

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034352.D
 Acq On : 06 Mar 2023 16:11
 Operator : JC/MD
 Sample : 01803-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

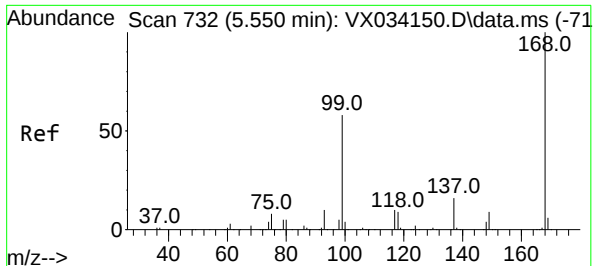
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-VOC

Quant Time: Mar 07 00:40:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

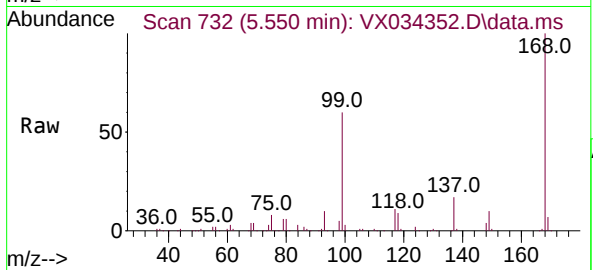
Internal Standards						
1) Pentafluorobenzene	5.550	168	280975	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	474019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190309	50.292	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.580%	
35) Dibromofluoromethane	5.391	113	152970	49.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.120%	
50) Toluene-d8	8.647	98	575607	51.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	11.079	95	215007	50.727	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.460%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	7771	9.182	ug/l	# 74
16) Acetone	2.380	43	40035	20.510	ug/l	100
18) Methyl Acetate	2.709	43	5033	0.833	ug/l	94
20) Methylene Chloride	2.788	84	764	0.217	ug/l	88
25) 2-Butanone	4.568	43	24046	8.514	ug/l	99
52) Toluene	8.720	92	4124	0.503	ug/l	92
67) Ethyl Benzene	10.195	91	5890	0.369	ug/l	99
68) m/p-Xylenes	10.299	106	7888	1.292	ug/l	96
69) o-Xylene	10.640	106	4148	0.682	ug/l	97
78) n-propylbenzene	11.305	91	9905	0.528	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	10195	0.752	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	43574	3.179	ug/l	97
85) sec-Butylbenzene	11.890	105	3996	0.237	ug/l	# 70
86) p-Isopropyltoluene	12.012	119	2855	0.205	ug/l	# 70
95) Naphthalene	13.780	128	16718	1.086	ug/l	# 88

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

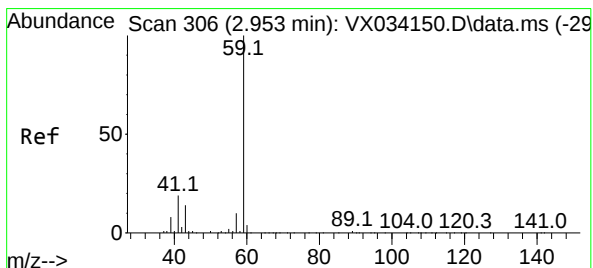
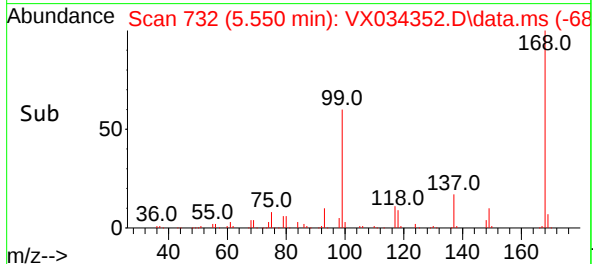
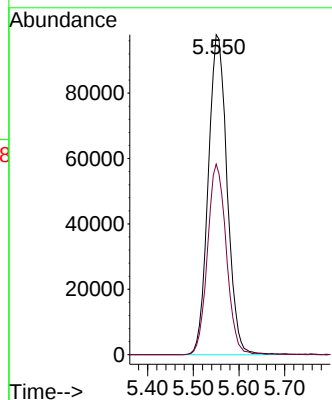


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC

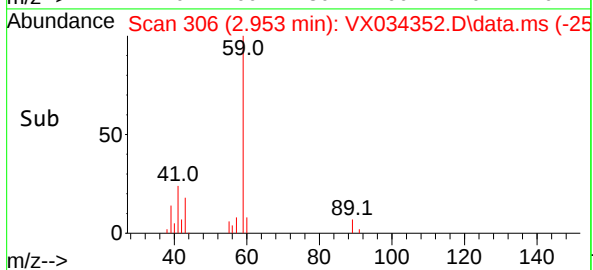
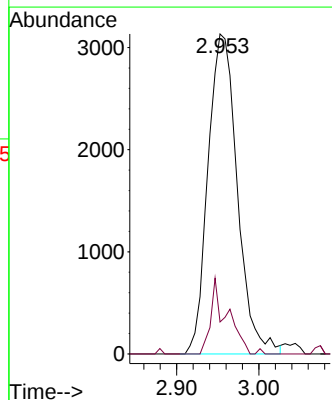
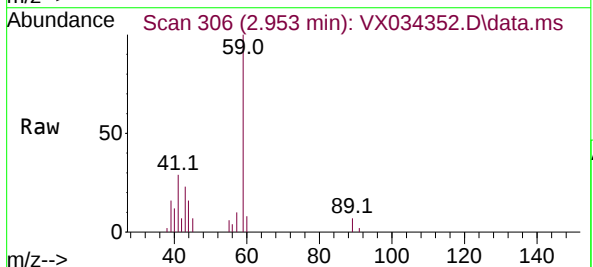


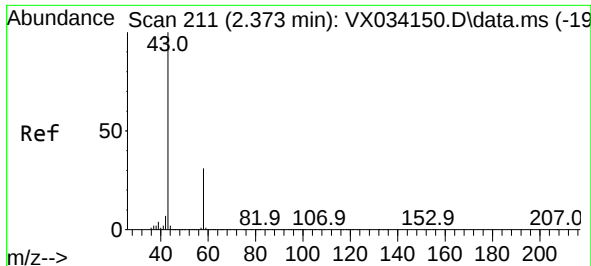
Tgt Ion:168 Resp: 280975
Ion Ratio Lower Upper
168 100
99 59.6 39.6 59.4#



#11
Tert butyl alcohol
Concen: 9.182 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Tgt Ion: 59 Resp: 7771
Ion Ratio Lower Upper
59 100
57 13.1 3.7 5.5#

