

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034701.D
 Acq On : 23 Mar 2023 16:16
 Operator : JC/MD
 Sample : 02045-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-3-20230322

Quant Time: Mar 24 05:46:12 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)

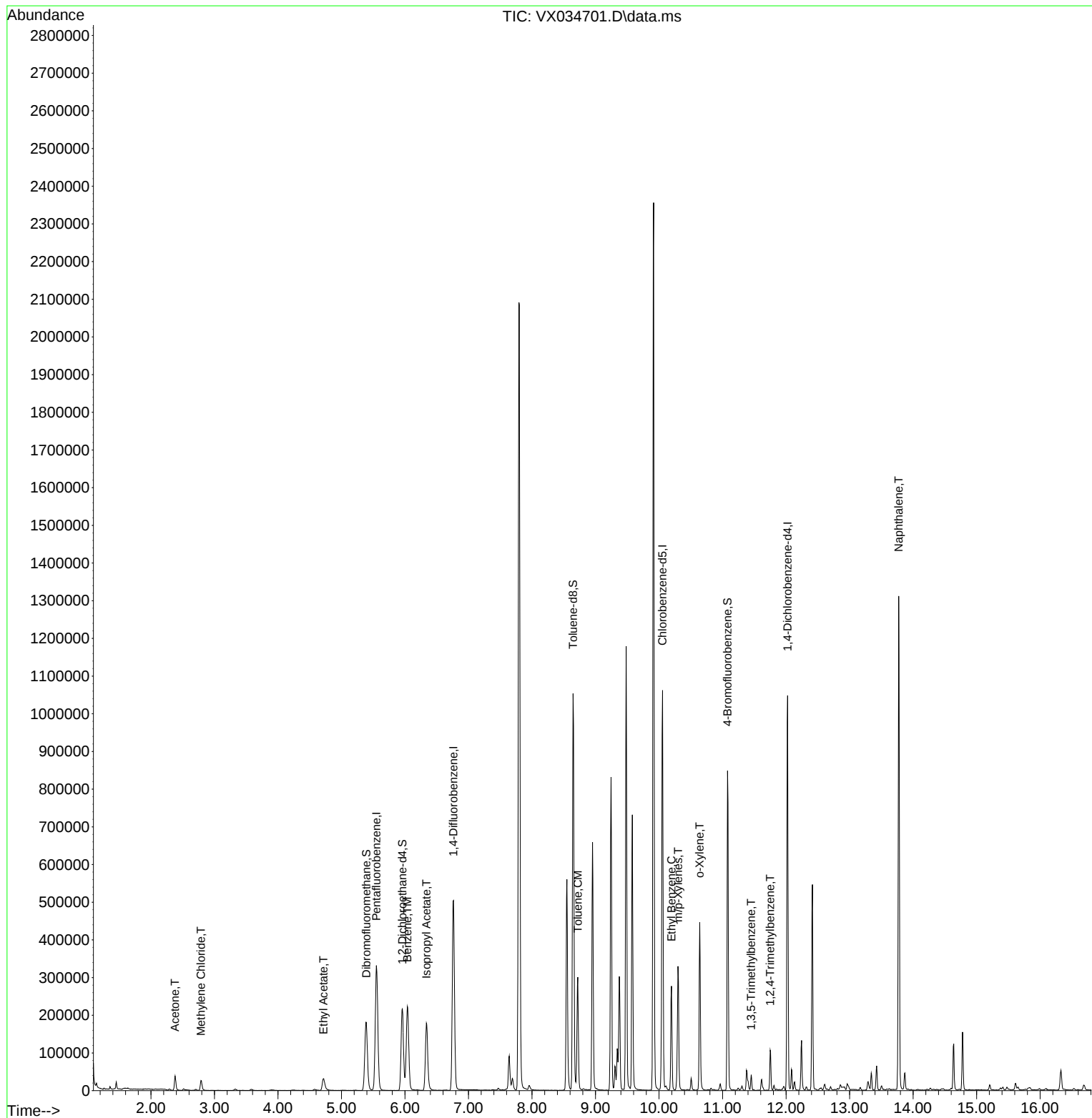
Internal Standards						
1) Pentafluorobenzene	5.550	168	300518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	505866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220520	50.440	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.880%			
35) Dibromofluoromethane	5.391	113	159433	47.735	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	8.647	98	608891	48.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.680%			
62) 4-Bromofluorobenzene	11.079	95	234234	46.510	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.020%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	40141	19.492	ug/l	95
20) Methylene Chloride	2.788	84	12401	3.103	ug/l	94
37) Ethyl Acetate	4.715	43	58478	10.434	ug/l	99
40) Benzene	6.038	78	268358	17.882	ug/l	99
43) Isopropyl Acetate	6.336	43	251367	26.476	ug/l	99
52) Toluene	8.720	92	108485	11.676	ug/l	99
67) Ethyl Benzene	10.195	91	159192	9.013	ug/l	98
68) m/p-Xylenes	10.299	106	75043	11.060	ug/l	98
69) o-Xylene	10.640	106	50221	7.376	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	16826	1.238	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	45419	3.271	ug/l	99
95) Naphthalene	13.774	128	775985	50.284	ug/l	100

