

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034354.D
 Acq On : 06 Mar 2023 16:58
 Operator : JC/MD
 Sample : 01816-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-VOCDL

Quant Time: Mar 07 00:41:16 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)

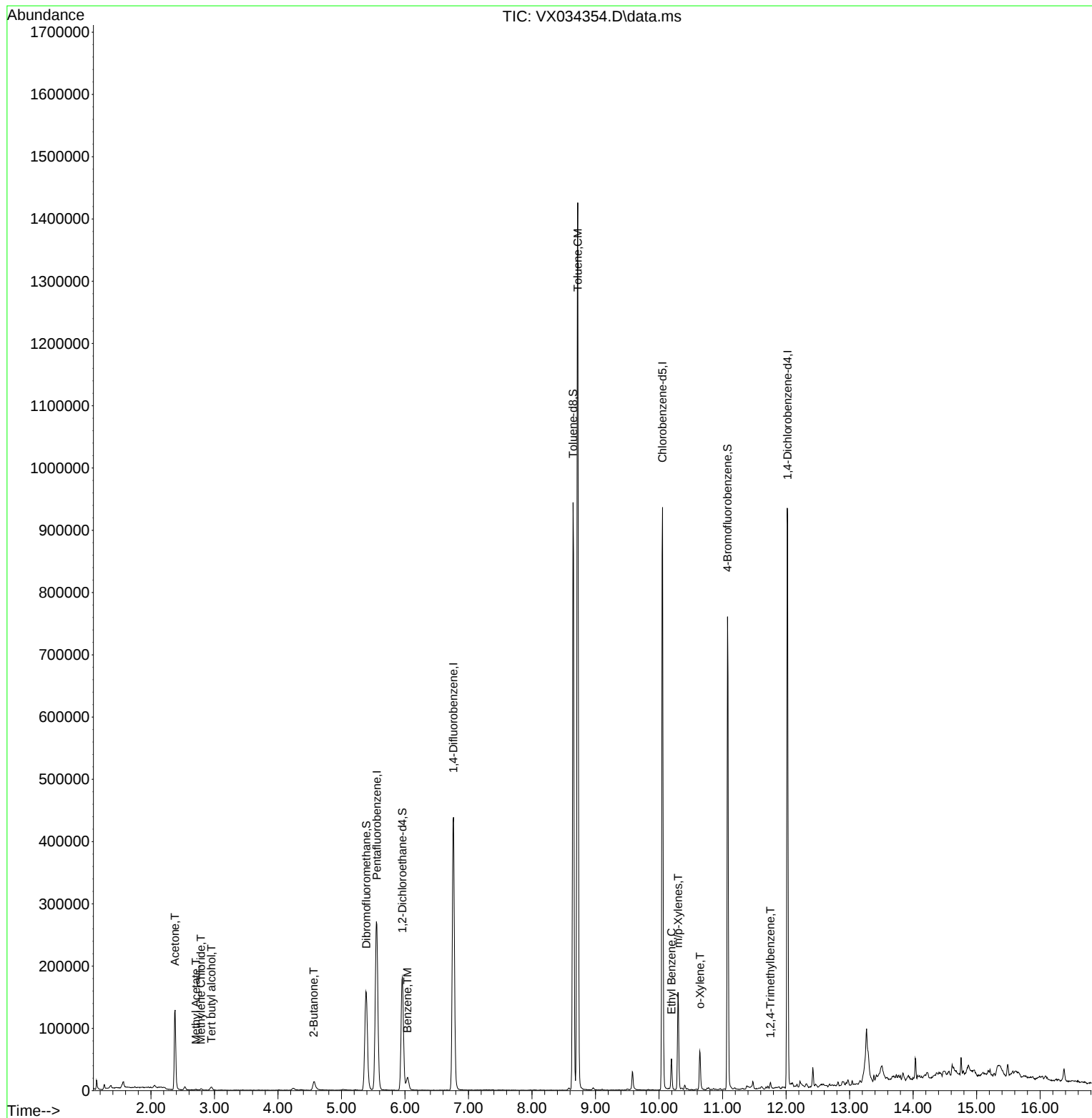
Internal Standards						
1) Pentafluorobenzene	5.556	168	269930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170057	46.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.560%
35) Dibromofluoromethane	5.391	113	141136	47.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.647	98	550148	51.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.460%
62) 4-Bromofluorobenzene	11.079	95	200882	49.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	4597	5.654	ug/l #	83
16) Acetone	2.380	43	137218	73.172	ug/l	95
18) Methyl Acetate	2.709	43	1664	0.287	ug/l	100
20) Methylene Chloride	2.788	84	1085	0.321	ug/l	87
25) 2-Butanone	4.562	43	22143	8.161	ug/l	98
40) Benzene	6.037	78	23829	1.836	ug/l	93
52) Toluene	8.720	92	529402	67.305	ug/l	98
67) Ethyl Benzene	10.195	91	28178	1.845	ug/l	99
68) m/p-Xylenes	10.299	106	36821	6.299	ug/l	95
69) o-Xylene	10.646	106	14030	2.411	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	4682	0.364	ug/l	96

