

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034700.D
 Acq On : 23 Mar 2023 15:52
 Operator : JC/MD
 Sample : 02045-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-2-20230322

Quant Time: Mar 24 05:45:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

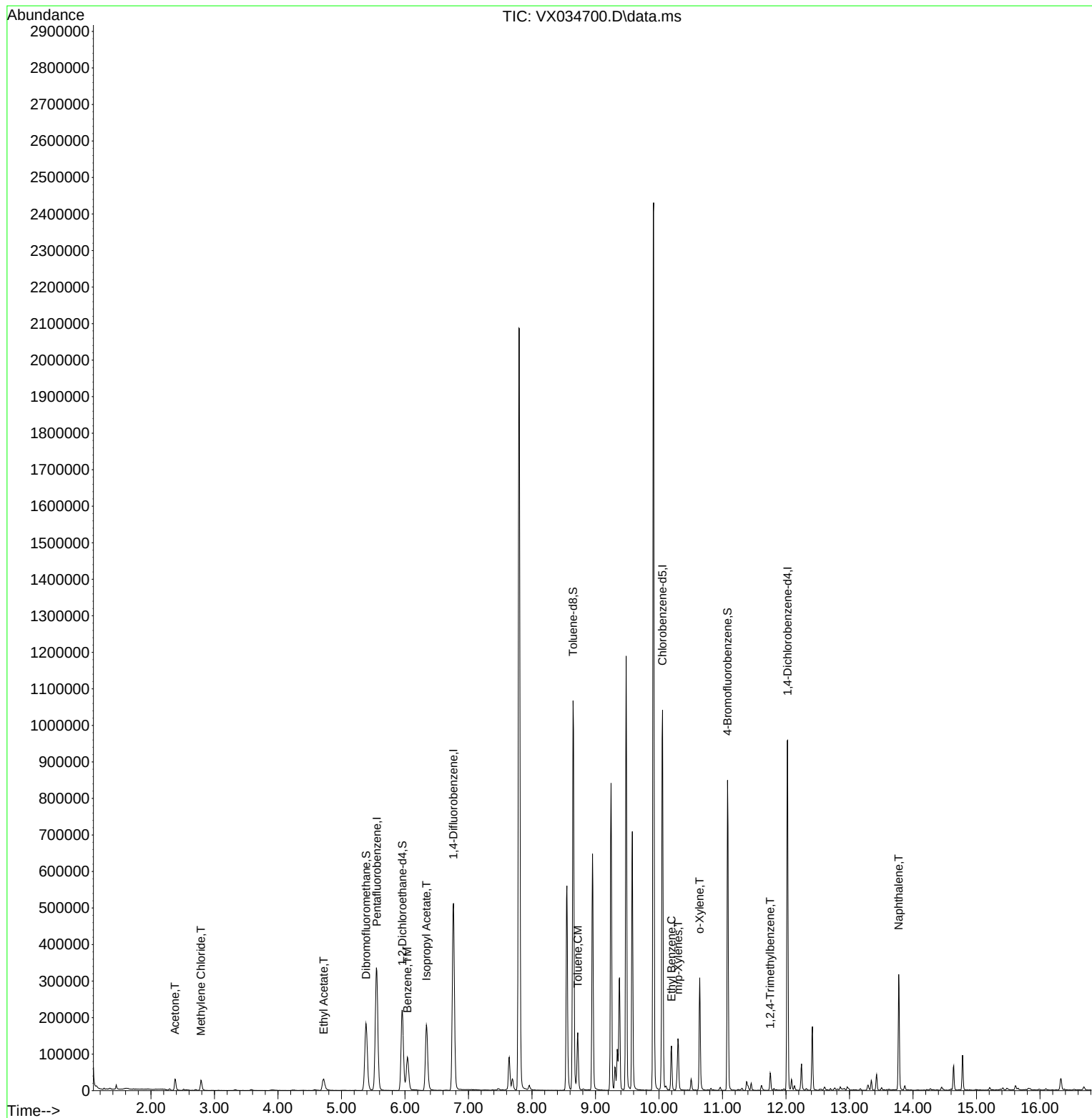
Internal Standards						
1) Pentafluorobenzene	5.556	168	305407	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	514808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218184	49.107	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.220%		
35) Dibromofluoromethane	5.385	113	159596	46.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	8.647	98	609756	48.055	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.100%		
62) 4-Bromofluorobenzene	11.079	95	230267	44.928	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.860%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	34593	16.529	ug/l	96
20) Methylene Chloride	2.788	84	12218	3.008	ug/l	91
37) Ethyl Acetate	4.721	43	57334	10.053	ug/l	97
40) Benzene	6.038	78	105702	6.921	ug/l	98
43) Isopropyl Acetate	6.336	43	252227	26.105	ug/l	100
52) Toluene	8.720	92	56861	6.014	ug/l	98
67) Ethyl Benzene	10.195	91	69877	3.990	ug/l	100
68) m/p-Xylenes	10.299	106	31854	4.735	ug/l	100
69) o-Xylene	10.640	106	21877	3.240	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	20876	1.559	ug/l	98
95) Naphthalene	13.774	128	186217	12.510	ug/l	100

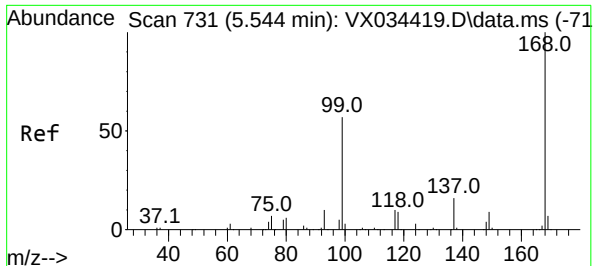
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