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

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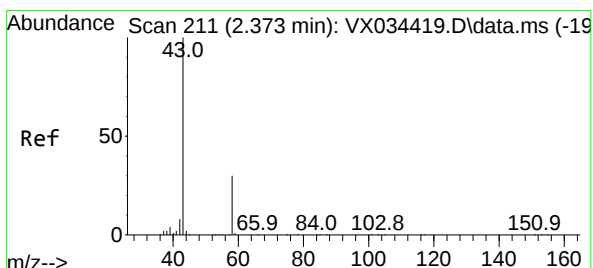
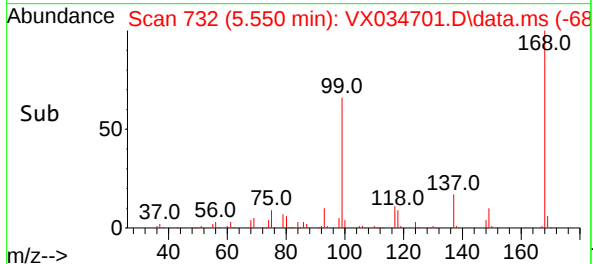
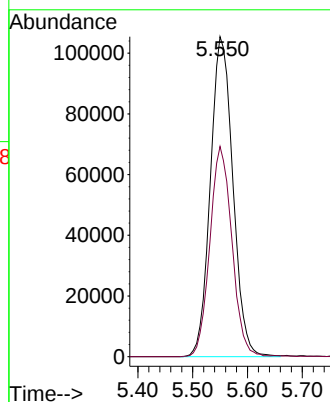
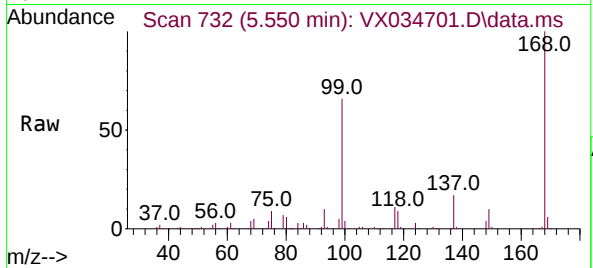




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

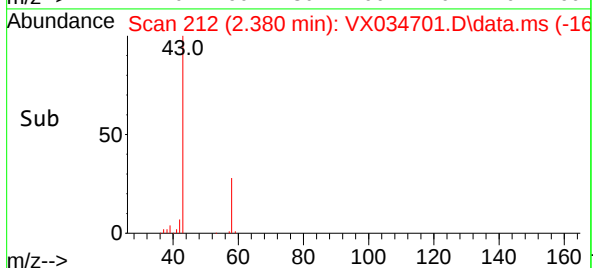
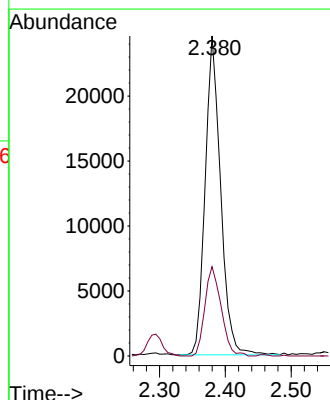
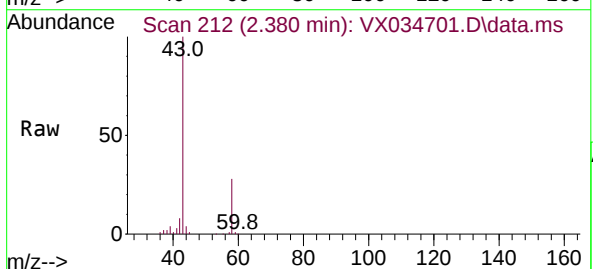
Instrument :
MSVOA_X
ClientSampleId :
WC1-3-20230322

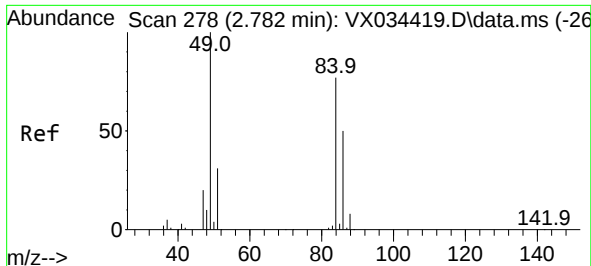
Tgt Ion:168 Resp: 300518
Ion Ratio Lower Upper
168 100
99 65.7 45.7 68.5



#16
Acetone
Concen: 19.492 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

Tgt Ion: 43 Resp: 40141
Ion Ratio Lower Upper
43 100
58 28.0 24.7 37.1

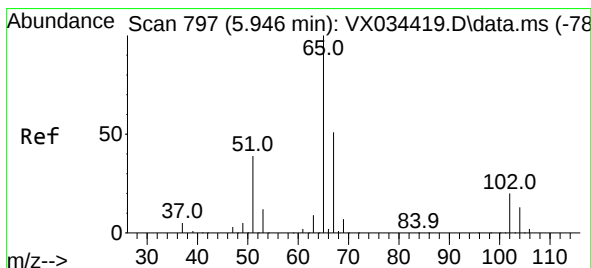
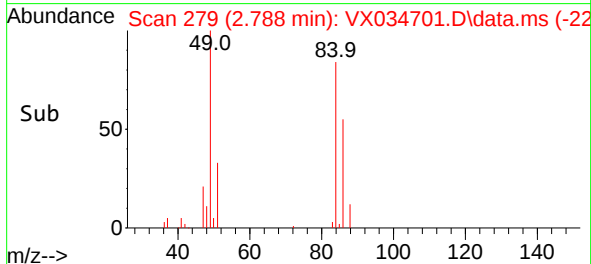
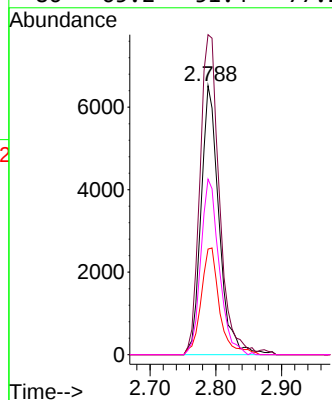
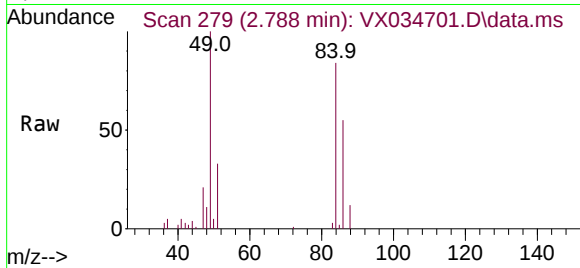




#20
Methylene Chloride
Concen: 3.103 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