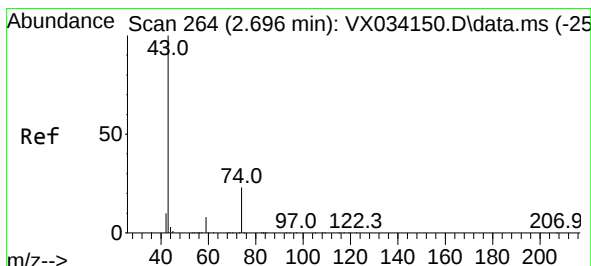
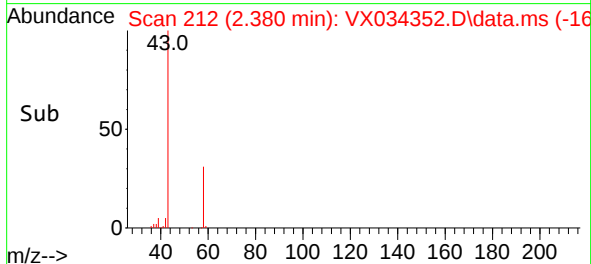
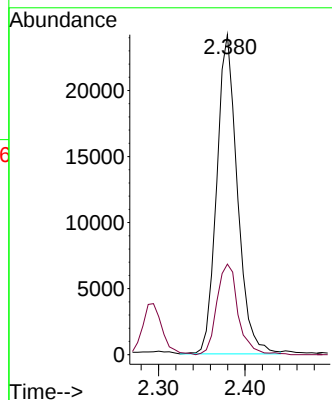
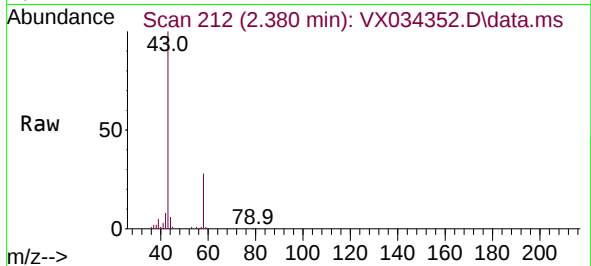




#16
Acetone
Concen: 20.510 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

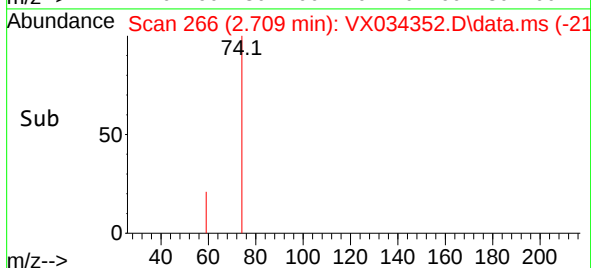
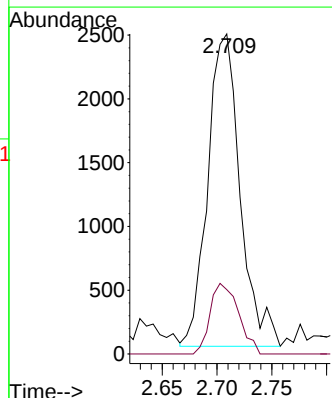
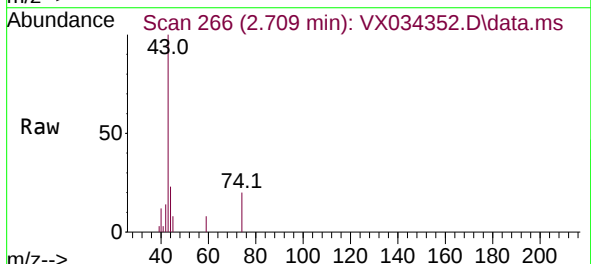
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC

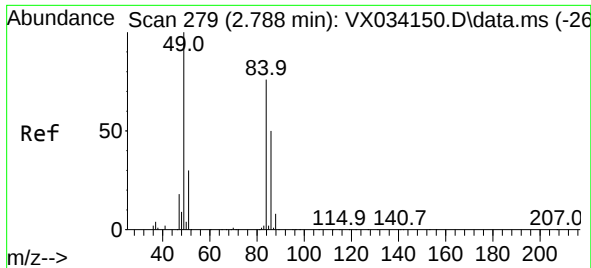
Tgt Ion: 43 Resp: 40035
Ion Ratio Lower Upper
43 100
58 28.0 22.6 33.8



#18
Methyl Acetate
Concen: 0.833 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Tgt Ion: 43 Resp: 5033
Ion Ratio Lower Upper
43 100
74 19.8 18.2 27.4

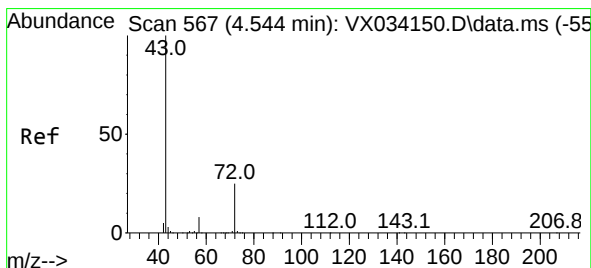
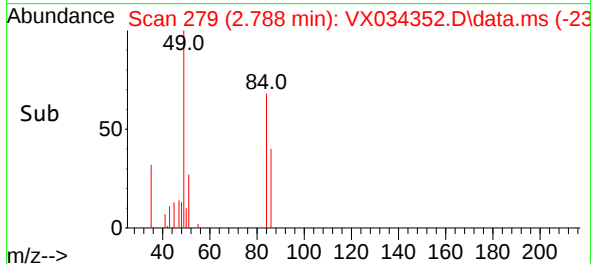
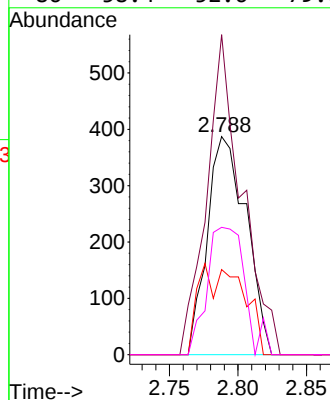
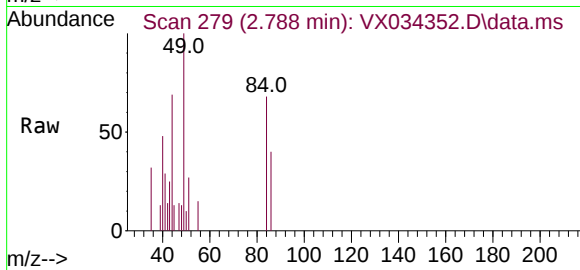