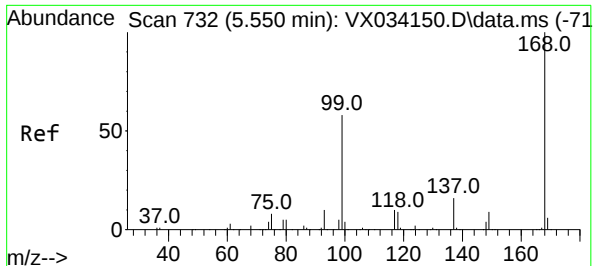
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 12:33:35 2023
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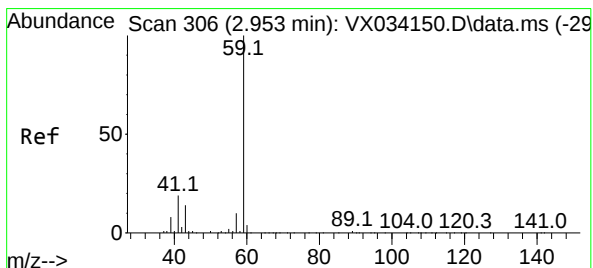
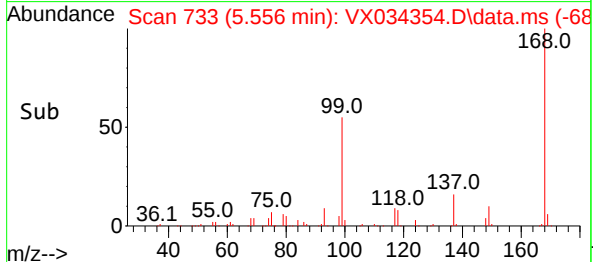
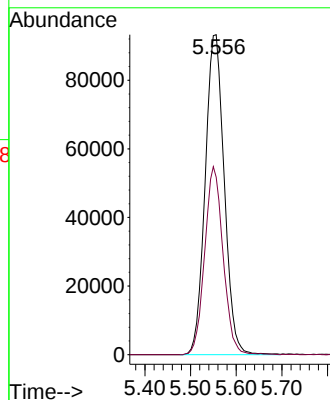
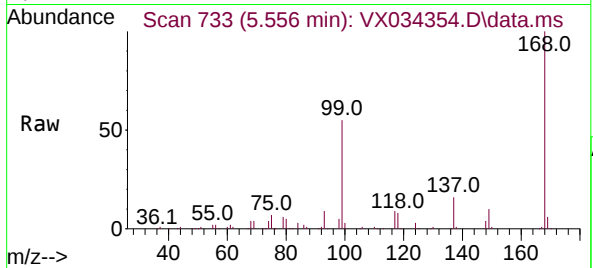




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

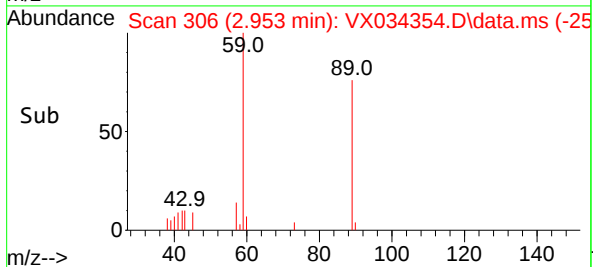
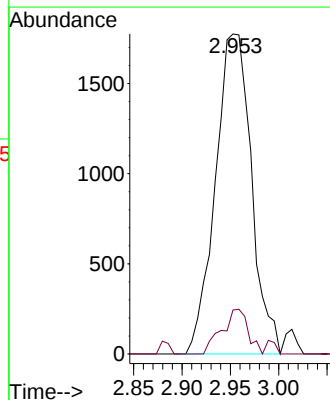
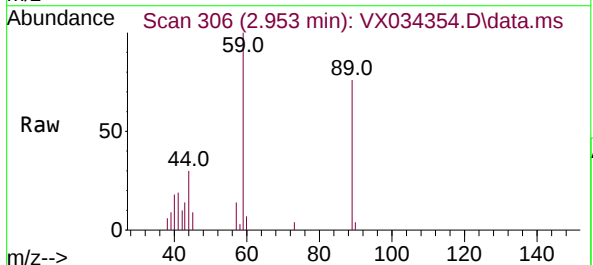
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC DL

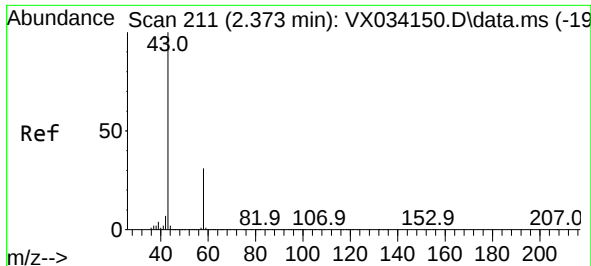
Tgt Ion:168 Resp: 269930
Ion Ratio Lower Upper
168 100
99 55.4 39.6 59.4



#11
Tert butyl alcohol
Concen: 5.654 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

Tgt Ion: 59 Resp: 4597
Ion Ratio Lower Upper
59 100
57 10.1 3.7 5.5#

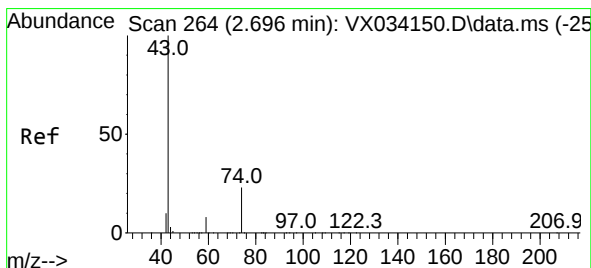
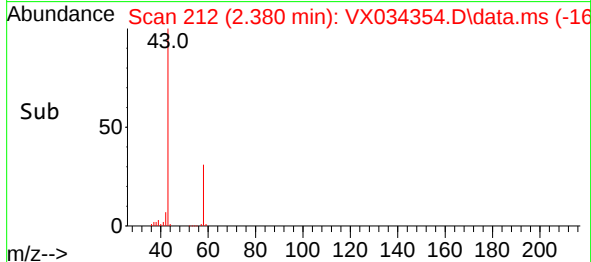
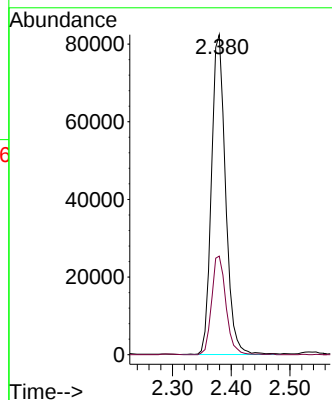
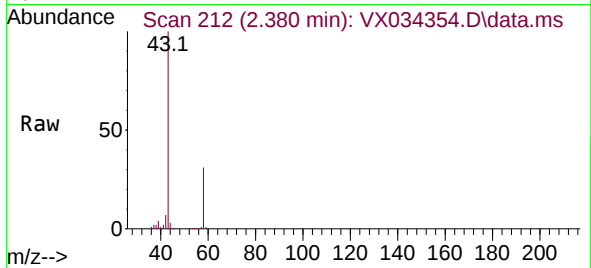