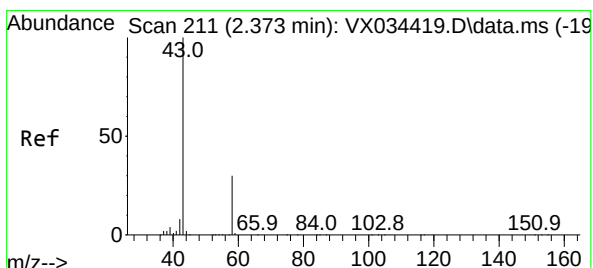
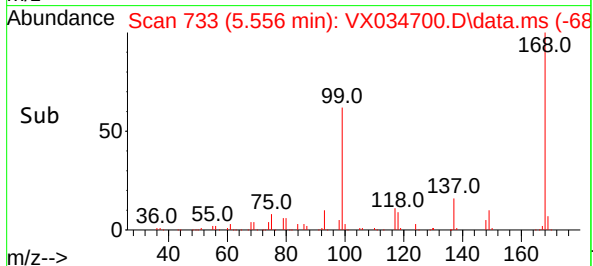
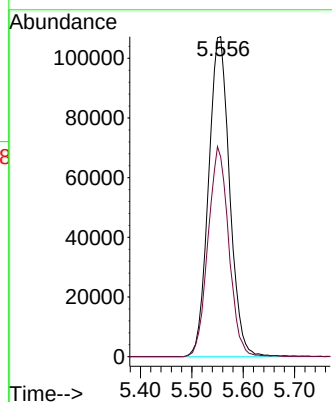
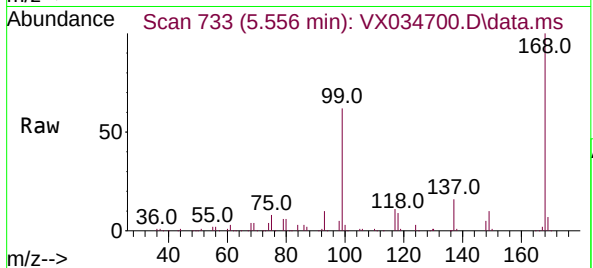




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

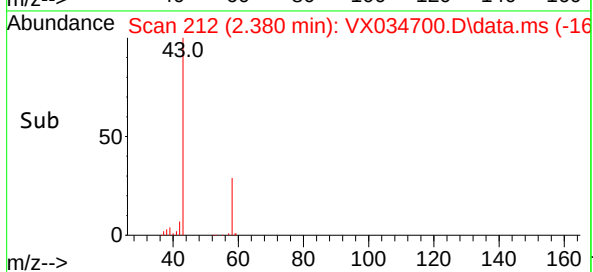
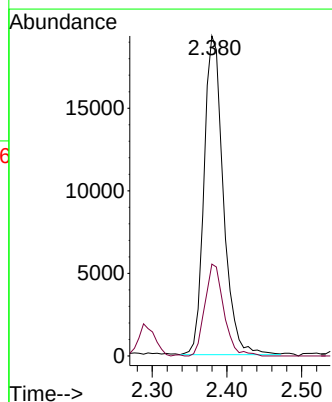
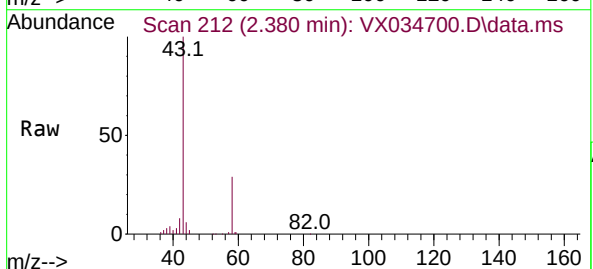
Instrument :
MSVOA_X
ClientSampleId :
WC1-2-20230322

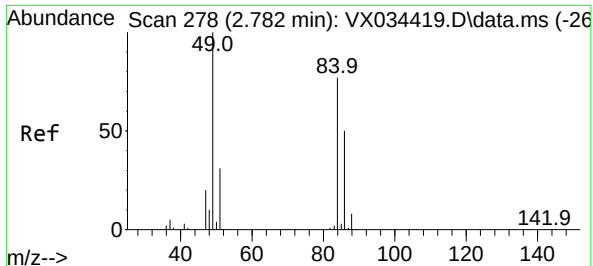
Tgt Ion:168 Resp: 305407
Ion Ratio Lower Upper
168 100
99 62.4 45.7 68.5



#16
Acetone
Concen: 16.529 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

Tgt Ion: 43 Resp: 34593
Ion Ratio Lower Upper
43 100
58 28.8 24.7 37.1



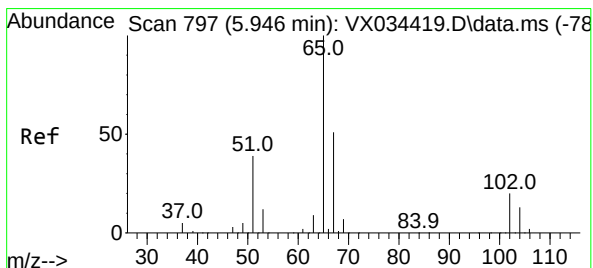
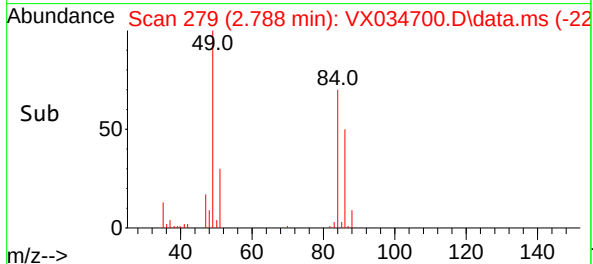
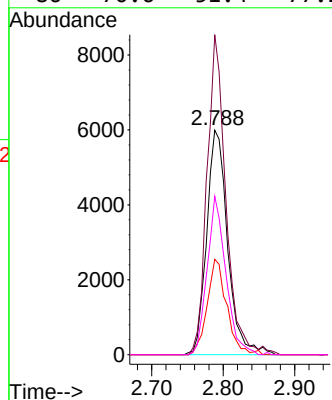
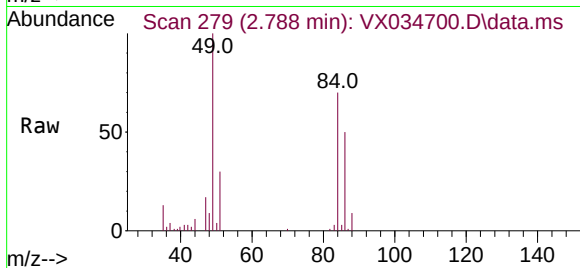