#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

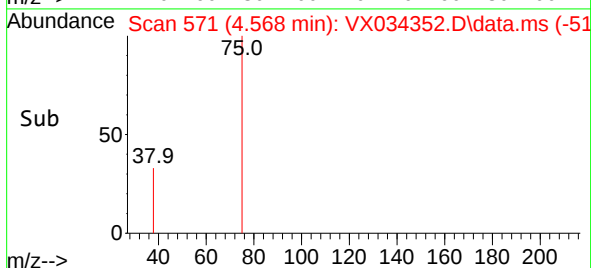
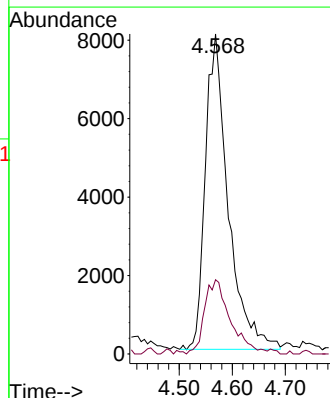
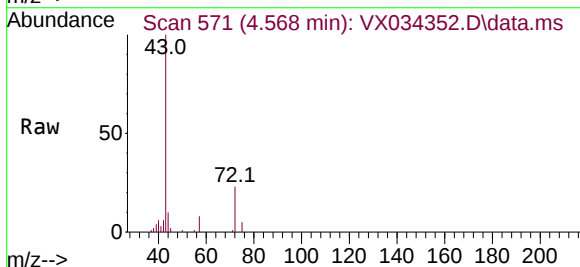
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC

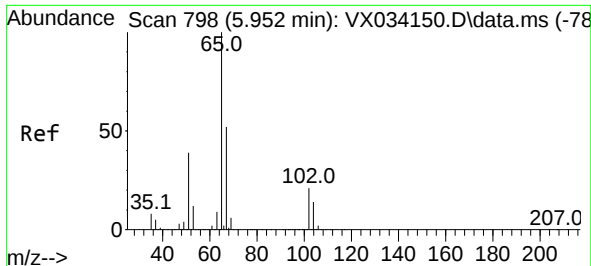
Tgt Ion:	84	Resp:	764
Ion	Ratio	Lower	Upper
84	100		
49	146.8	101.1	151.7
51	39.0	31.0	46.6
86	58.4	52.6	79.0



#25
2-Butanone
Concen: 8.514 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.025 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Tgt Ion:	43	Resp:	24046
Ion	Ratio	Lower	Upper
43	100		
72	23.6	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 50.292 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034352.D

Acq: 06 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

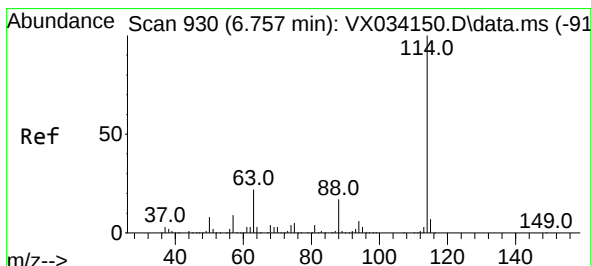
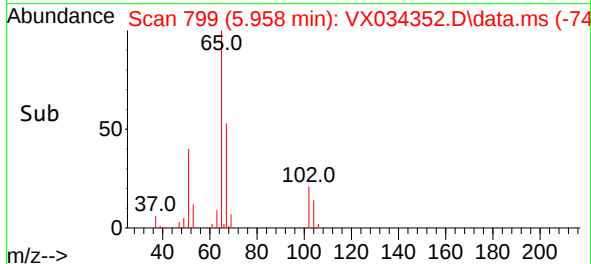
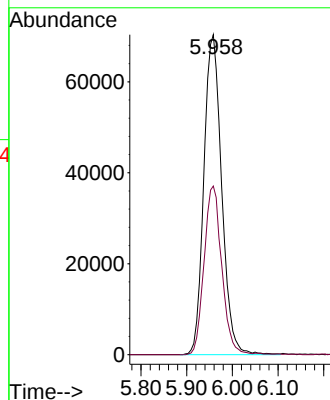
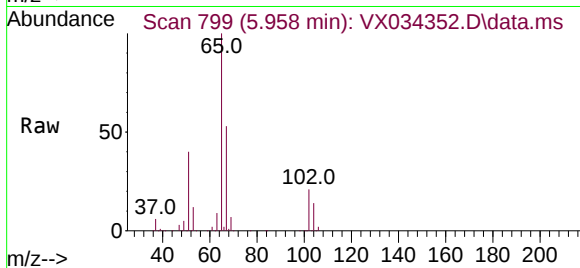
COMP-VOC

Tgt Ion: 65 Resp: 190309

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034352.D

Acq: 06 Mar 2023 16:11

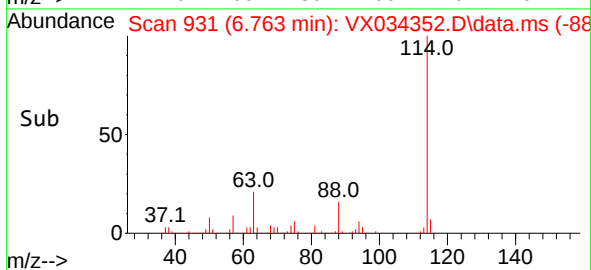
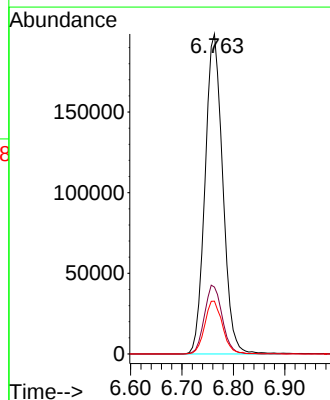
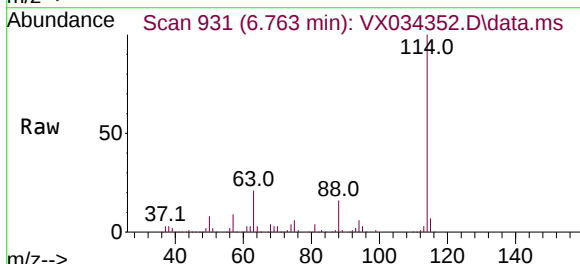
Tgt Ion: 114 Resp: 474019