#16
Acetone
Concen: 73.172 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

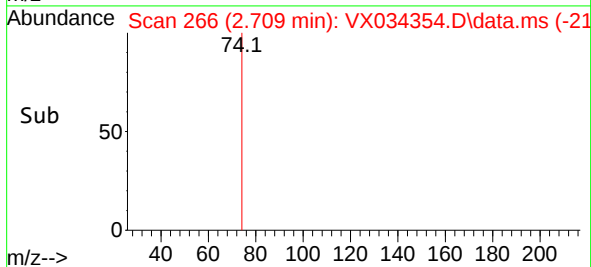
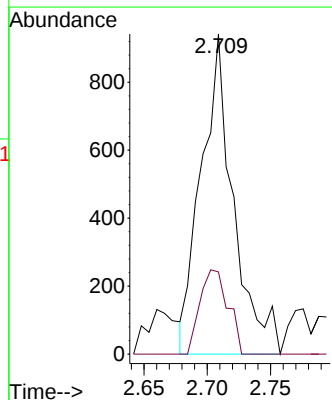
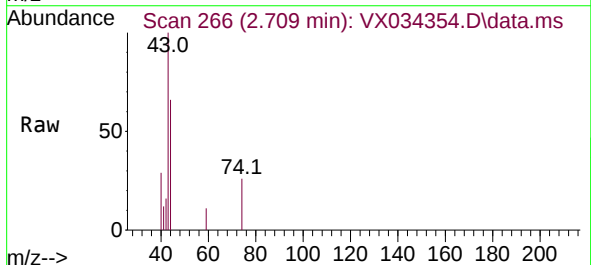
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC DL

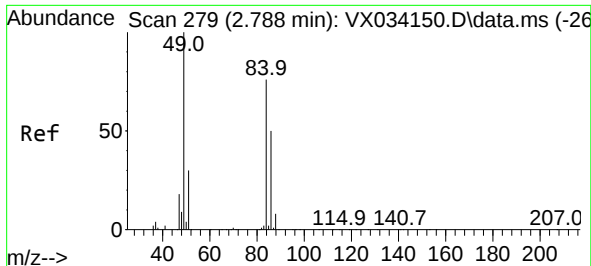
Tgt Ion: 43 Resp: 137218
Ion Ratio Lower Upper
43 100
58 30.8 22.6 33.8



#18
Methyl Acetate
Concen: 0.287 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4





#20

Methylene Chloride

Concen: 0.321 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034354.D

Acq: 06 Mar 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

COMP-VOCDL

Tgt Ion: 84 Resp: 1085

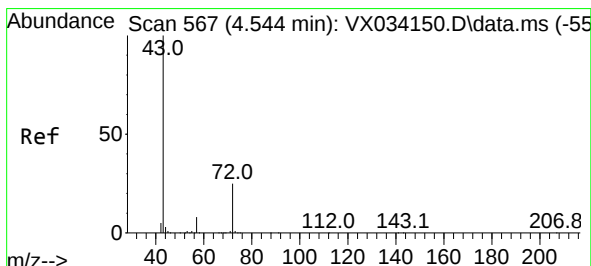
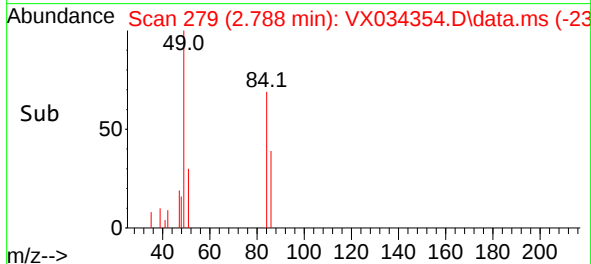
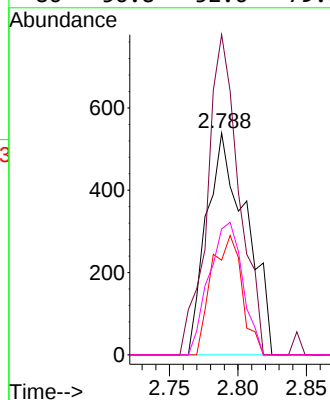
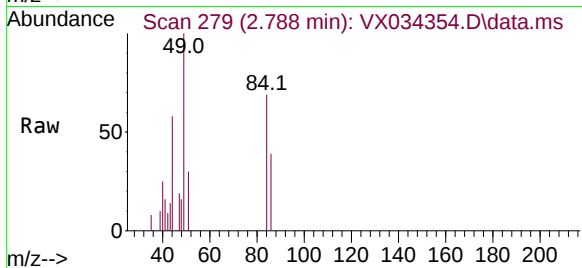
Ion Ratio Lower Upper