#20
Methylene Chloride
Concen: 3.008 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

Instrument :
MSVOA_X
ClientSampleId :
WC1-2-20230322

Tgt Ion: 84 Resp: 12218

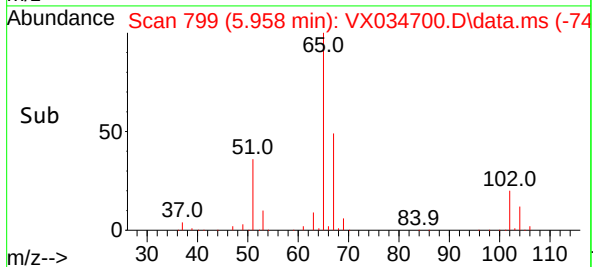
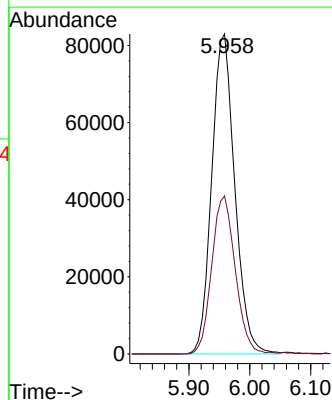
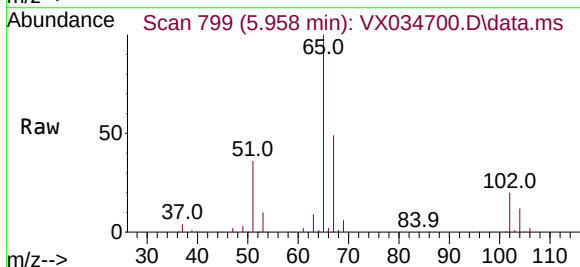
Ion	Ratio	Lower	Upper
84	100		
49	142.5	103.8	155.8
51	42.5	31.8	47.8
86	70.6	51.4	77.2

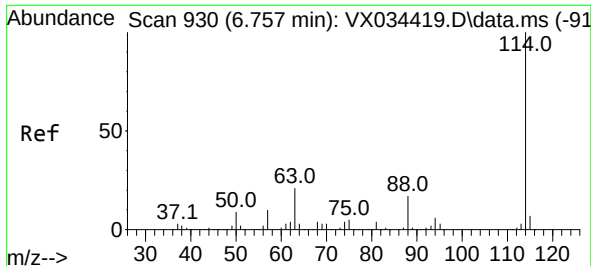


#33
1,2-Dichloroethane-d4
Concen: 49.107 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

Tgt Ion: 65 Resp: 218184

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	104.0

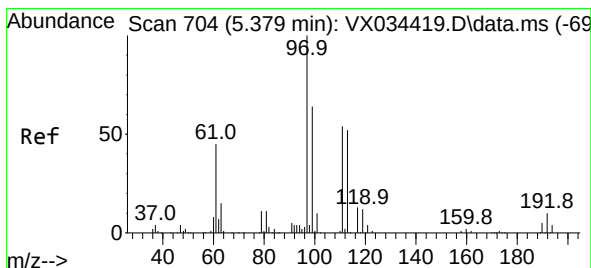
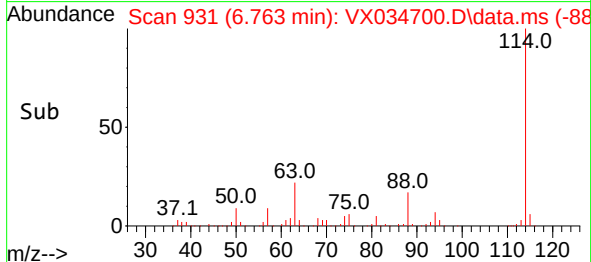
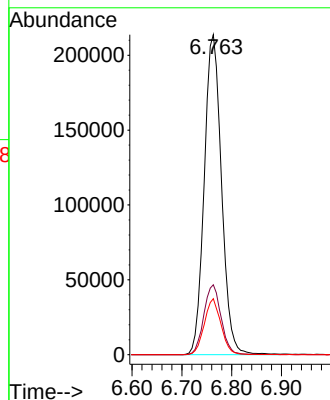
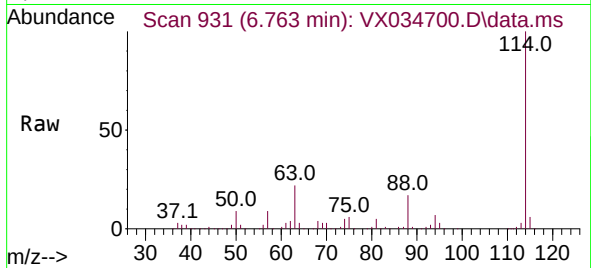




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

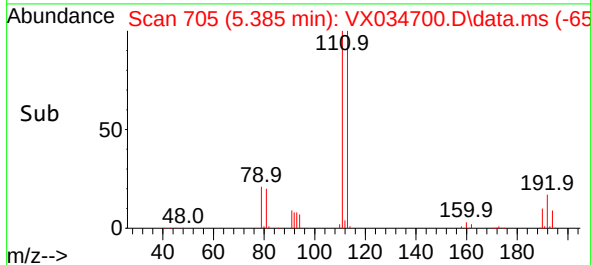
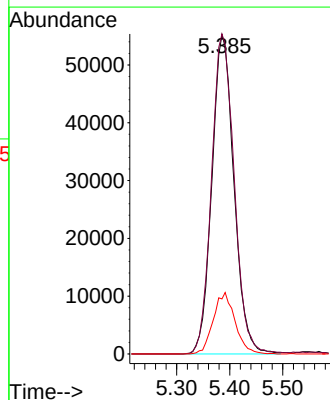
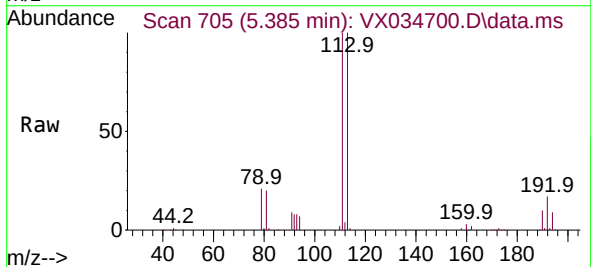
Instrument :
MSVOA_X
ClientSampleId :
WC1-2-20230322