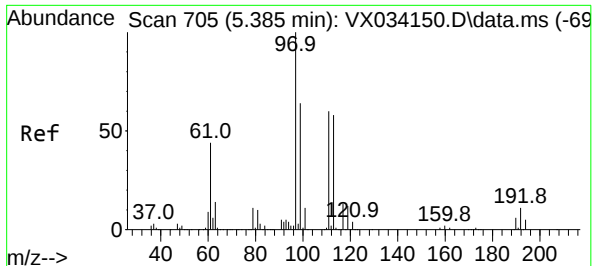
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 16.5 0.0 30.6

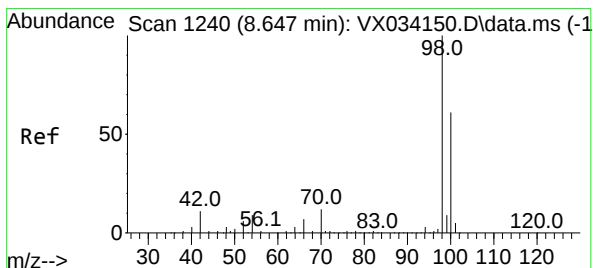
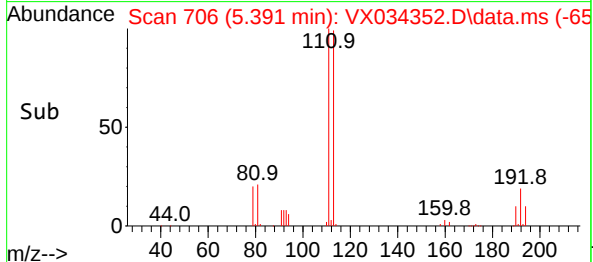
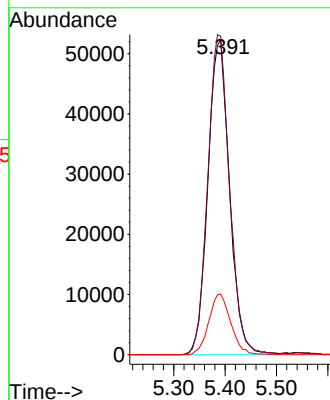
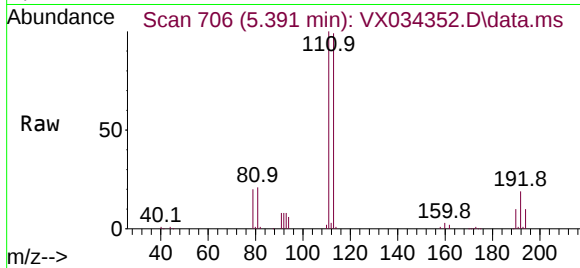




#35
Dibromofluoromethane
Concen: 49.564 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

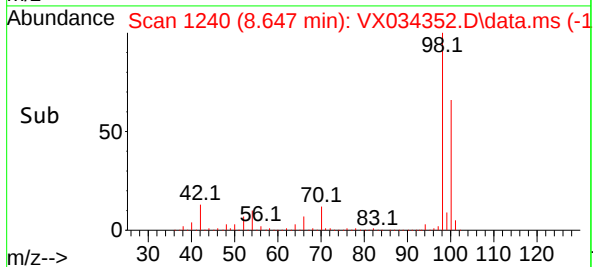
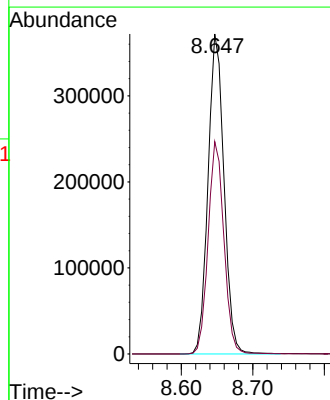
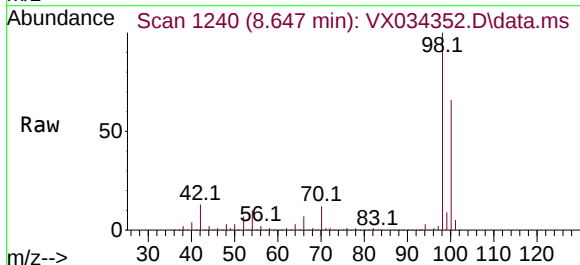
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC

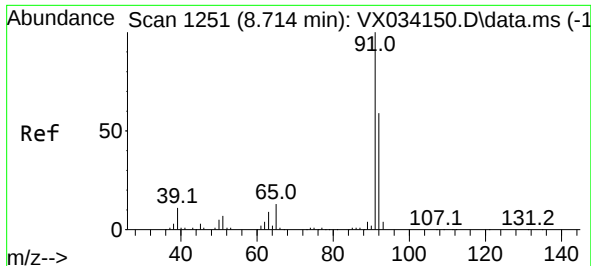
Tgt Ion:113 Resp: 152970
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 19.5 19.0 28.4



#50
Toluene-d8
Concen: 51.946 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Tgt Ion: 98 Resp: 575607
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4

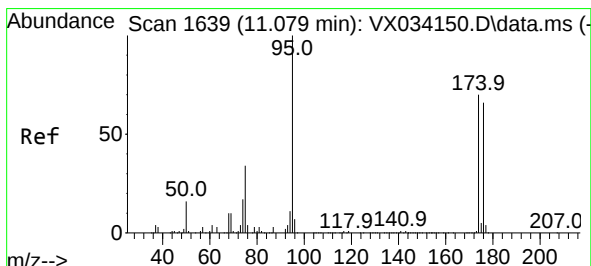
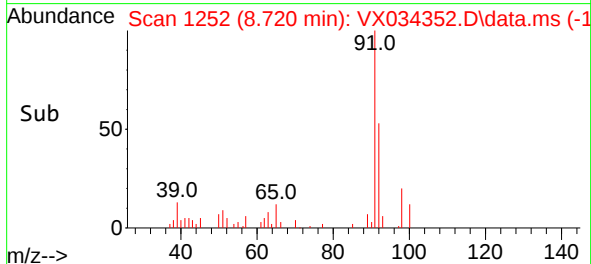
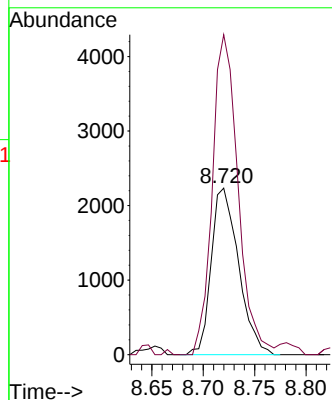
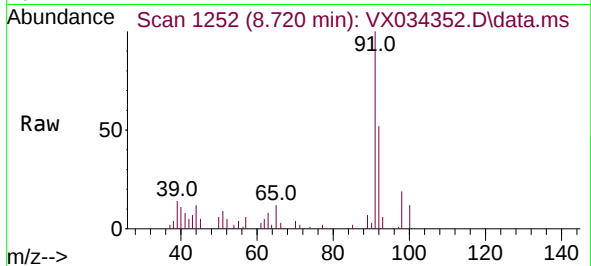