84 100

49 144.3 101.1 151.7

51 42.7 31.0 46.6

86 56.8 52.6 79.0



#25

2-Butanone

Concen: 8.161 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX034354.D

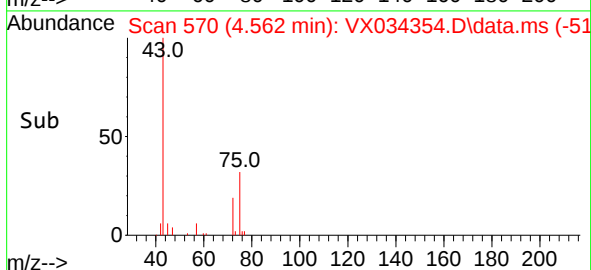
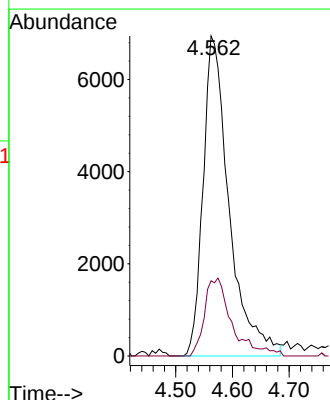
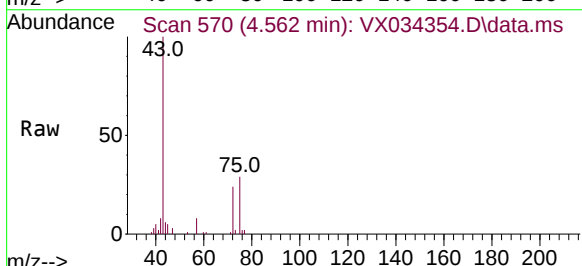
Acq: 06 Mar 2023 16:58

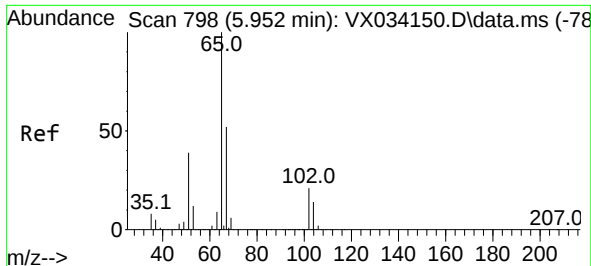
Tgt Ion: 43 Resp: 22143

Ion Ratio Lower Upper

43 100

72 23.5 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 46.779 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034354.D

Acq: 06 Mar 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

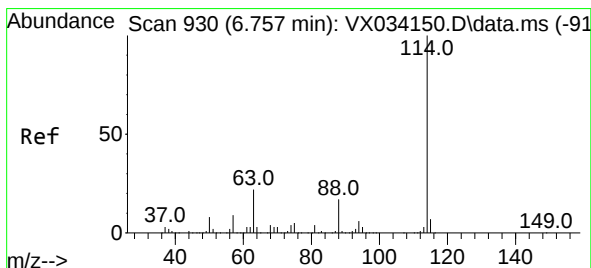
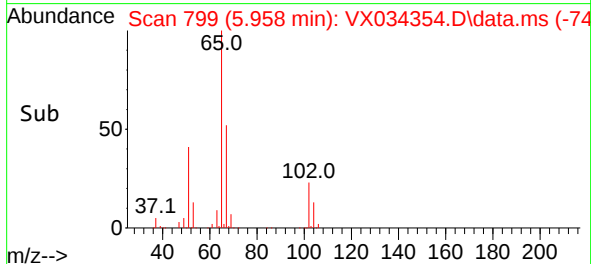
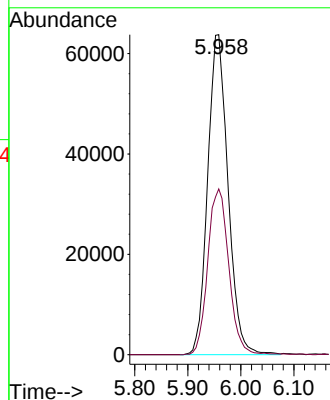
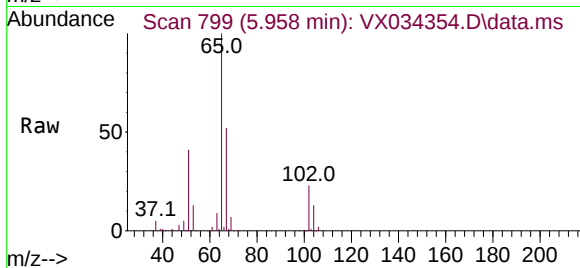
COMP-VOCDL

Tgt Ion: 65 Resp: 170057

Ion Ratio Lower Upper

65 100

67 53.7 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: VX034354.D

Acq: 06 Mar 2023 16:58

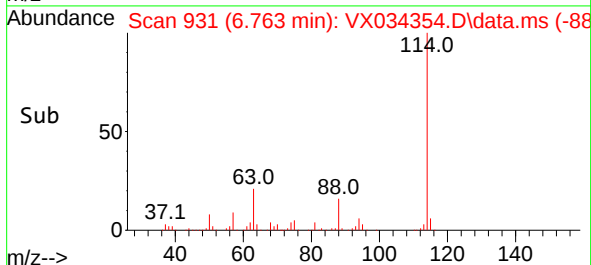
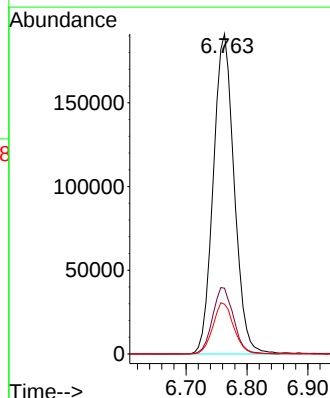
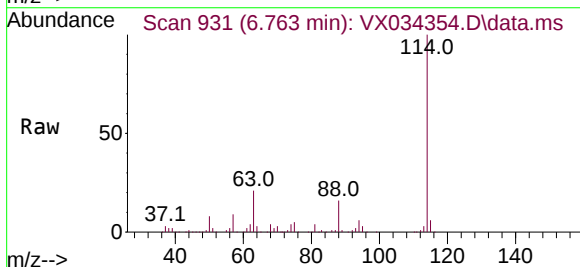
Tgt Ion: 114 Resp: 454917