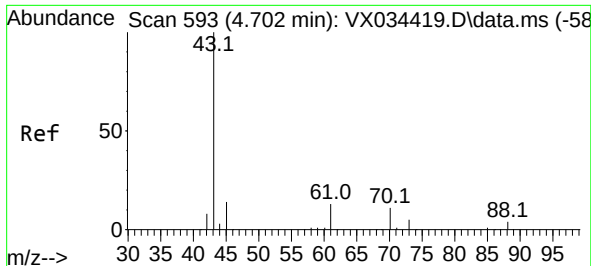
Tgt Ion:114 Resp: 514808
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 17.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.954 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

Tgt Ion:113 Resp: 159596
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 19.0 15.4 23.2





#37

Ethyl Acetate

Concen: 10.053 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.018 min

Lab File: VX034700.D

Acq: 23 Mar 2023 15:52

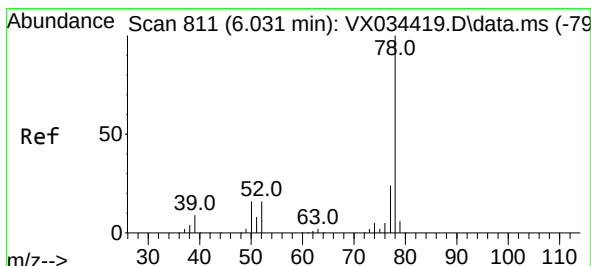
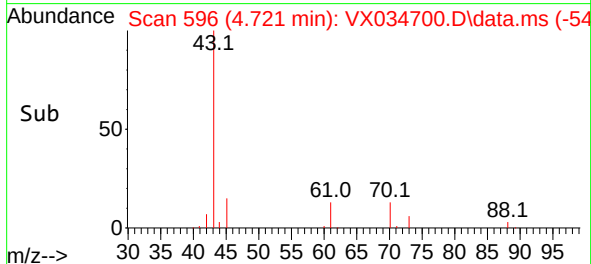
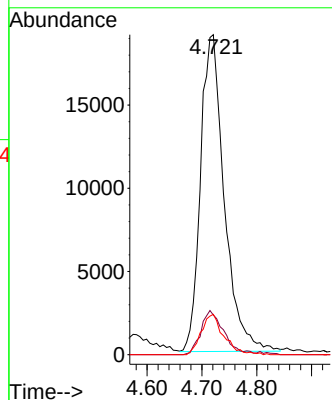
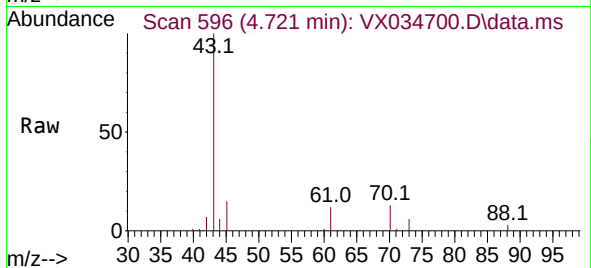
Instrument :

MSVOA_X

ClientSampleId :

WC1-2-20230322

Tgt Ion: 43	Resp: 57334
Ion Ratio	Lower Upper
43 100	
61 13.5	10.2 15.4
70 12.1	8.2 12.4



#40

Benzene

Concen: 6.921 ug/l

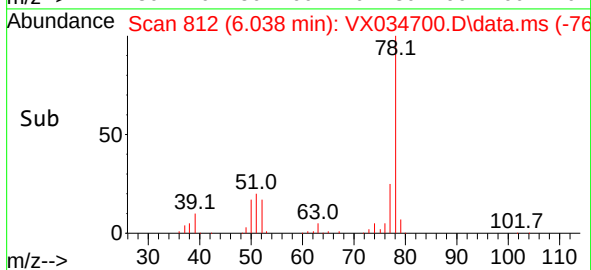
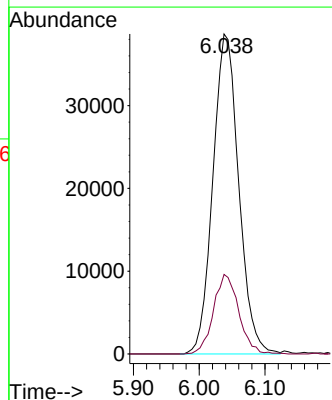
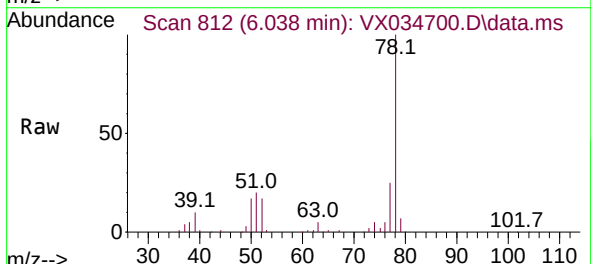
RT: 6.038 min Scan# 812

