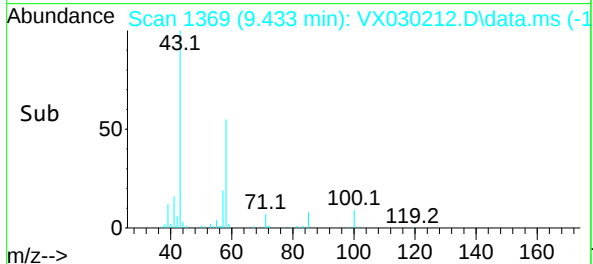
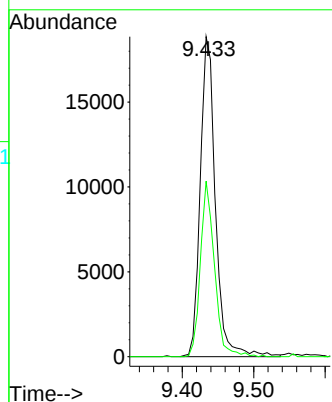
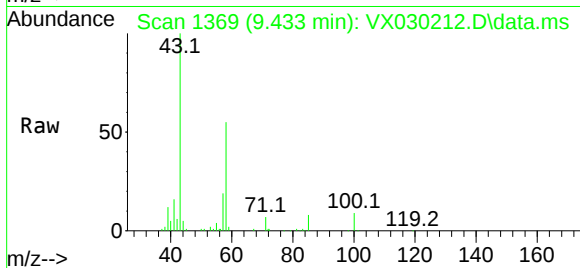
EB-09-07212022

Tgt Ion: 43 Resp: 27801

Ion Ratio Lower Upper

43 100

58 51.0 27.6 82.8



#61

1,2-Dibromoethane

Concen: 9.257 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.006 min

Lab File: VX030212.D

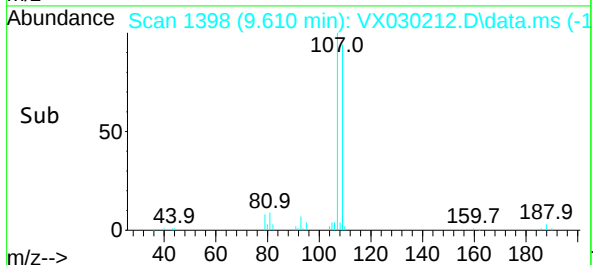
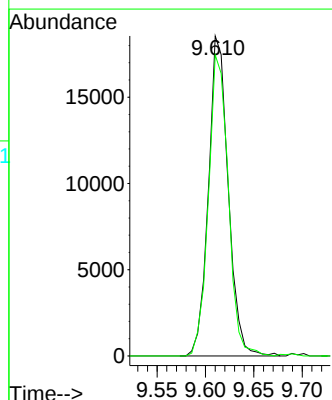
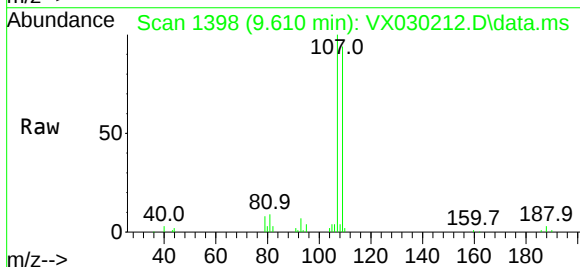
Acq: 26 Jul 2022 16:03