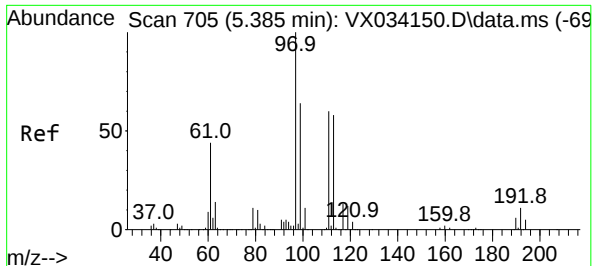
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.650 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034354.D

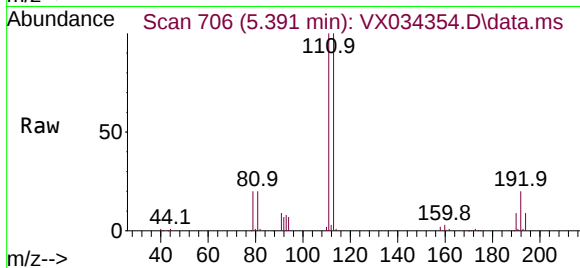
Acq: 06 Mar 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

COMP-VOC DL



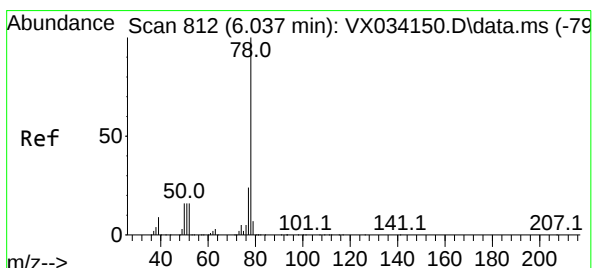
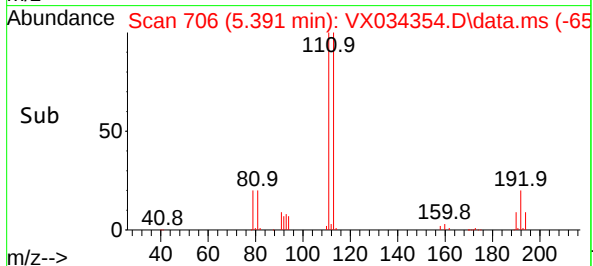
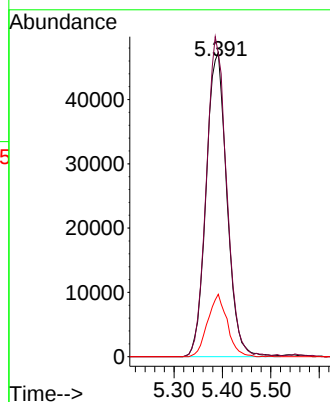
Tgt Ion:113 Resp: 141136

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

192 19.3 19.0 28.4



#40

Benzene

Concen: 1.836 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034354.D

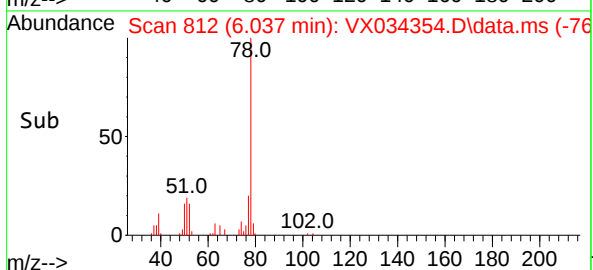
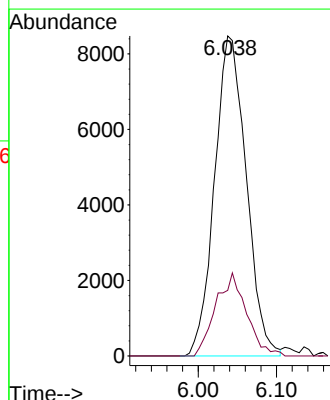
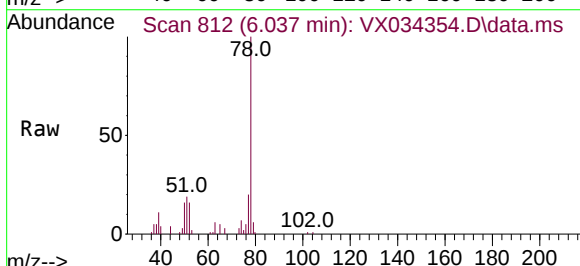
Acq: 06 Mar 2023 16:58