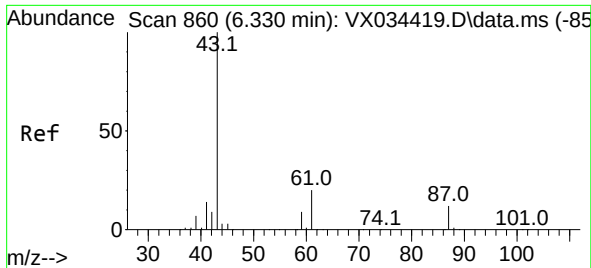
Delta R.T. 0.006 min

Lab File: VX034700.D

Acq: 23 Mar 2023 15:52

Tgt Ion: 78	Resp: 105702
Ion Ratio	Lower Upper
78 100	
77 24.9	19.0 28.4

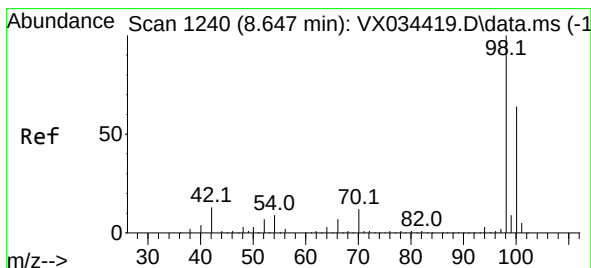
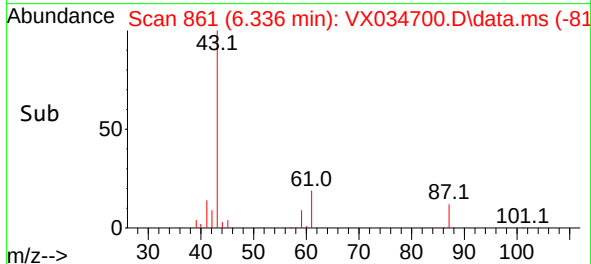
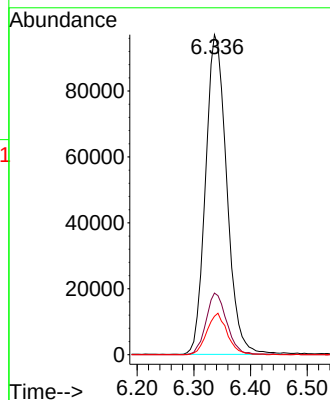
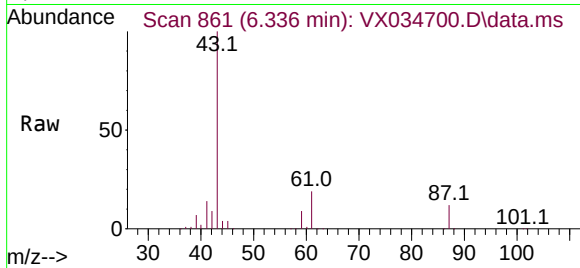




#43
Isopropyl Acetate
Concen: 26.105 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

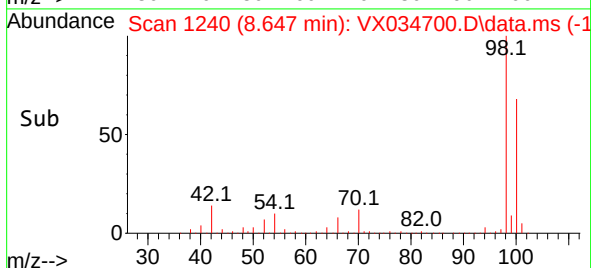
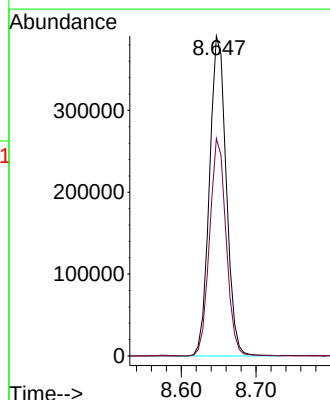
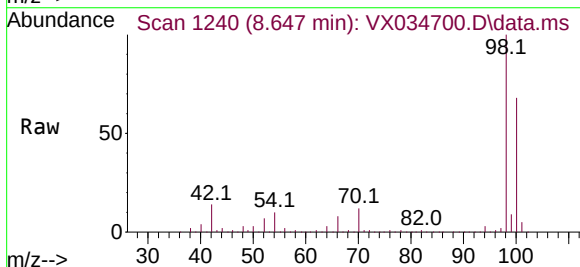
Instrument :
MSVOA_X
ClientSampleId :
WC1-2-20230322

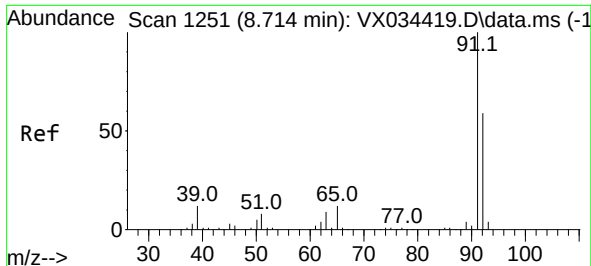
Tgt Ion: 43 Resp: 252227
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.4 9.8 14.8



#50
Toluene-d8
Concen: 48.055 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

Tgt Ion: 98 Resp: 609756
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

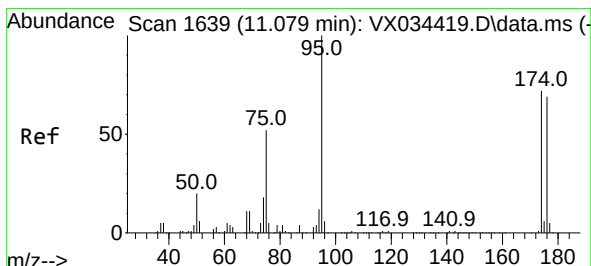
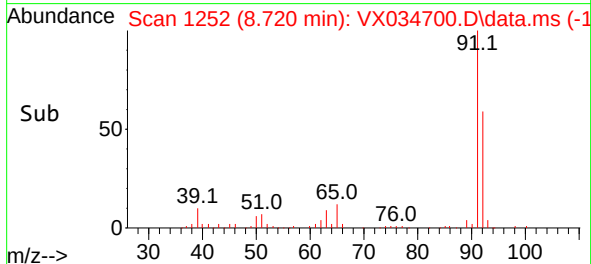
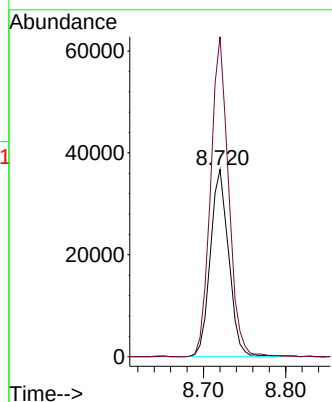
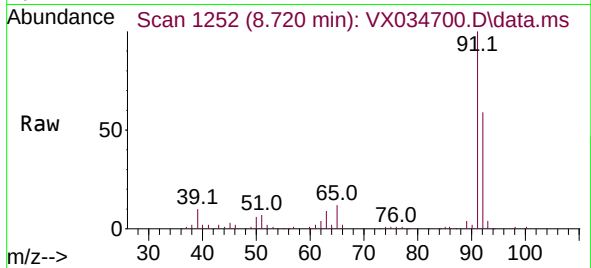