#52
Toluene
Concen: 0.503 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

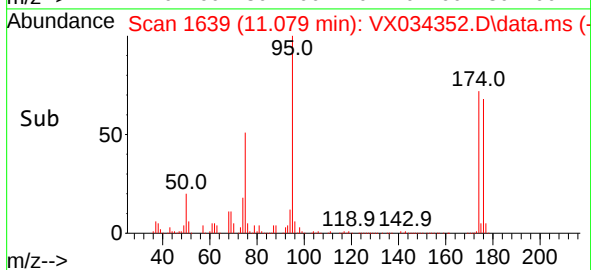
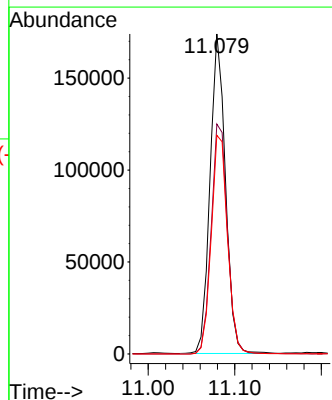
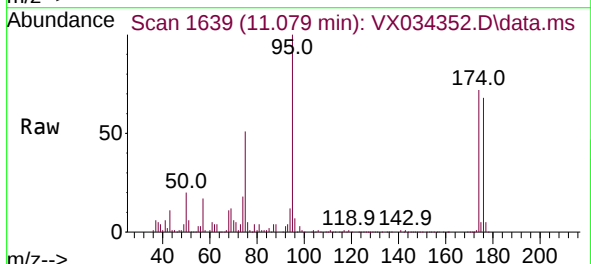
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC

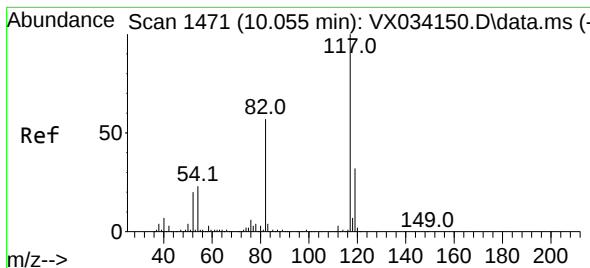
Tgt Ion: 92 Resp: 4124
Ion Ratio Lower Upper
92 100
91 181.0 135.5 203.3



#62
4-Bromofluorobenzene
Concen: 50.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Tgt Ion: 95 Resp: 215007
Ion Ratio Lower Upper
95 100
174 76.0 0.0 184.4
176 72.4 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034352.D

Acq: 06 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-VOC

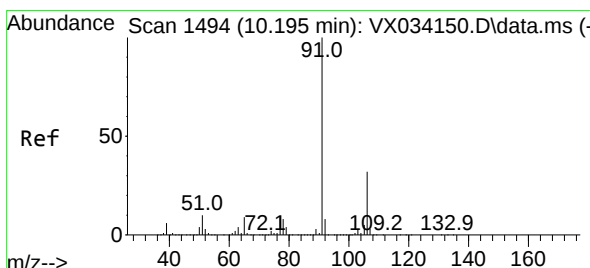
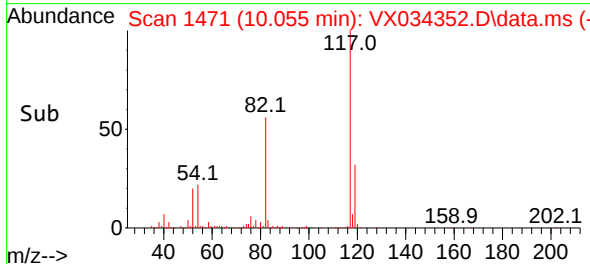
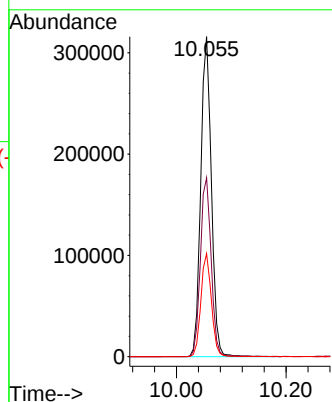
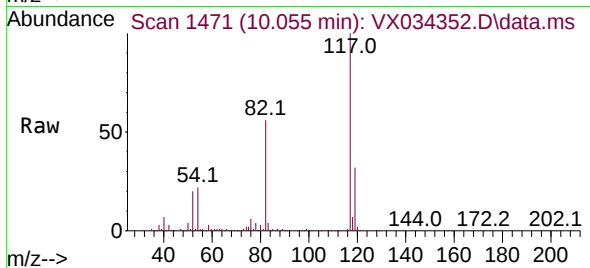
Tgt Ion:117 Resp: 426056

Ion Ratio Lower Upper

117 100

82 55.9 40.6 60.8

119 32.2 25.6 38.4



#67

Ethyl Benzene

Concen: 0.369 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034352.D

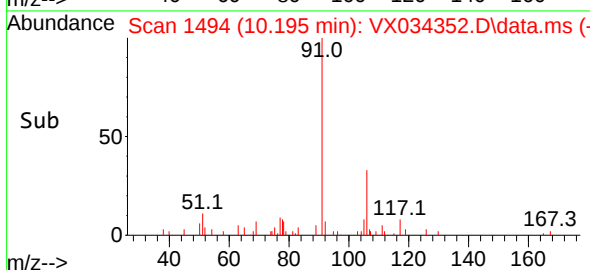
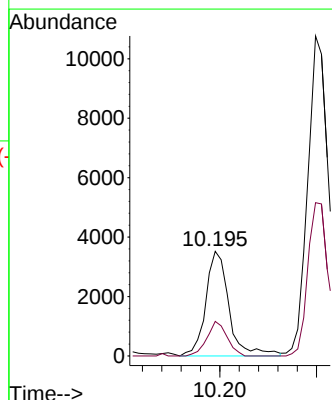
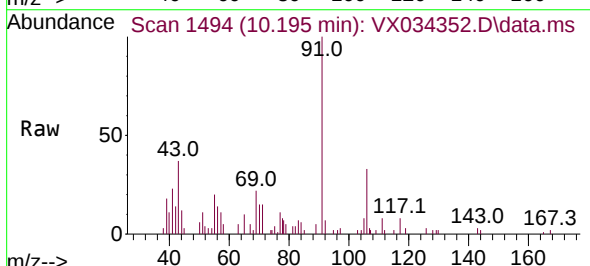
Acq: 06 Mar 2023 16:11