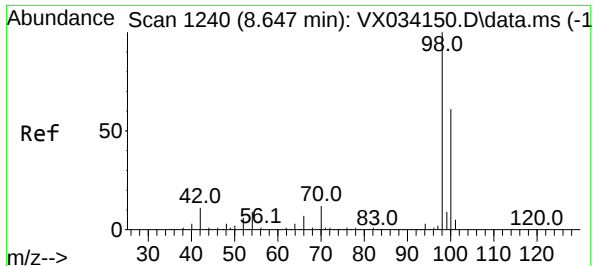
Tgt Ion: 78 Resp: 23829

Ion Ratio Lower Upper

78 100

77 20.5 19.0 28.4

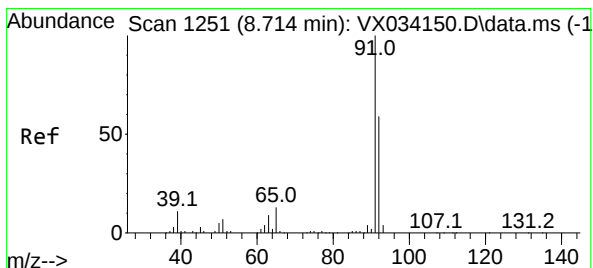
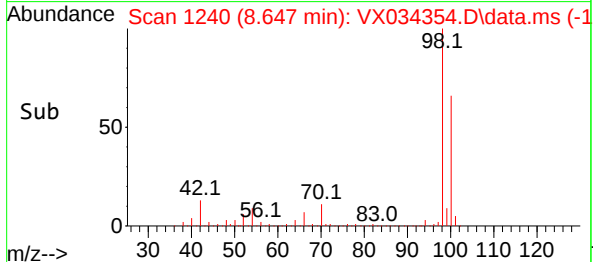
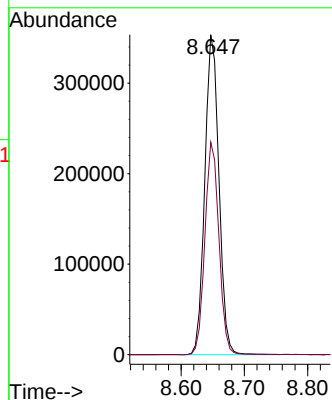
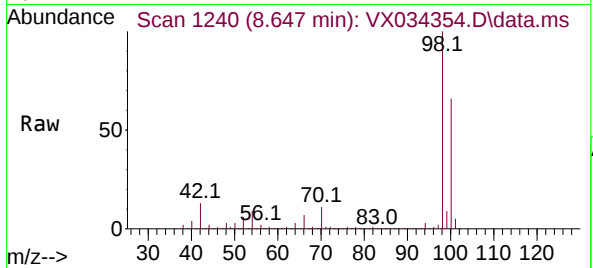




#50
Toluene-d8
Concen: 51.733 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

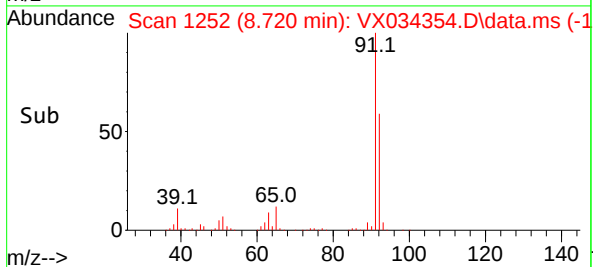
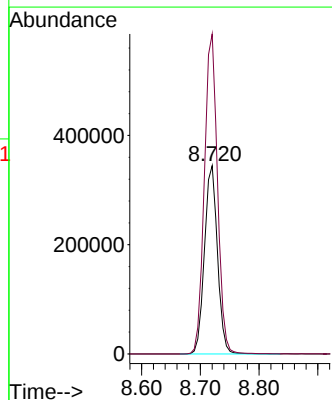
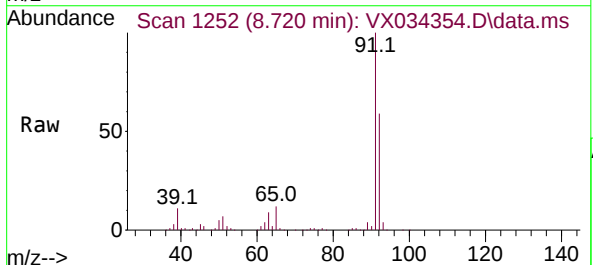
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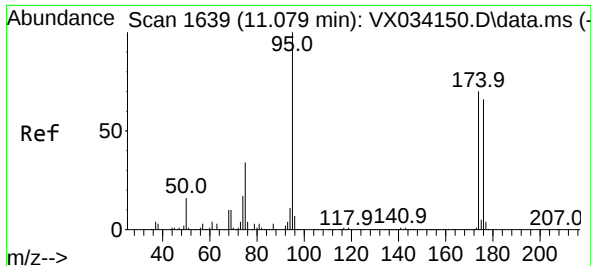
Tgt Ion: 98 Resp: 550148
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#52
Toluene
Concen: 67.305 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

Tgt Ion: 92 Resp: 529402
Ion Ratio Lower Upper
92 100
91 171.5 135.5 203.3

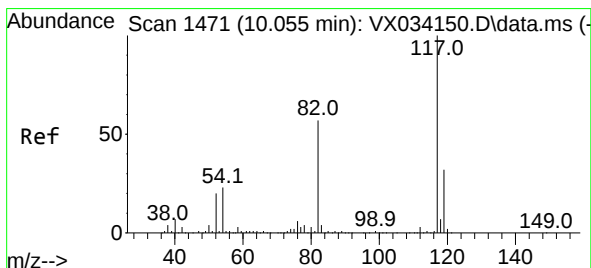
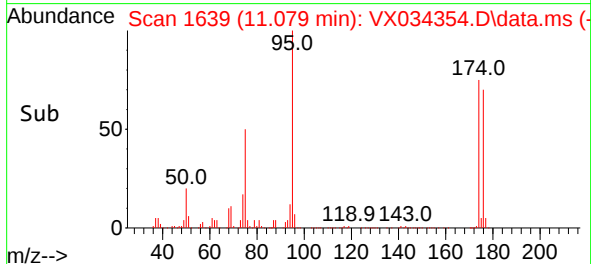
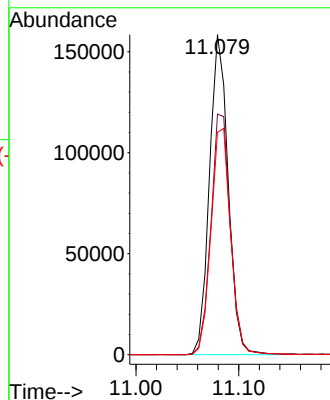
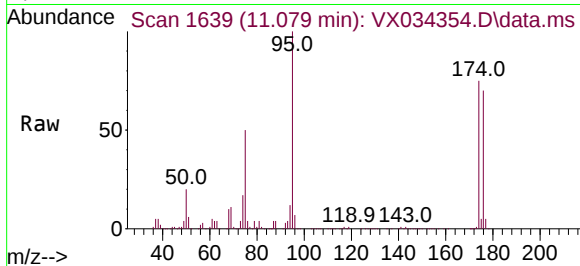




#62
4-Bromofluorobenzene
Concen: 49.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