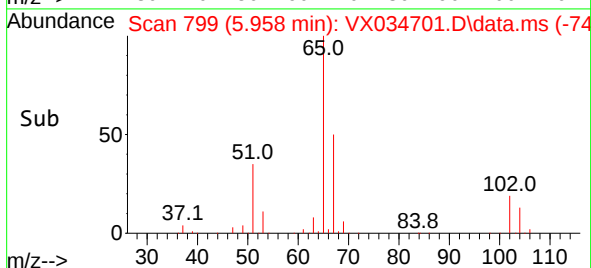
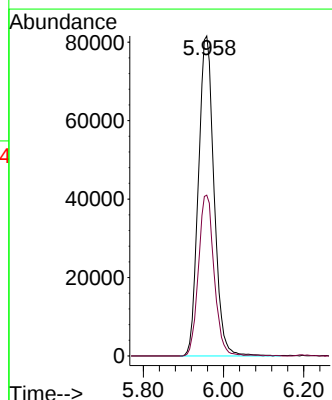
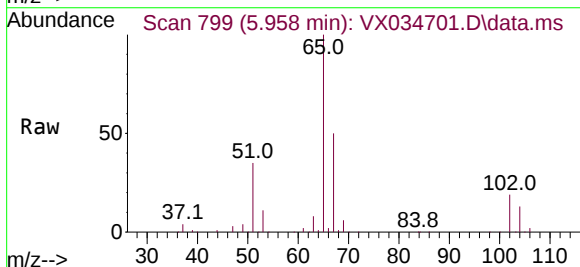
Instrument :
MSVOA_X
ClientSampleId :
WC1-3-20230322

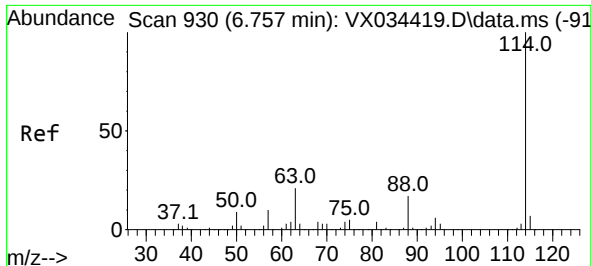
Tgt Ion:	84	Resp:	12401
Ion	Ratio	Lower	Upper
84	100		
49	118.9	103.8	155.8
51	39.3	31.8	47.8
86	65.2	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 50.440 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

Tgt Ion:	65	Resp:	220520
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	104.0

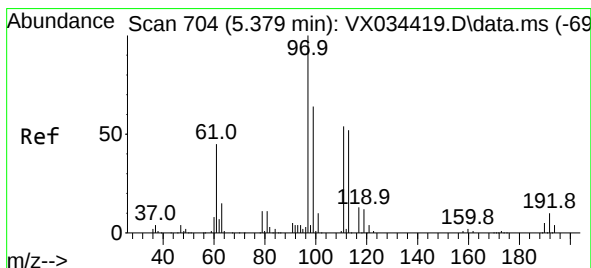
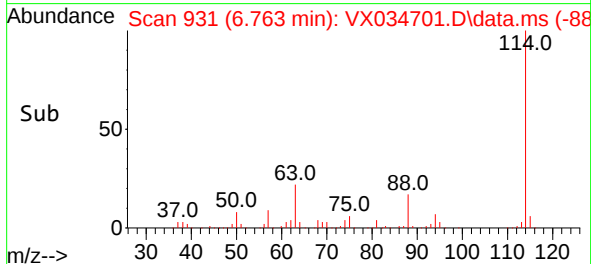
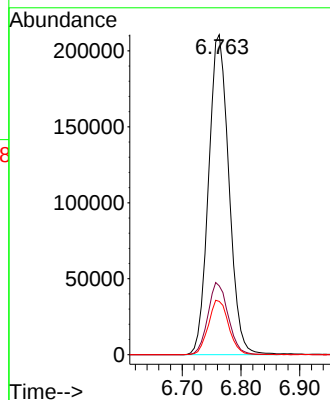
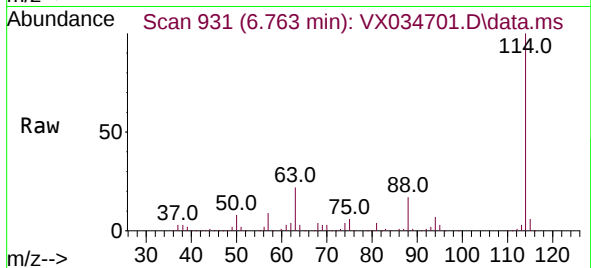




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

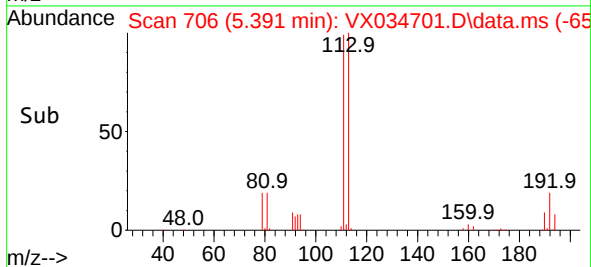
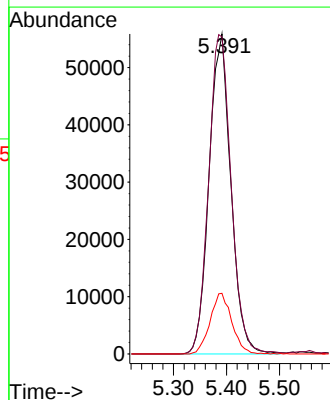
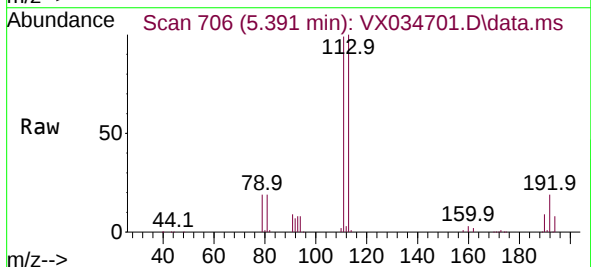
Instrument :
MSVOA_X
ClientSampleId :
WC1-3-20230322