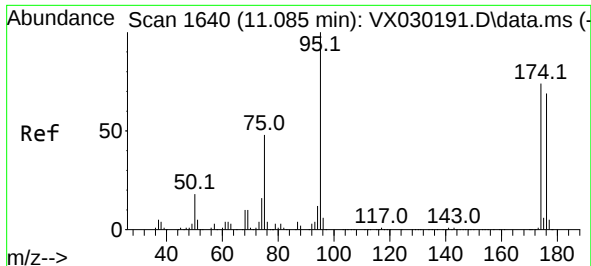
Tgt Ion: 107 Resp: 26436

Ion Ratio Lower Upper

107 100

109 94.5 76.6 114.8

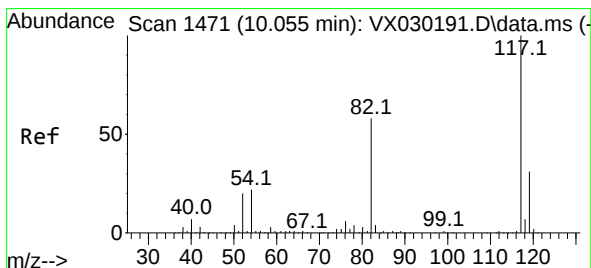
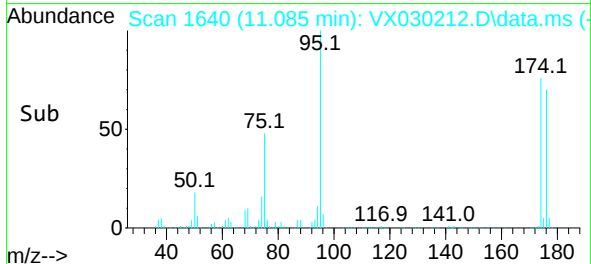
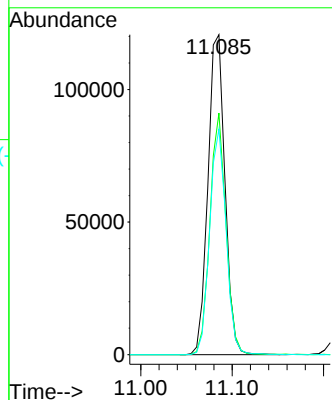
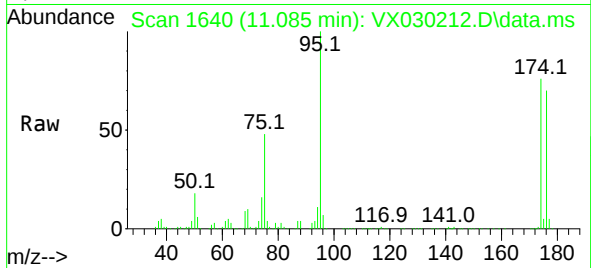




#62
4-Bromofluorobenzene
Concen: 46.603 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

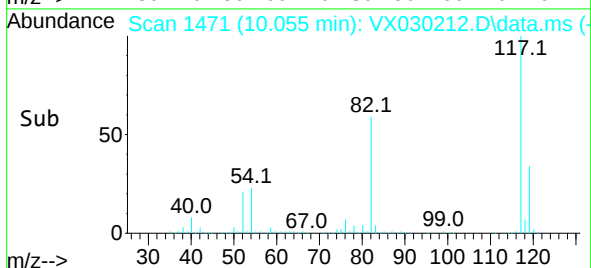
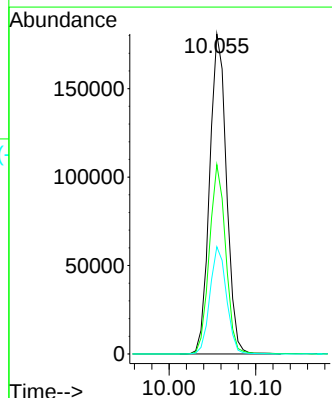
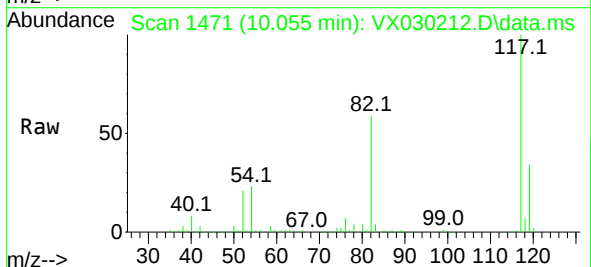
Instrument :
MSVOA_X
ClientSampleId :
EB-09-07212022