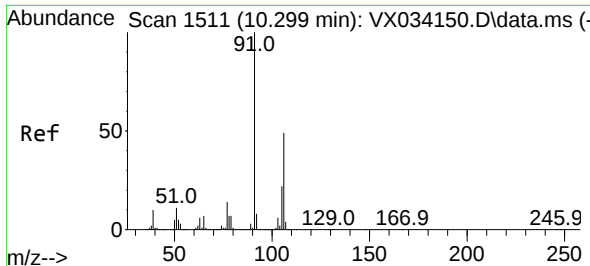
Tgt Ion: 91 Resp: 5890

Ion Ratio Lower Upper

91 100

106 33.0 25.8 38.8

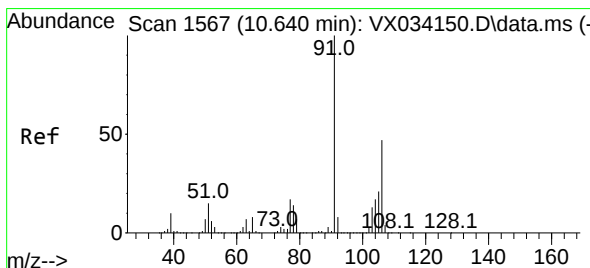
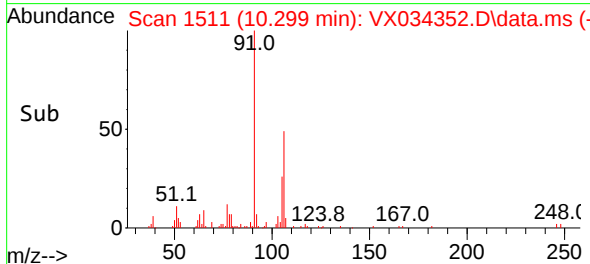
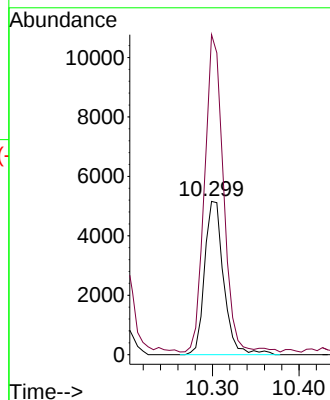
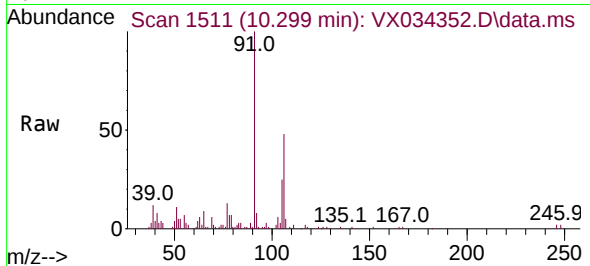




#68
m/p-Xylenes
Concen: 1.292 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

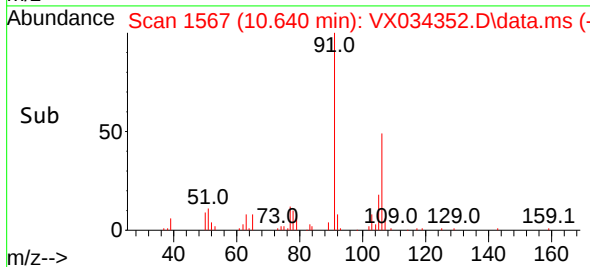
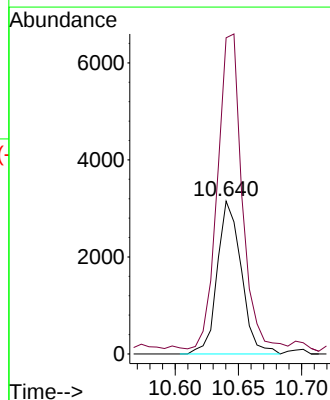
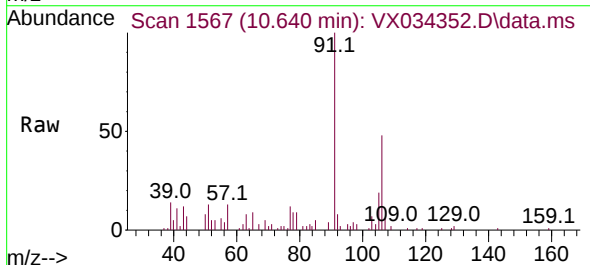
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC

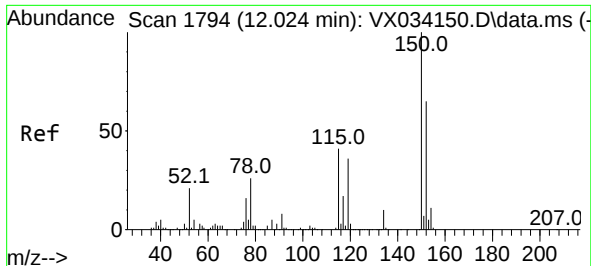
Tgt Ion:106 Resp: 7888
Ion Ratio Lower Upper
106 100
91 202.0 156.4 234.6



#69
o-Xylene
Concen: 0.682 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Tgt Ion:106 Resp: 4148
Ion Ratio Lower Upper
106 100
91 210.5 103.1 309.3