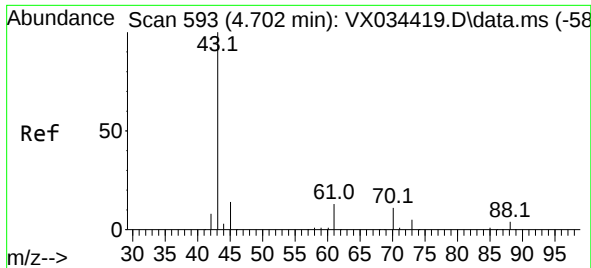
Tgt Ion:114 Resp: 505866
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.735 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

Tgt Ion:113 Resp: 159433
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.9 15.4 23.2





#37

Ethyl Acetate

Concen: 10.434 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.012 min

Lab File: VX034701.D

Acq: 23 Mar 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

WC1-3-20230322

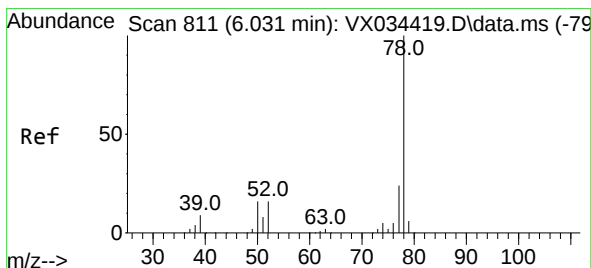
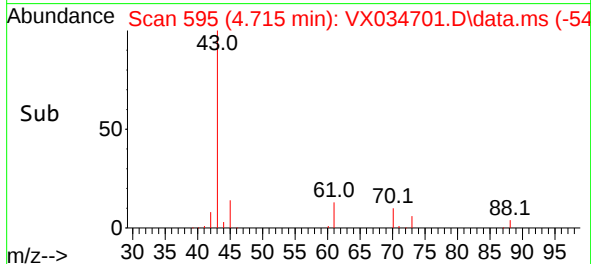
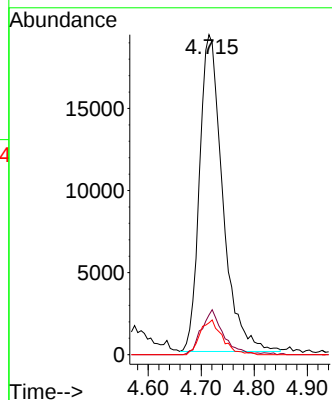
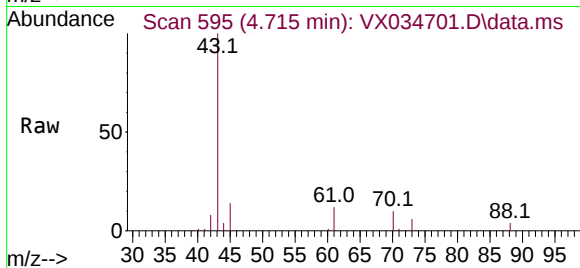
Tgt Ion: 43 Resp: 58478

Ion Ratio Lower Upper

43 100

61 13.2 10.2 15.4

70 10.6 8.2 12.4



#40

Benzene

Concen: 17.882 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034701.D

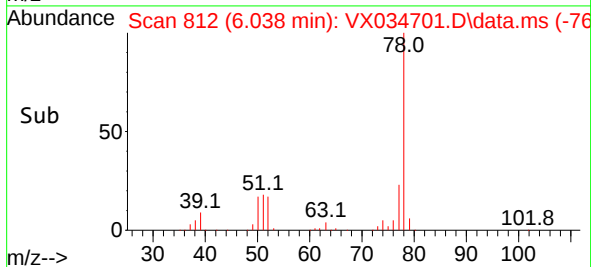
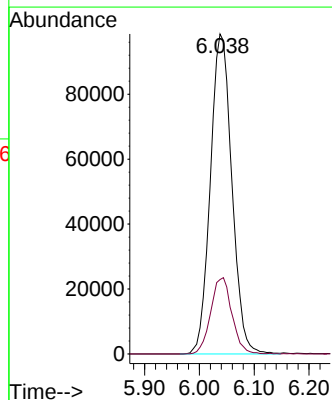
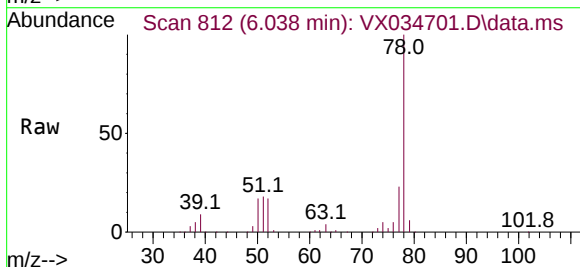
Acq: 23 Mar 2023 16:16