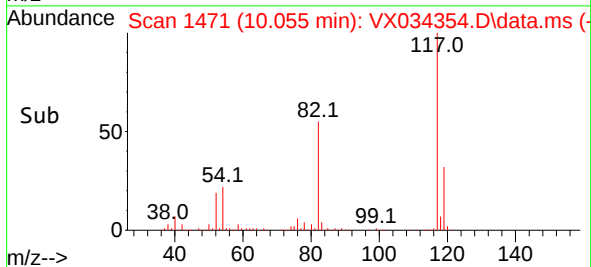
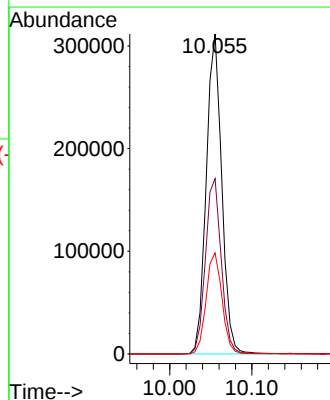
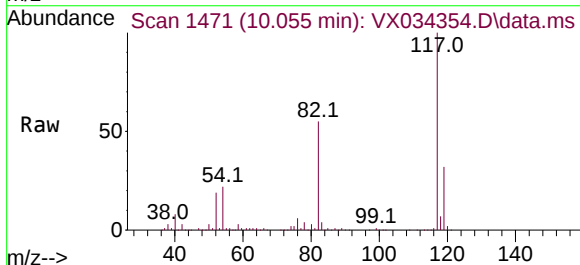
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC DL

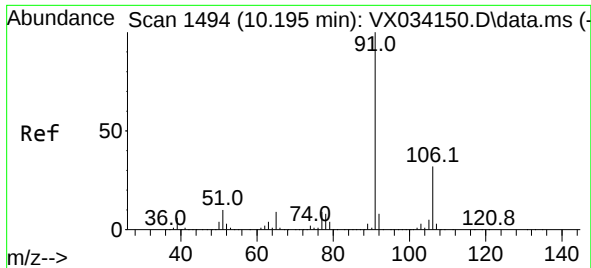
Tgt Ion: 95 Resp: 200882
Ion Ratio Lower Upper
95 100
174 78.5 0.0 184.4
176 74.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

Tgt Ion: 117 Resp: 407907
Ion Ratio Lower Upper
117 100
82 54.8 40.6 60.8
119 31.6 25.6 38.4

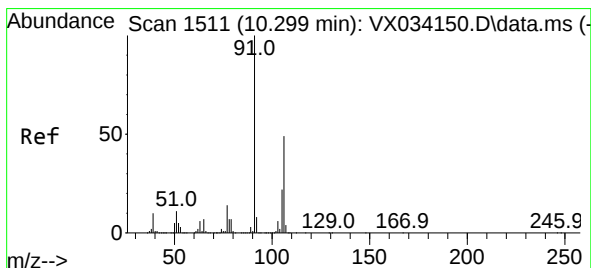
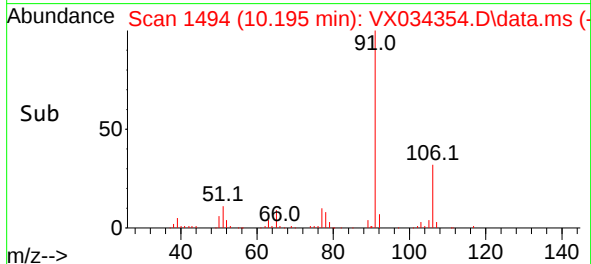
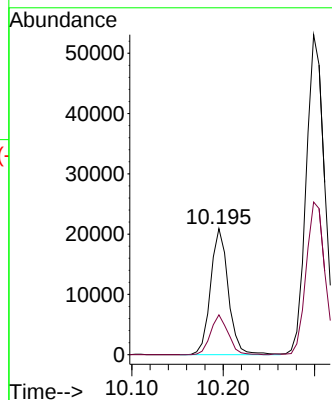
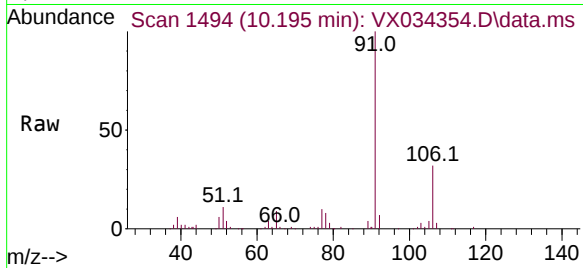




#67
Ethyl Benzene
Concen: 1.845 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

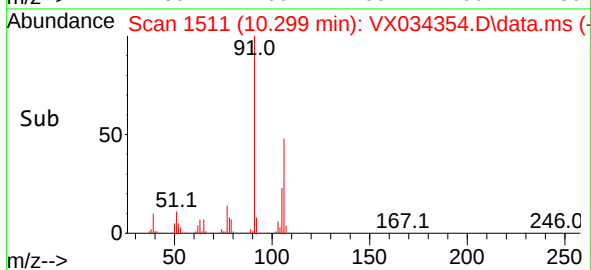
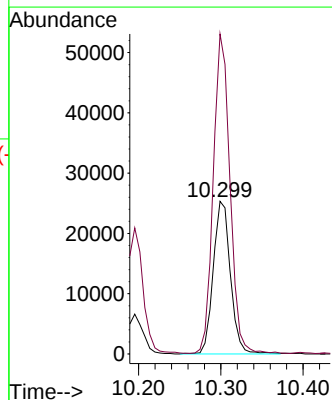
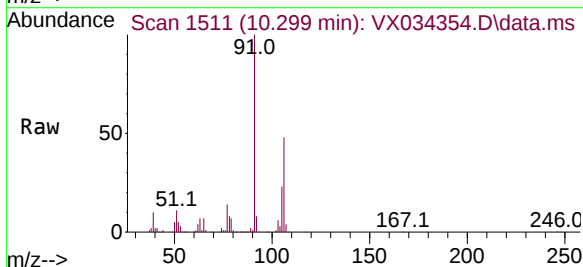
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC DL