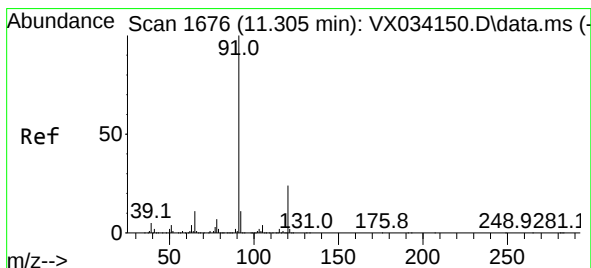
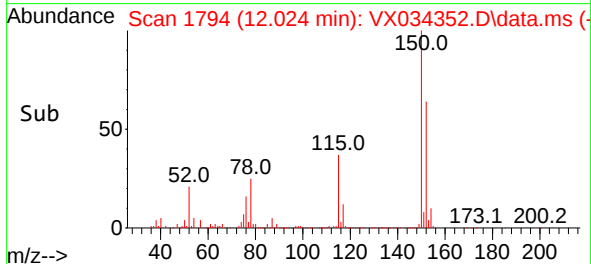
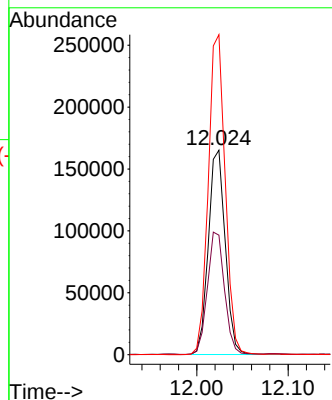
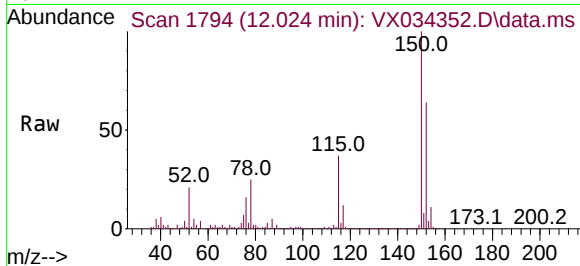




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

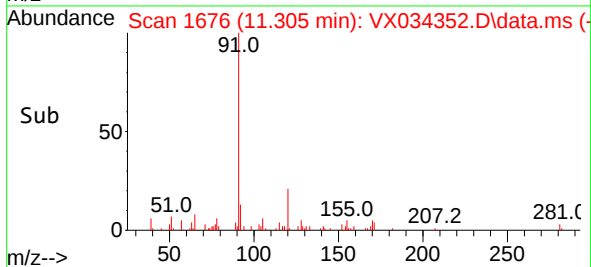
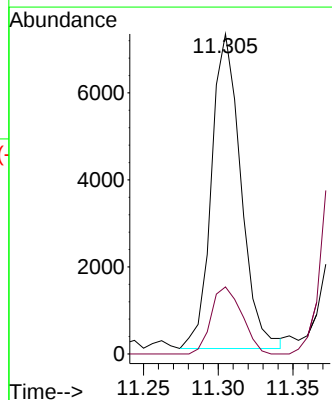
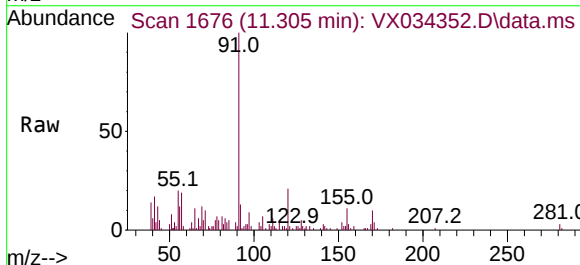
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC

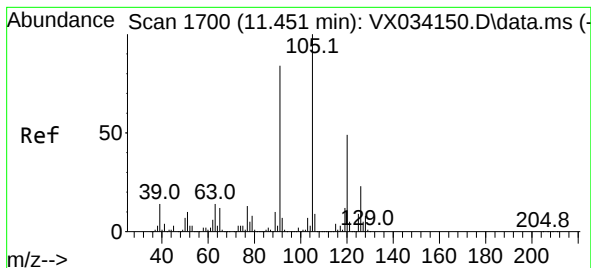
Tgt Ion:152 Resp: 211537
Ion Ratio Lower Upper
152 100
115 60.4 38.7 116.1
150 157.1 0.0 348.2



#78
n-propylbenzene
Concen: 0.528 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Tgt Ion: 91 Resp: 9905
Ion Ratio Lower Upper
91 100
120 22.3 12.3 36.8





#80

1,3,5-Trimethylbenzene

Concen: 0.752 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034352.D

Acq: 06 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

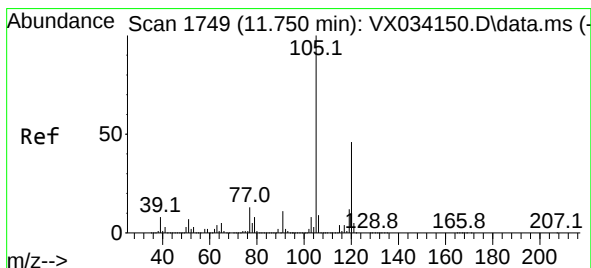
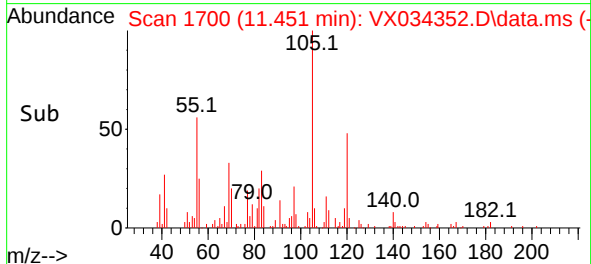
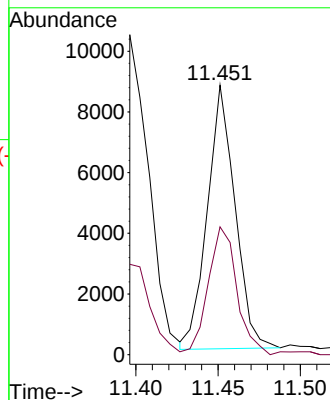
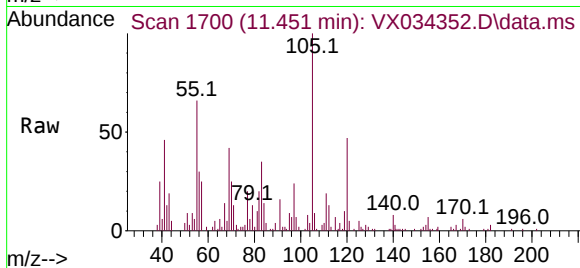
COMP-VOC