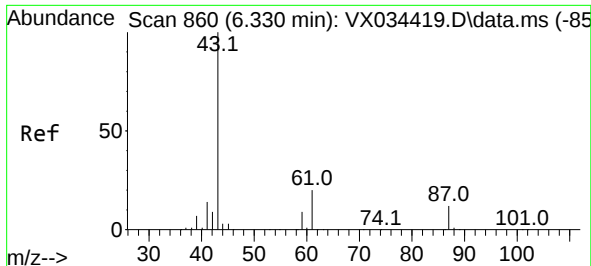
Tgt Ion: 78 Resp: 268358

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4





#43

Isopropyl Acetate

Concen: 26.476 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX034701.D

Acq: 23 Mar 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

WC1-3-20230322

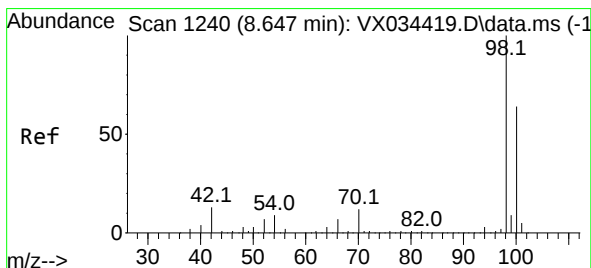
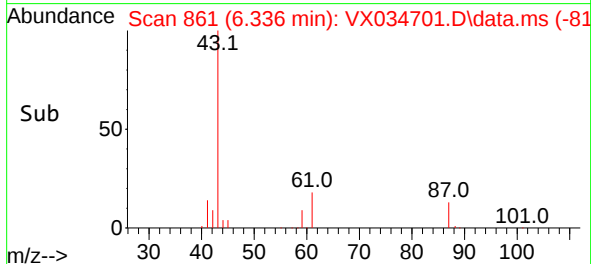
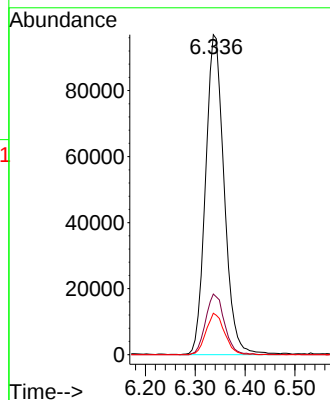
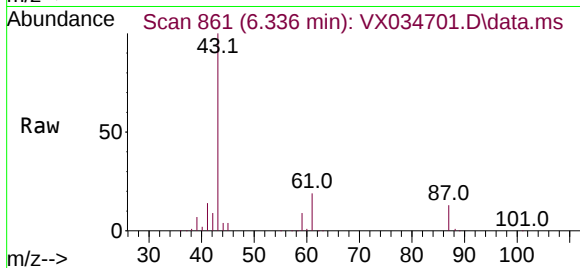
Tgt Ion: 43 Resp: 251367

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

87 12.9 9.8 14.8



#50

Toluene-d8

Concen: 48.835 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034701.D

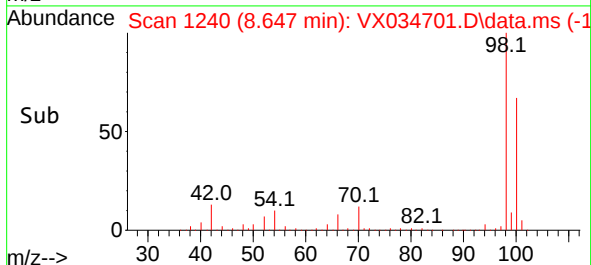
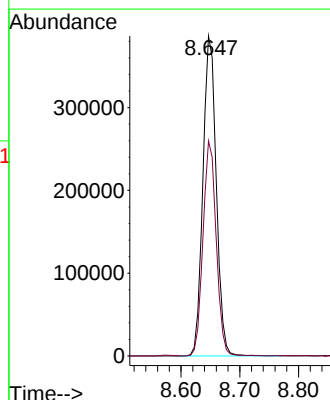
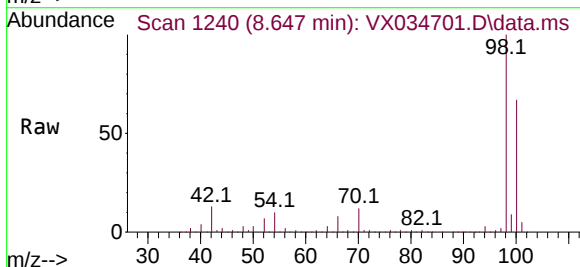
Acq: 23 Mar 2023 16:16

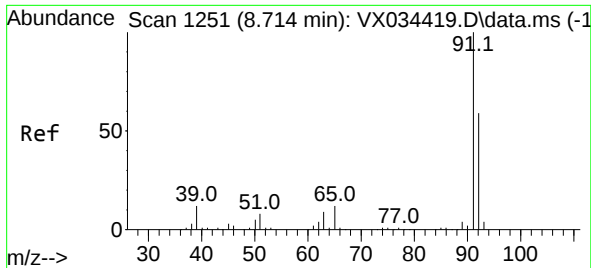
Tgt Ion: 98 Resp: 608891

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7

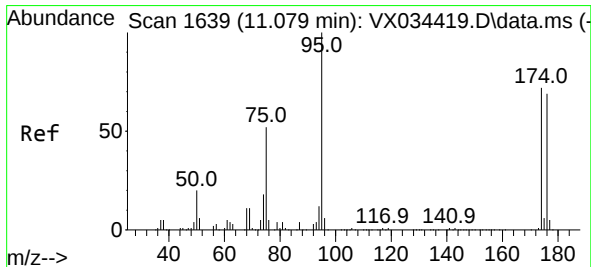
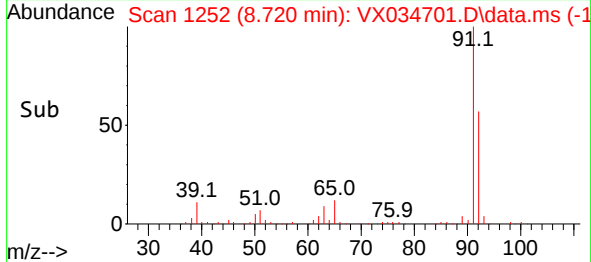
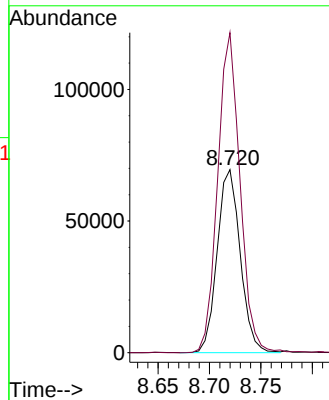
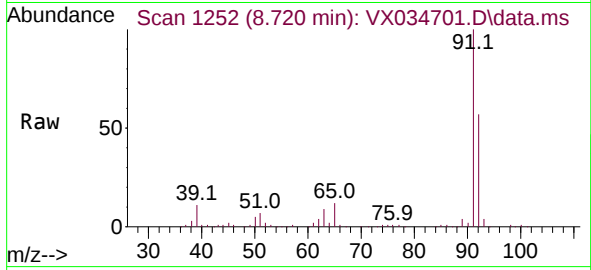