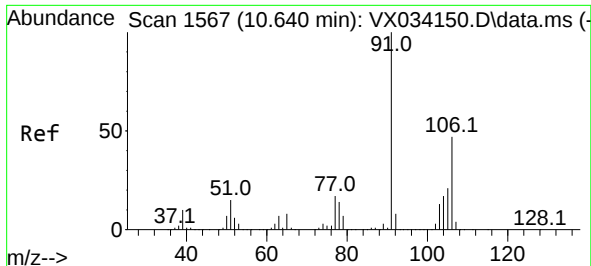
Tgt Ion: 91 Resp: 28178
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8



#68
m/p-Xylenes
Concen: 6.299 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

Tgt Ion: 106 Resp: 36821
Ion Ratio Lower Upper
106 100
91 203.3 156.4 234.6

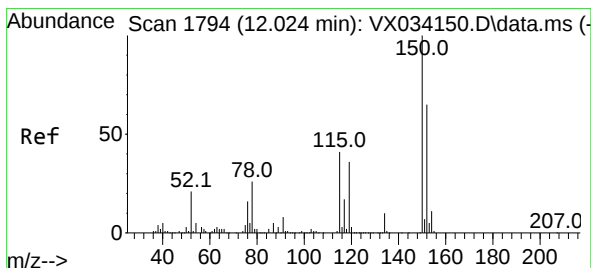
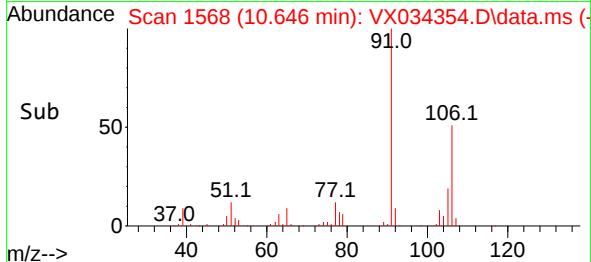
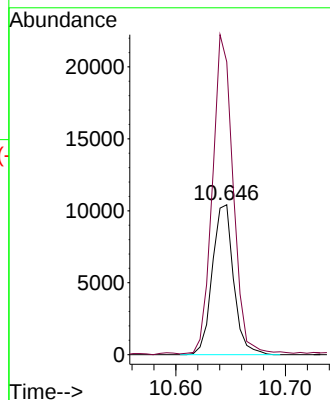
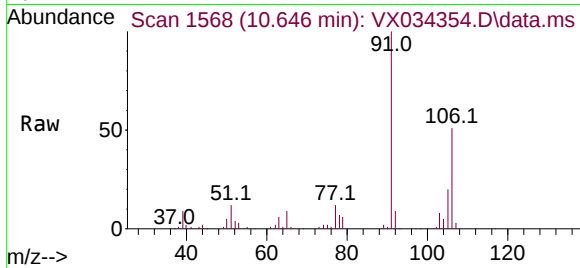




#69
o-Xylene
Concen: 2.411 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

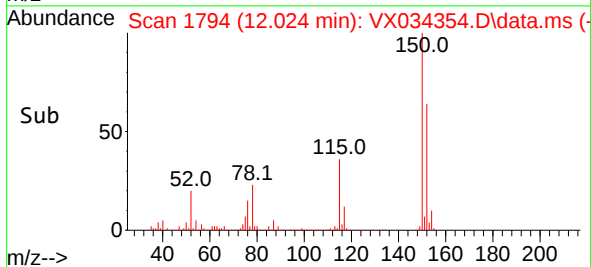
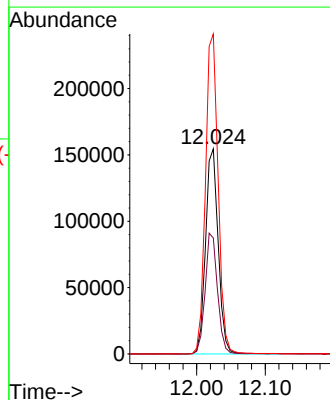
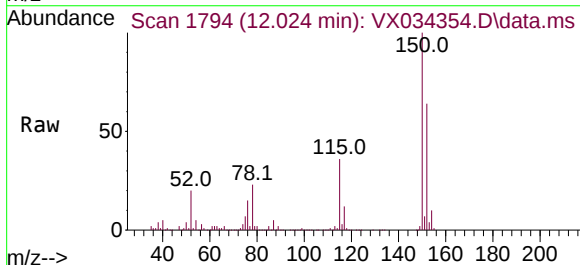
Instrument :
MSVOA_X
ClientSampleId :
COMP-VOC DL

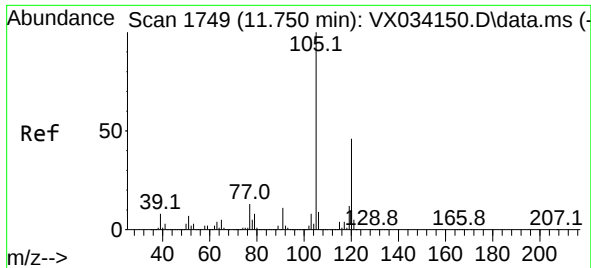
Tgt Ion:106 Resp: 14030
Ion Ratio Lower Upper
106 100
91 206.6 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034354.D
Acq: 06 Mar 2023 16:58

Tgt Ion:152 Resp: 198282
Ion Ratio Lower Upper
152 100
115 57.9 38.7 116.1
150 156.5 0.0 348.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.364 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX034354.D
 Acq: 06 Mar 2023 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-VOCDL

Tgt Ion:105 Resp: 4682
 Ion Ratio Lower Upper
 105 100
 120 44.3 23.4 70.2