Tgt Ion:105 Resp: 10195

Ion Ratio Lower Upper

105 100

120 47.8 25.6 76.8



#84

1,2,4-Trimethylbenzene

Concen: 3.179 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034352.D

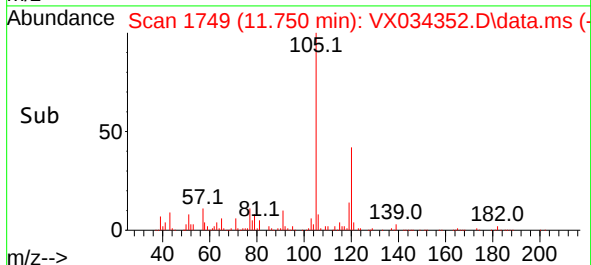
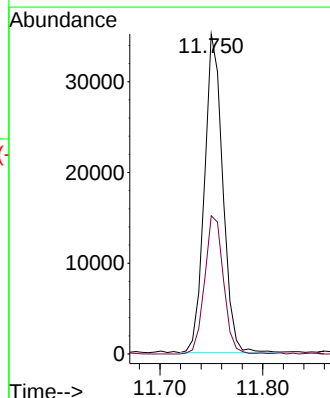
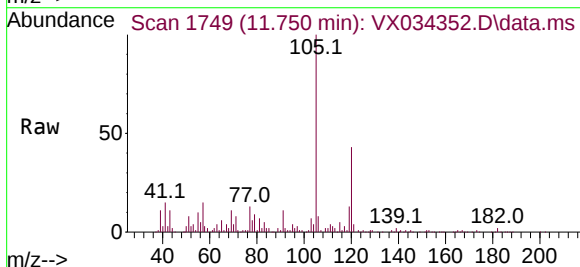
Acq: 06 Mar 2023 16:11

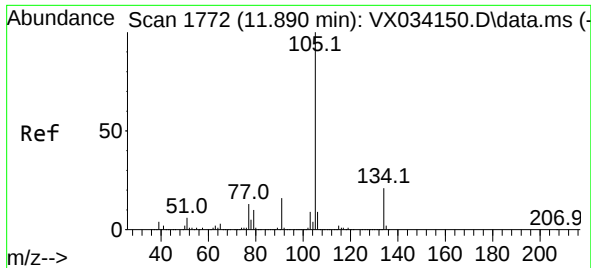
Tgt Ion:105 Resp: 43574

Ion Ratio Lower Upper

105 100

120 44.5 23.4 70.2

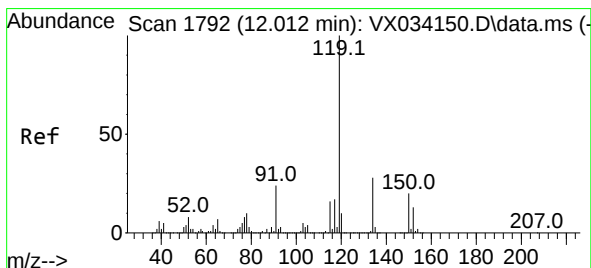
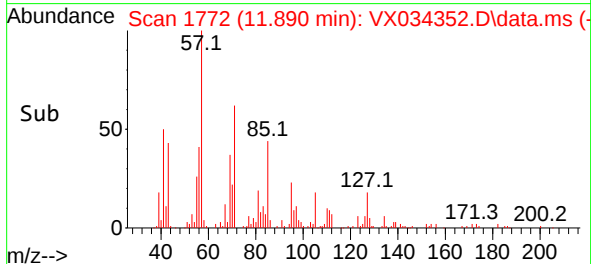
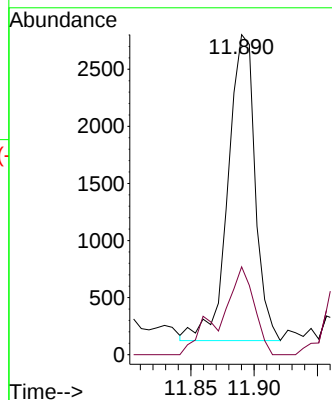
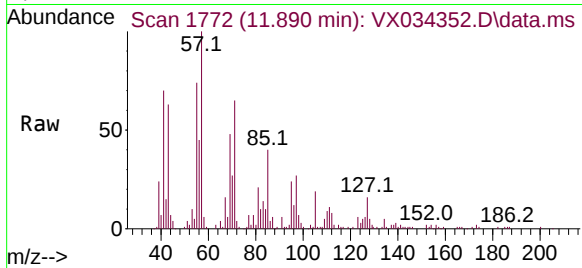




#85
 sec-Butylbenzene
 Concen: 0.237 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034352.D
 Acq: 06 Mar 2023 16:11

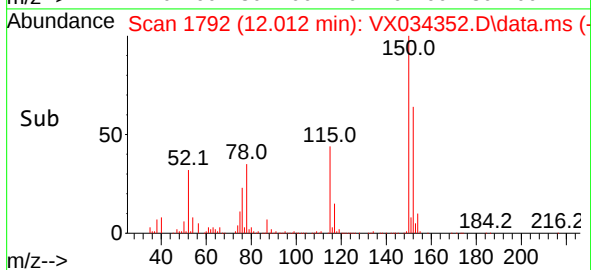
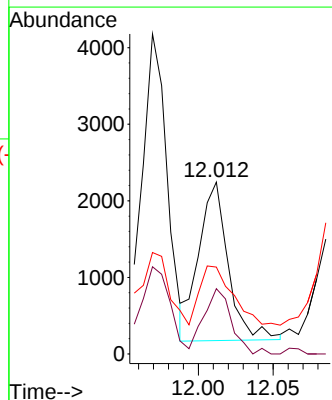
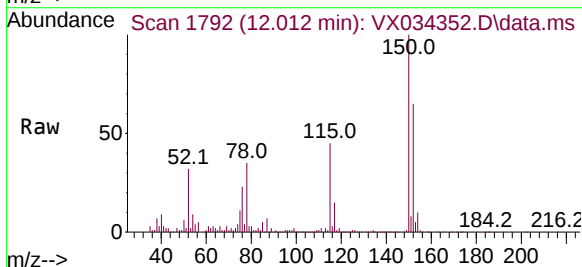
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-VOC

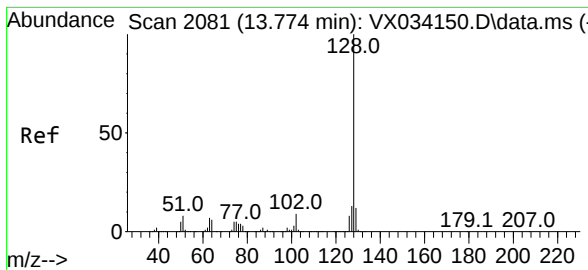
Tgt Ion:105 Resp: 3996
 Ion Ratio Lower Upper
 105 100
 134 35.6 10.8 32.3#



#86
 p-Isopropyltoluene
 Concen: 0.205 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034352.D
 Acq: 06 Mar 2023 16:11

Tgt Ion:119 Resp: 2855
 Ion Ratio Lower Upper
 119 100
 134 38.4 13.6 40.8
 91 40.8 11.0 33.0#





#95
Naphthalene
Concen: 1.086 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034352.D
Acq: 06 Mar 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC

Tgt Ion:128 Resp: 16718
Ion Ratio Lower Upper
128 100
127 16.6 10.3 15.5#
129 16.3 8.7 13.1#