#52
Toluene
Concen: 11.676 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

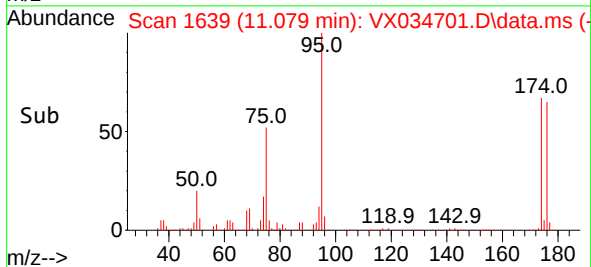
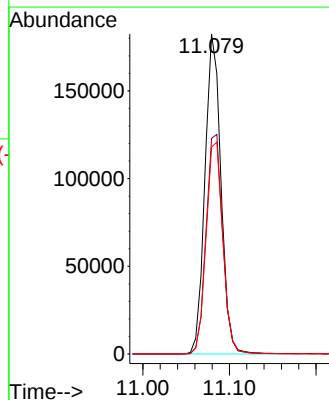
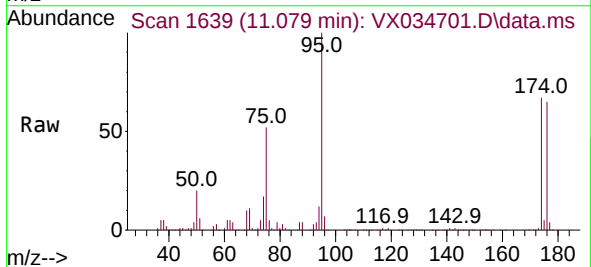
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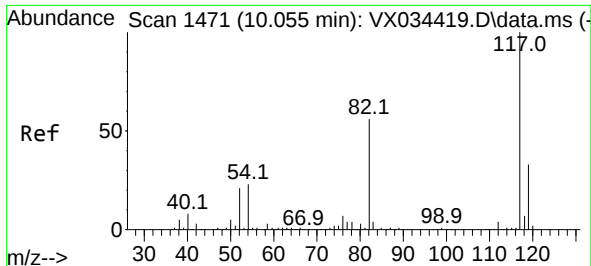
Tgt Ion: 92 Resp: 108485
Ion Ratio Lower Upper
92 100
91 169.1 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 46.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

Tgt Ion: 95 Resp: 234234
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.3 0.0 140.6

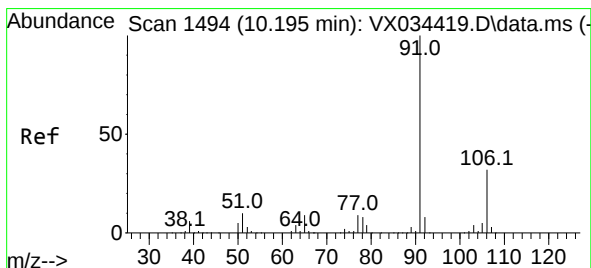
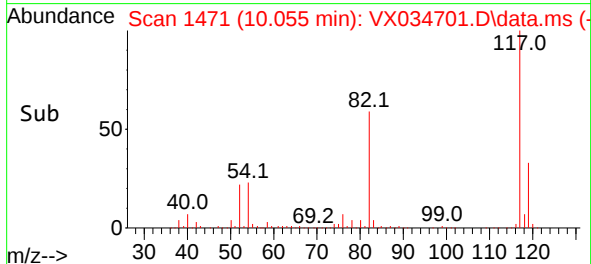
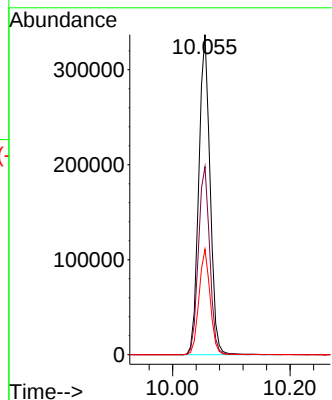
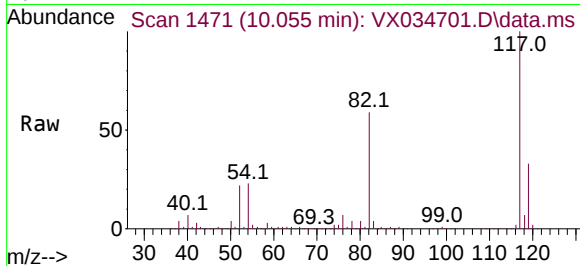




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

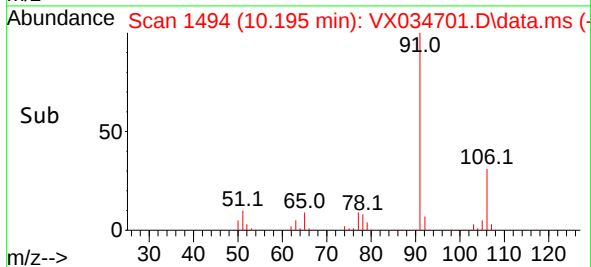
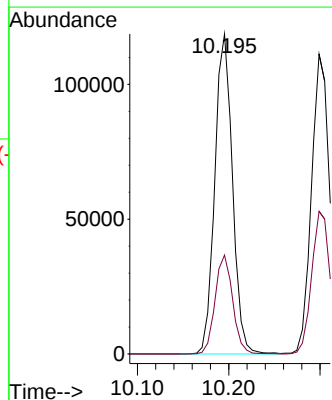
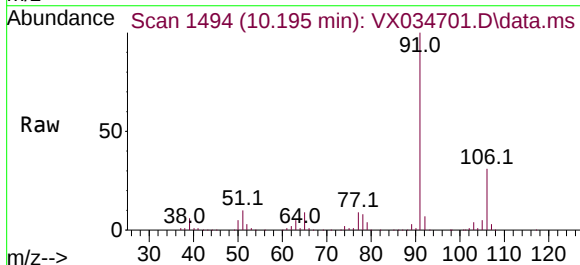
Instrument :
MSVOA_X
ClientSampleId :
WC1-3-20230322