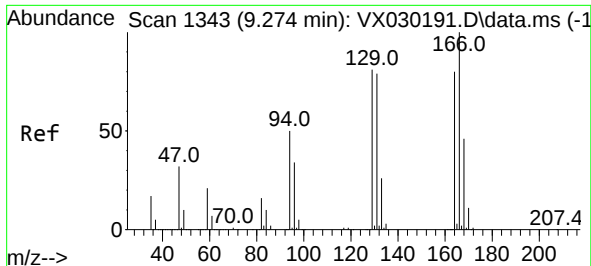
Tgt Ion: 95 Resp: 155745
Ion Ratio Lower Upper
95 100
174 71.2 0.0 149.0
176 67.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

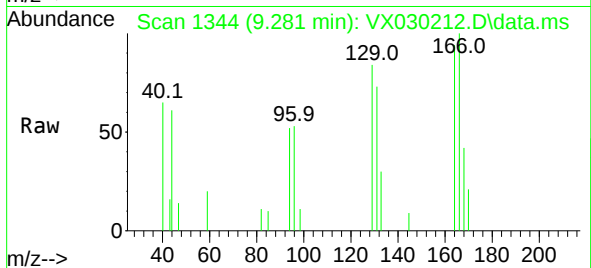
Tgt Ion: 117 Resp: 244217
Ion Ratio Lower Upper
117 100
82 59.2 42.7 64.1
119 33.5 25.4 38.2



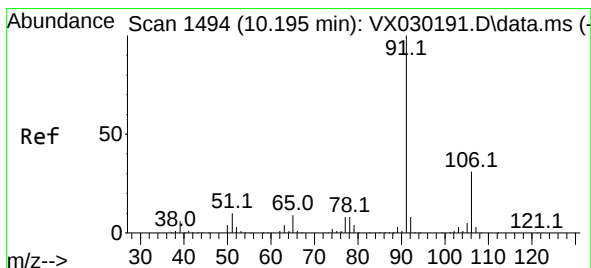
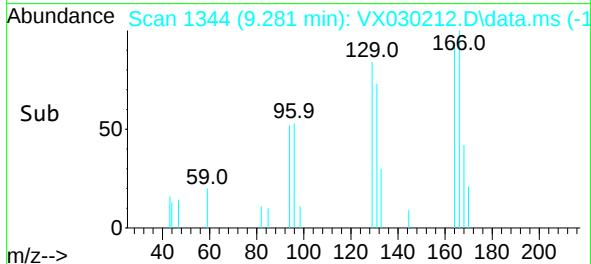
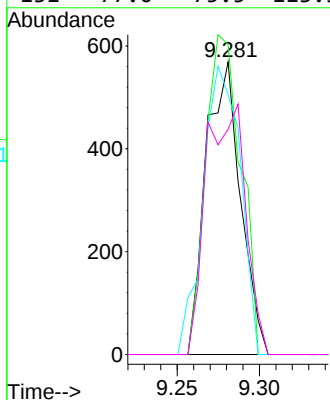


#64
Tetrachloroethene
Concen: 0.316 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
EB-09-07212022