#52
Toluene
Concen: 6.014 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

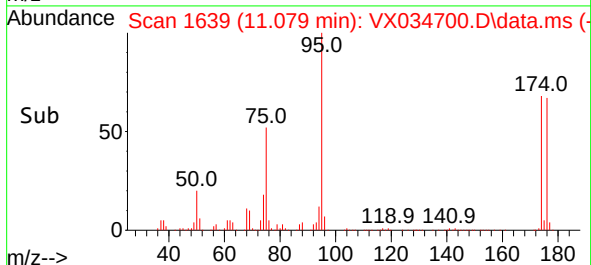
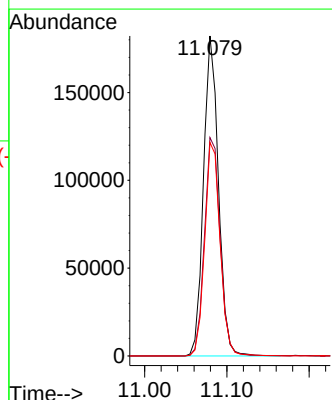
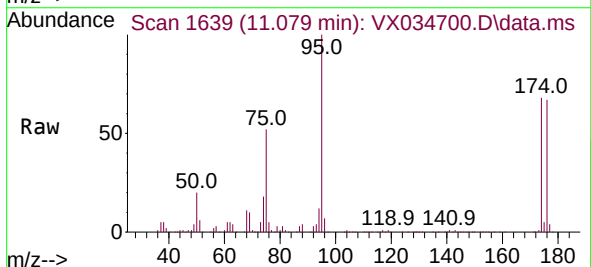
Instrument :
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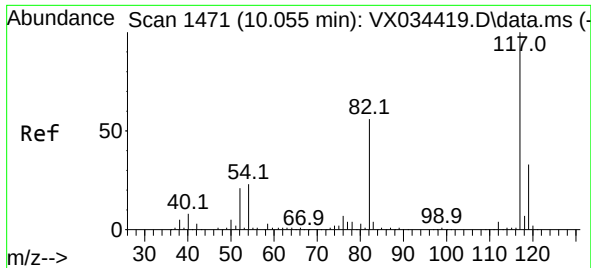
Tgt Ion: 92 Resp: 56861
Ion Ratio Lower Upper
92 100
91 168.5 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 44.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

Tgt Ion: 95 Resp: 230267
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 68.8 0.0 140.6

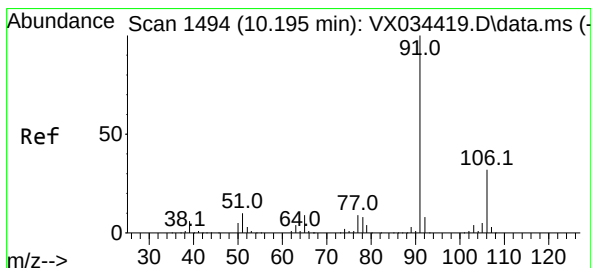
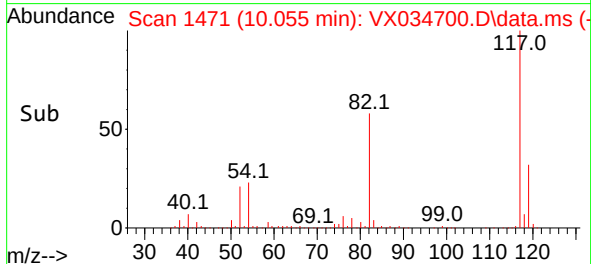
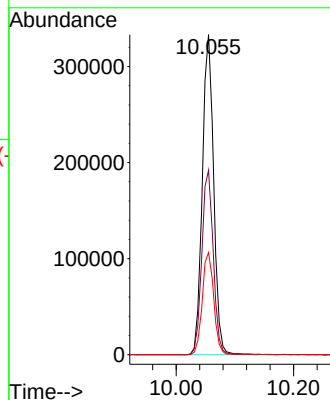
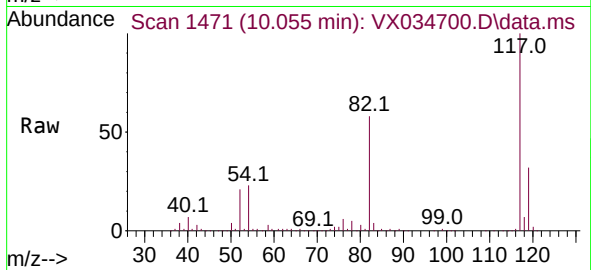