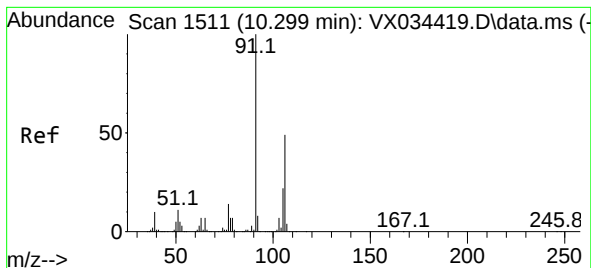
Tgt Ion:117 Resp: 449676
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 33.0 26.0 39.0



#67
Ethyl Benzene
Concen: 9.013 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

Tgt Ion: 91 Resp: 159192
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

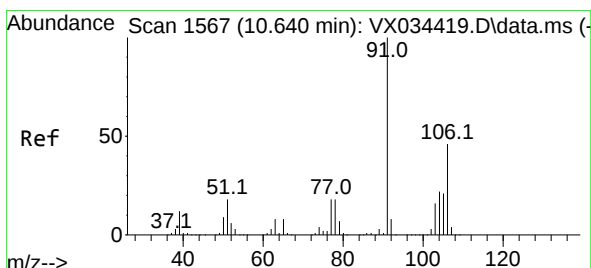
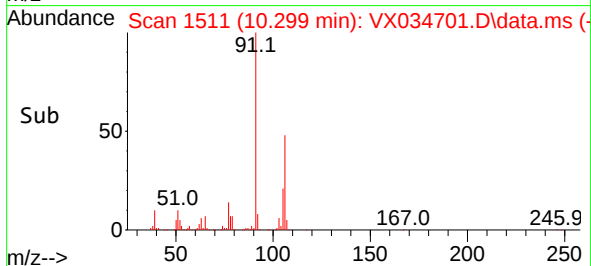
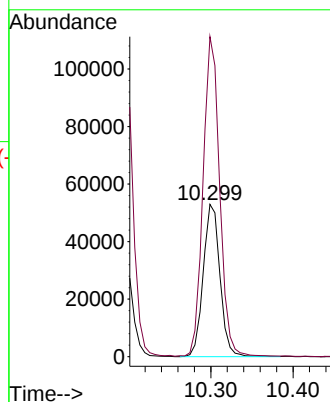
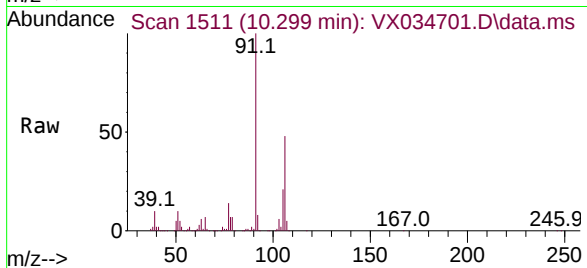




#68
m/p-Xylenes
Concen: 11.060 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

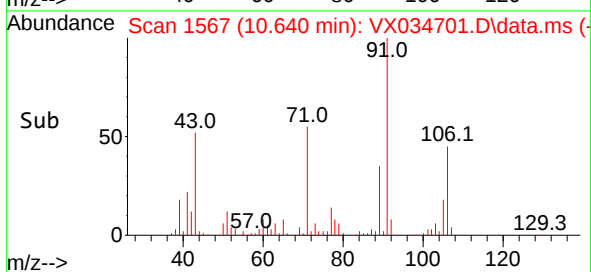
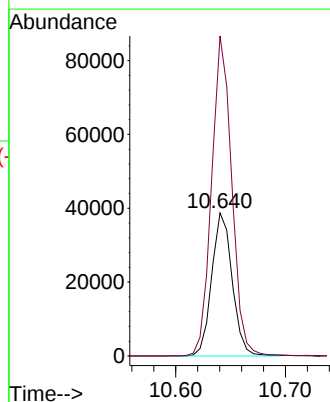
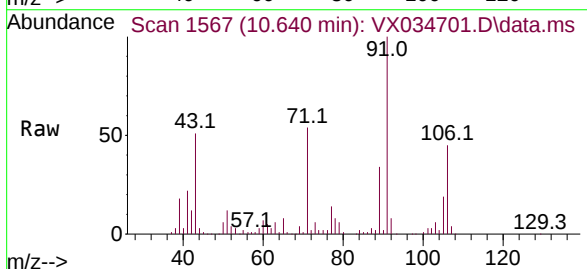
Instrument :
MSVOA_X
ClientSampleId :
WC1-3-20230322

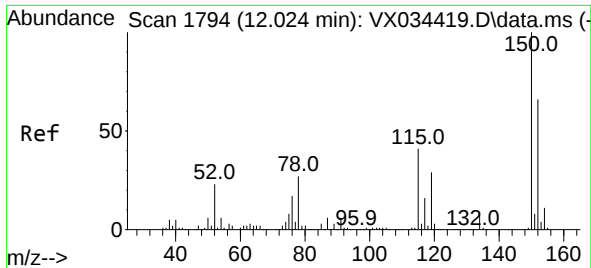
Tgt Ion:106 Resp: 75043
Ion Ratio Lower Upper
106 100
91 207.8 164.0 246.0