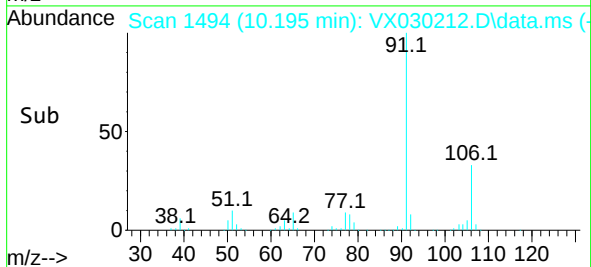
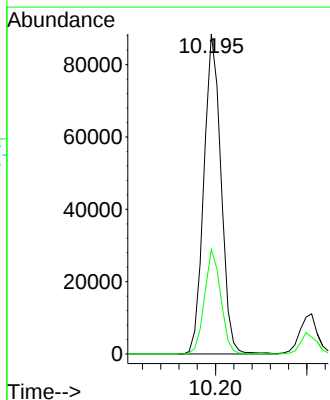
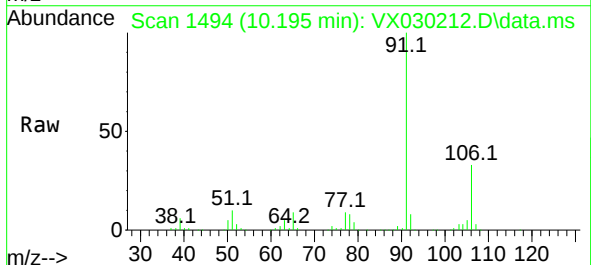


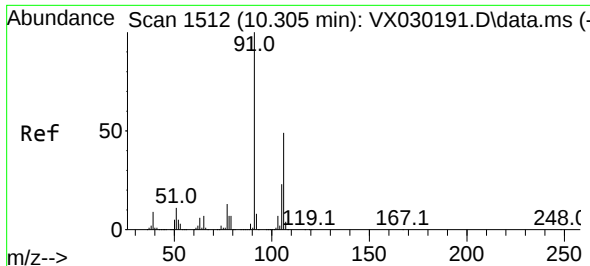
Tgt Ion:164	Resp:	830	
Ion	Ratio	Lower	Upper
164	100		
166	106.0	98.2	147.4
129	88.8	80.8	121.2
131	77.0	75.5	113.3



#67
Ethyl Benzene
Concen: 11.382 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

Tgt Ion: 91	Resp: 114929
Ion Ratio	Lower Upper
91 100	
106 32.6	25.5 38.3

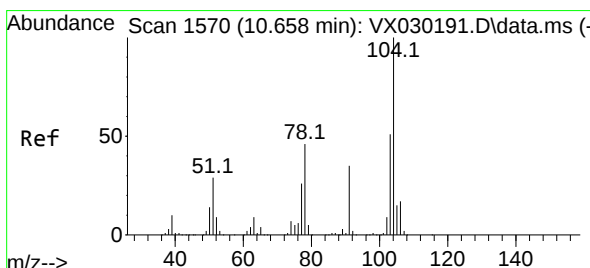
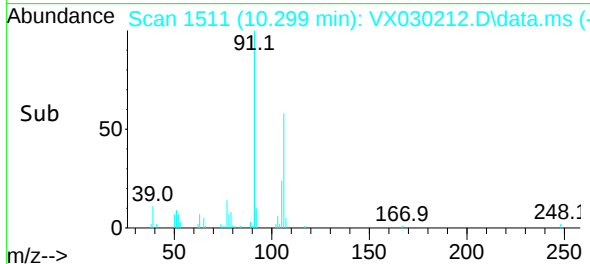
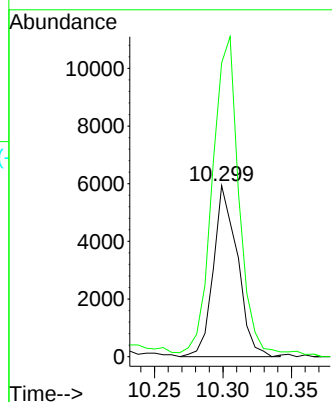
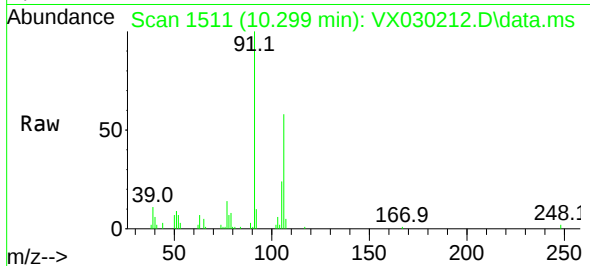