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

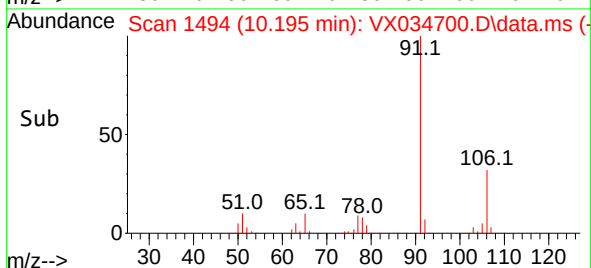
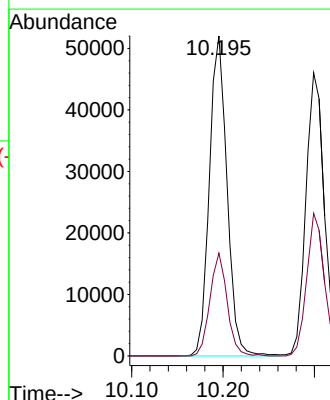
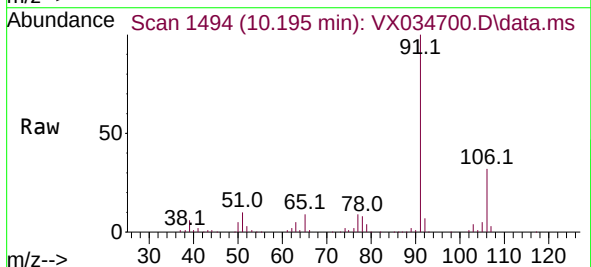
Instrument :
MSVOA_X
ClientSampleId :
WC1-2-20230322

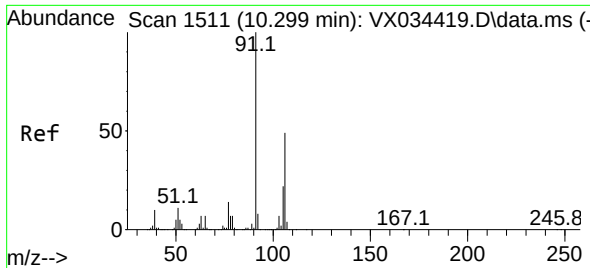
Tgt Ion:117 Resp: 445893
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 31.9 26.0 39.0



#67
Ethyl Benzene
Concen: 3.990 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

Tgt Ion: 91 Resp: 69877
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

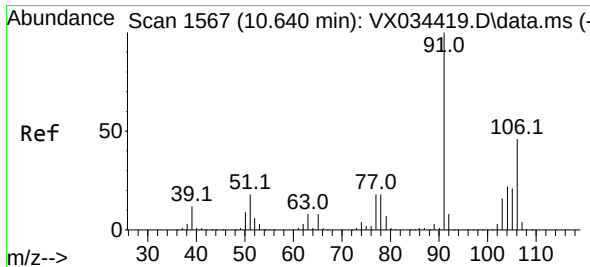
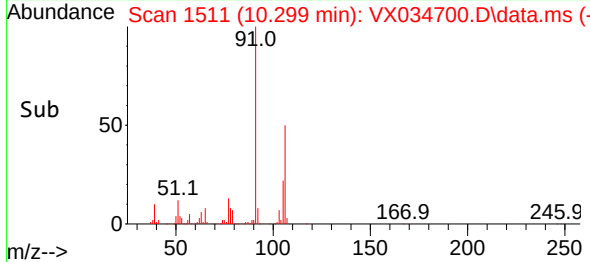
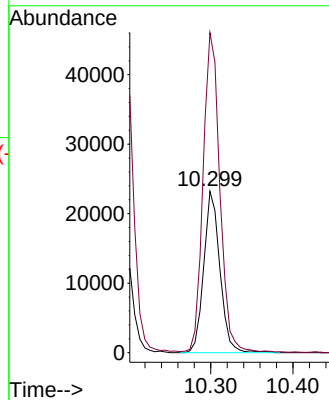
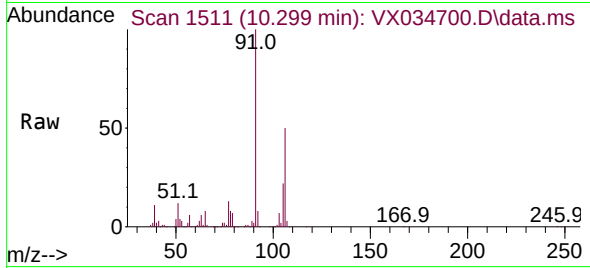




#68
m/p-Xylenes
Concen: 4.735 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

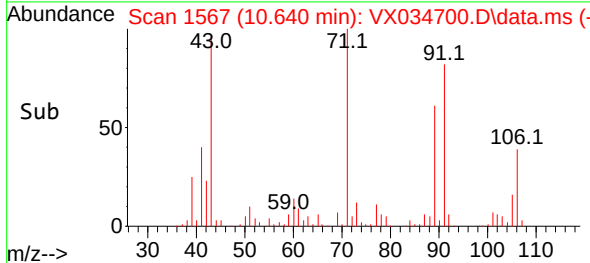
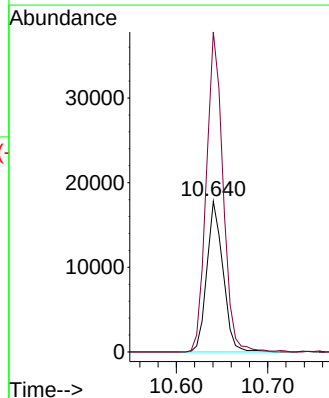
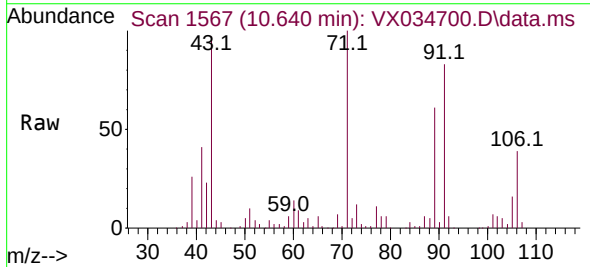
Instrument :
MSVOA_X
ClientSampleId :
WC1-2-20230322