#69
o-Xylene
Concen: 7.376 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

Tgt Ion:106 Resp: 50221
Ion Ratio Lower Upper
106 100
91 221.4 108.5 325.3

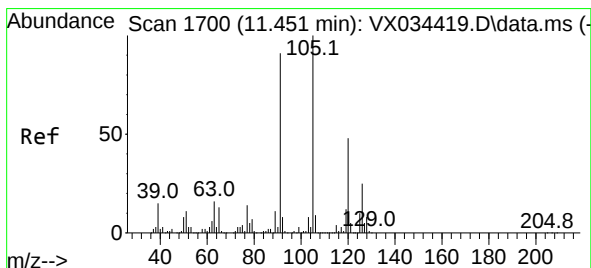
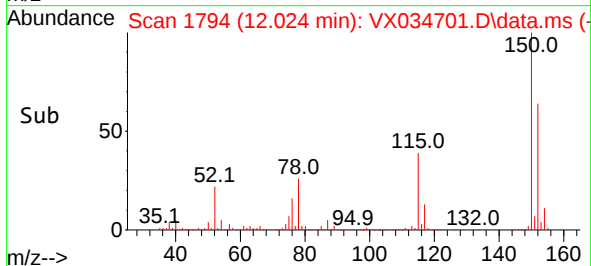
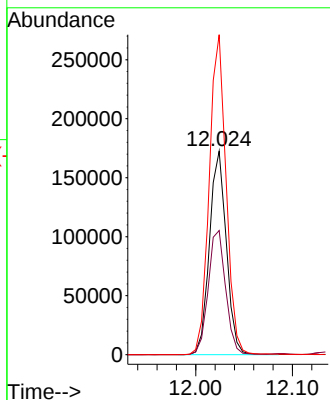
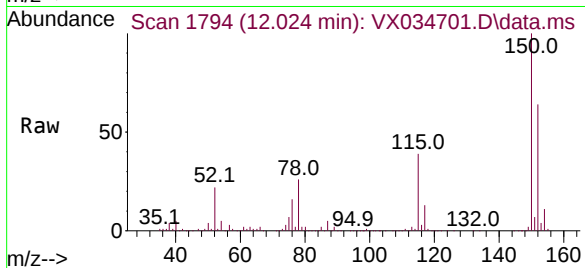




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034701.D
 Acq: 23 Mar 2023 16:16

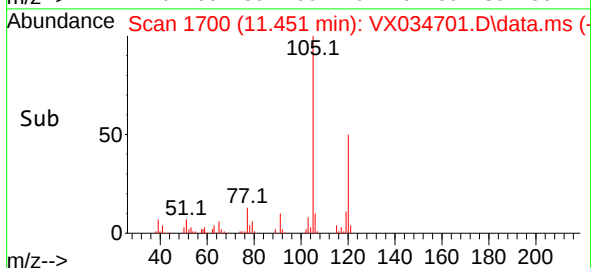
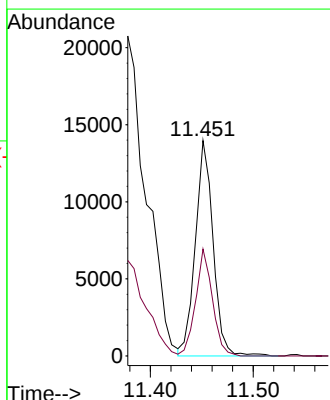
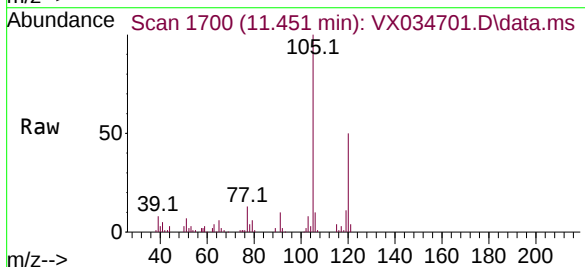
Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-3-20230322

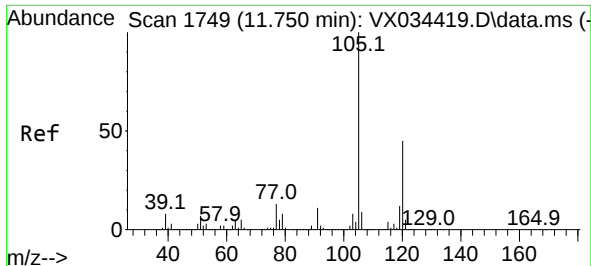
Tgt Ion:152 Resp: 209593
 Ion Ratio Lower Upper
 152 100
 115 62.9 45.0 135.0
 150 157.3 0.0 352.4



#80
 1,3,5-Trimethylbenzene
 Concen: 1.238 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX034701.D
 Acq: 23 Mar 2023 16:16

Tgt Ion:105 Resp: 16826
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.7 71.1

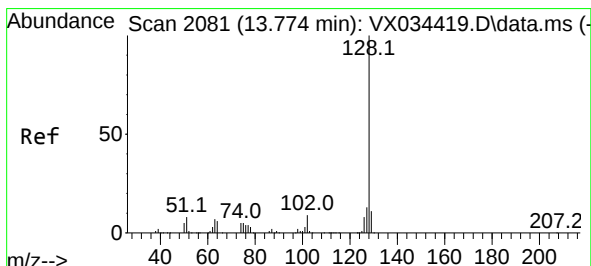
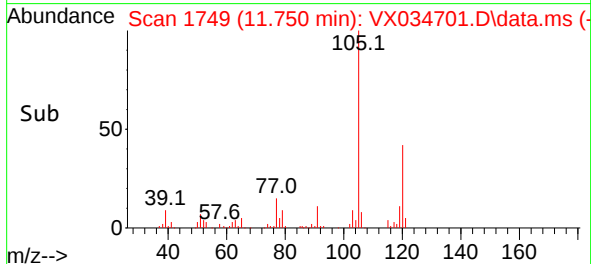
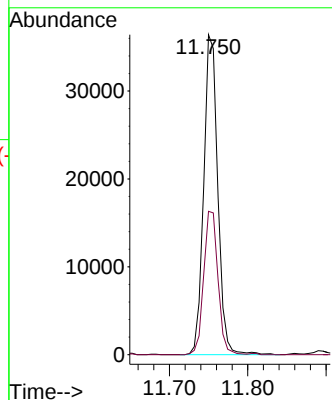
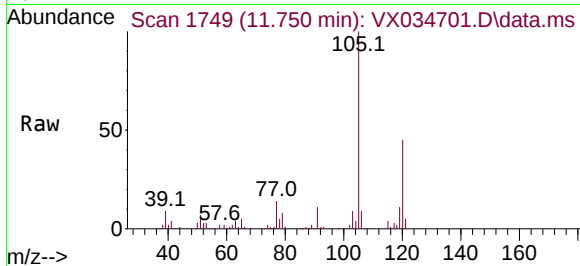




#84
1,2,4-Trimethylbenzene
Concen: 3.271 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

Instrument :
MSVOA_X
ClientSampleId :
WC1-3-20230322

Tgt Ion:105 Resp: 45419
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.0



#95
Naphthalene
Concen: 50.284 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034701.D
Acq: 23 Mar 2023 16:16

Tgt Ion:128 Resp: 775985
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0