#68
m/p-Xylenes
Concen: 1.613 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

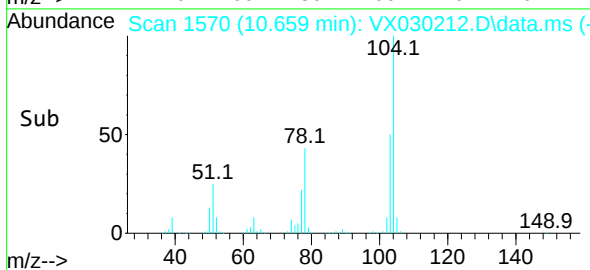
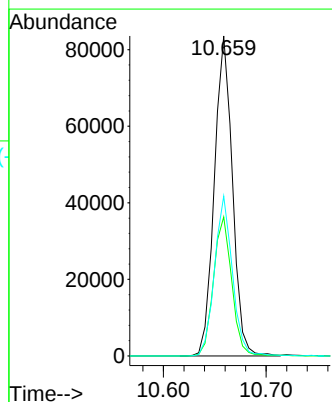
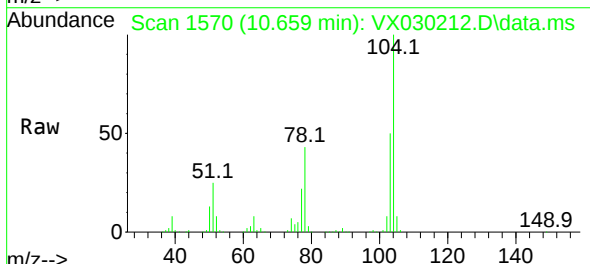
Instrument :
MSVOA_X
ClientSampleId :
EB-09-07212022

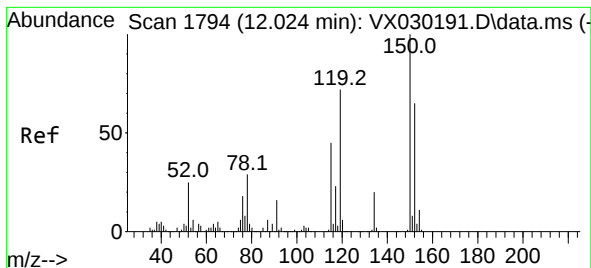
Tgt Ion:106 Resp: 7248
Ion Ratio Lower Upper
106 100
91 210.0 158.2 237.4



#70
Styrene
Concen: 14.060 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

Tgt Ion:104 Resp: 102316
Ion Ratio Lower Upper
104 100
78 43.9 37.8 56.8
103 49.6 44.5 66.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030212.D

Acq: 26 Jul 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

EB-09-07212022

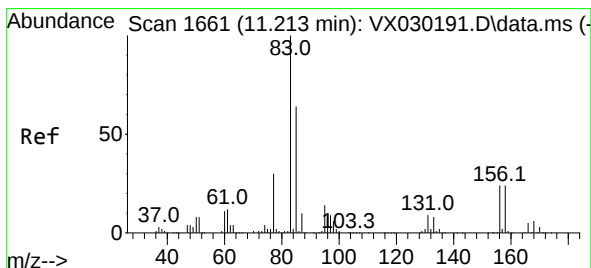
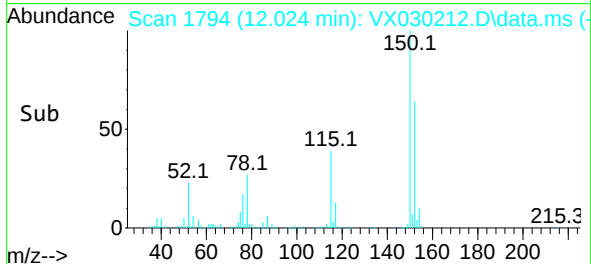
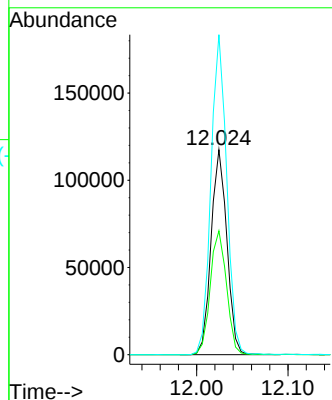
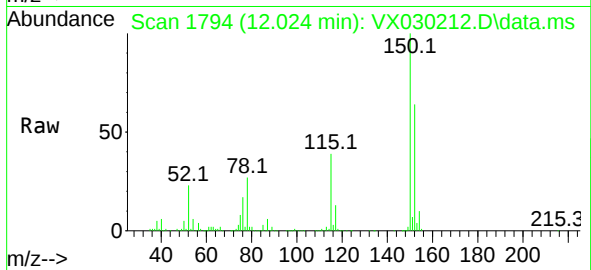
Tgt Ion:152 Resp: 140999