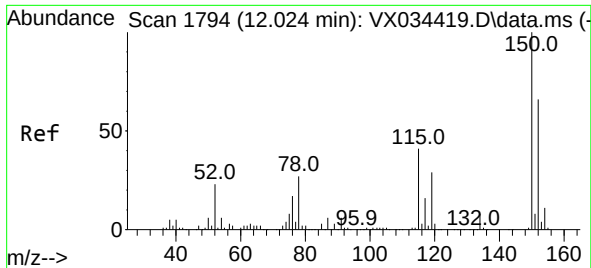
Tgt Ion:106 Resp: 31854
Ion Ratio Lower Upper
106 100
91 204.9 164.0 246.0



#69
o-Xylene
Concen: 3.240 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034700.D
Acq: 23 Mar 2023 15:52

Tgt Ion:106 Resp: 21877
Ion Ratio Lower Upper
106 100
91 218.6 108.5 325.3

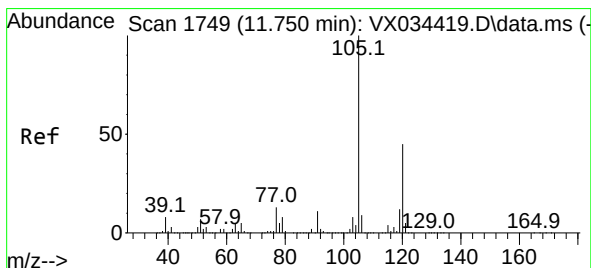
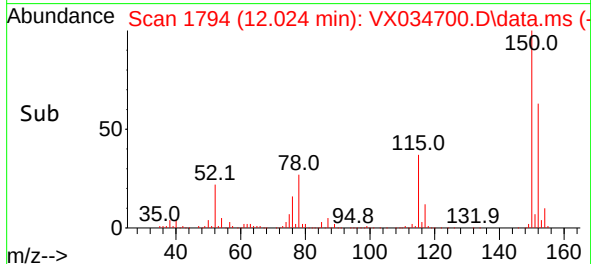
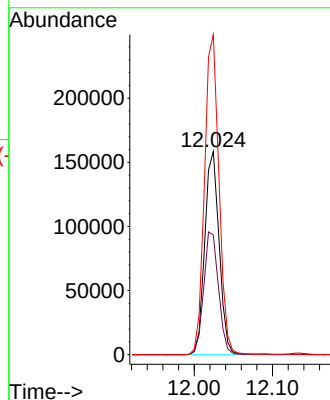
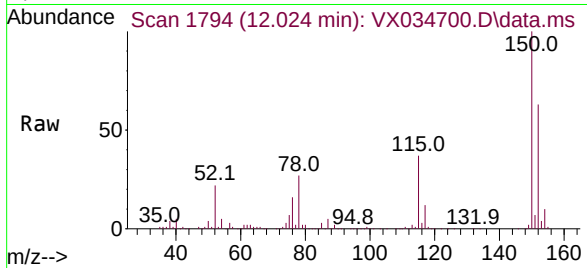




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX034700.D
 Acq: 23 Mar 2023 15:52

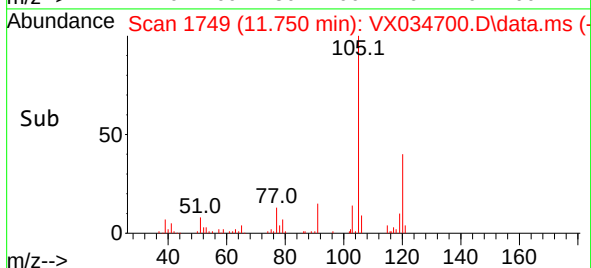
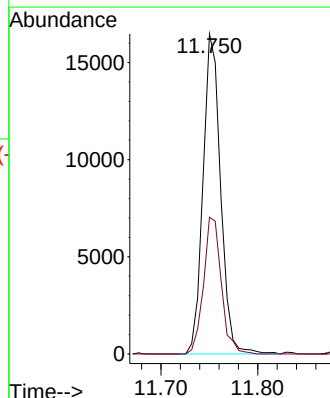
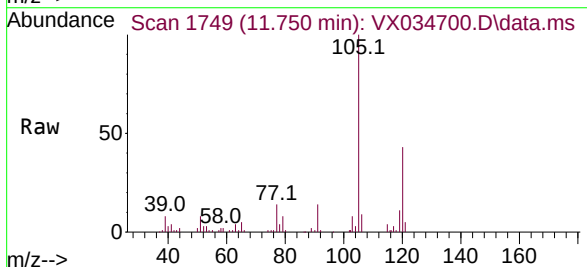
Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-2-20230322

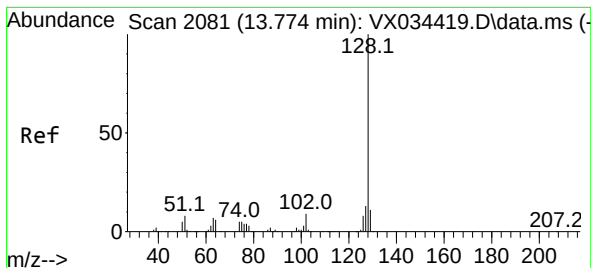
Tgt Ion:152 Resp: 202164
 Ion Ratio Lower Upper
 152 100
 115 62.0 45.0 135.0
 150 157.6 0.0 352.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.559 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX034700.D
 Acq: 23 Mar 2023 15:52

Tgt Ion:105 Resp: 20876
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.4 67.0





#95

Naphthalene

Concen: 12.510 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX034700.D

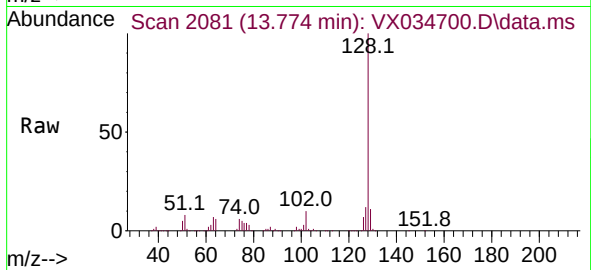
Acq: 23 Mar 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :

WC1-2-20230322



Tgt Ion:128 Resp: 186217

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.9 8.6 13.0