Ion Ratio Lower Upper

152 100

115 62.2 40.5 121.5

150 155.7 0.0 347.0



#75

1,1,2,2-Tetrachloroethane

Concen: 13.825 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX030212.D

Acq: 26 Jul 2022 16:03

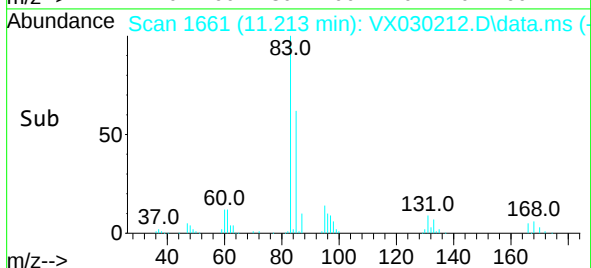
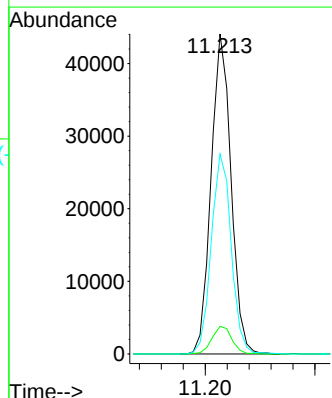
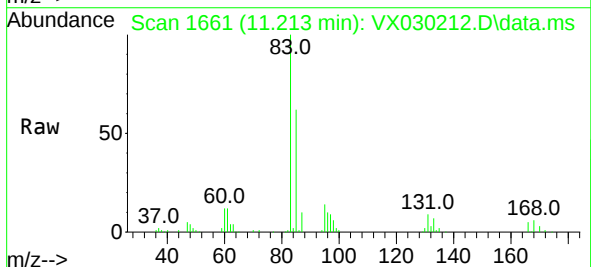
Tgt Ion: 83 Resp: 55700

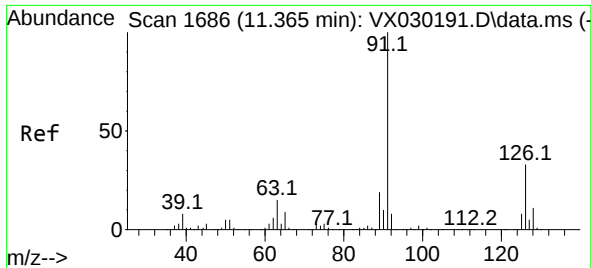
Ion Ratio Lower Upper

83 100

131 8.7 4.5 13.7

85 62.5 32.5 97.5





#79
2-Chlorotoluene
Concen: 14.438 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030212.D
Acq: 26 Jul 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
EB-09-07212022

Tgt Ion: 91 Resp: 119782
Ion Ratio Lower Upper
91 100
126 32.5 17.4 52.3

