

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027757.D
 Acq On : 28 Mar 2022 18:05
 Operator : JC/MD
 Sample : N2123-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20220344-MODIFIED-ELUTRIATE

Quant Time: Mar 29 05:40:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

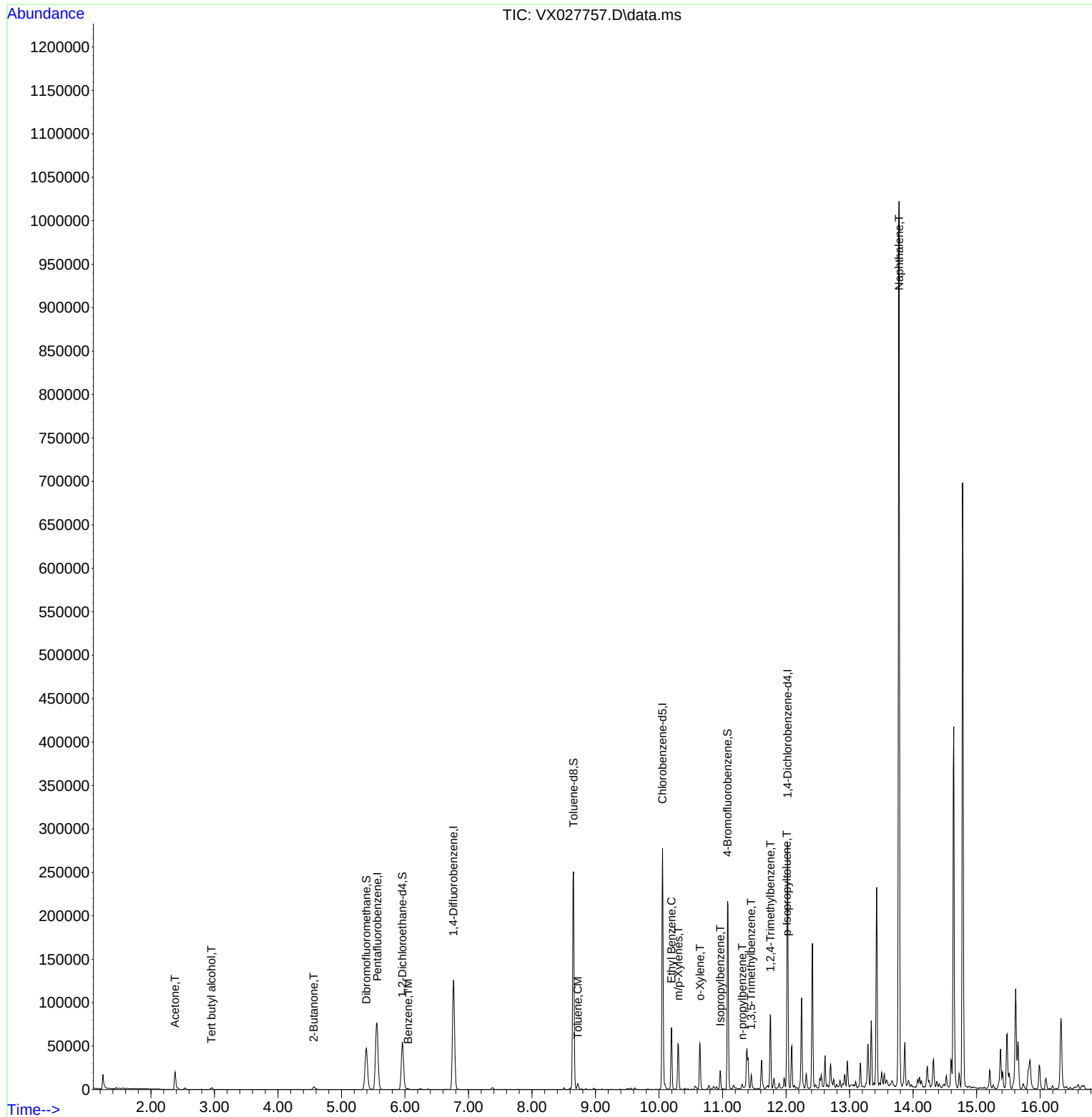
Internal Standards						
1) Pentafluorobenzene	5.562	168	68963	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	120007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51972	45.949	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.900%
35) Dibromofluoromethane	5.391	113	40670	51.607	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.220%
50) Toluene-d8	8.653	98	148575	48.770	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.079	95	62234	50.345	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.700%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	2071	9.834	ug/l	# 85
16) Acetone	2.380	43	21172	44.260	ug/l	95
25) 2-Butanone	4.562	43	5677	7.390	ug/l	# 89
40) Benzene	6.050	78	1210	0.352	ug/l	95
52) Toluene	8.720	92	2870	1.335	ug/l	96
67) Ethyl Benzene	10.195	91	38679	8.749	ug/l	93
68) m/p-Xylenes	10.305	106	11585	7.230	ug/l	88
69) o-Xylene	10.646	106	10601	6.583	ug/l	84
73) Isopropylbenzene	10.963	105	10309	2.532	ug/l	97
78) n-propylbenzene	11.311	91	3232	0.669	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6644	1.899	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	37172	10.466	ug/l	97
86) p-Isopropyltoluene	12.012	119	7142	2.155	ug/l	91
95) Naphthalene	13.780	128	593227	168.059	ug/l	99

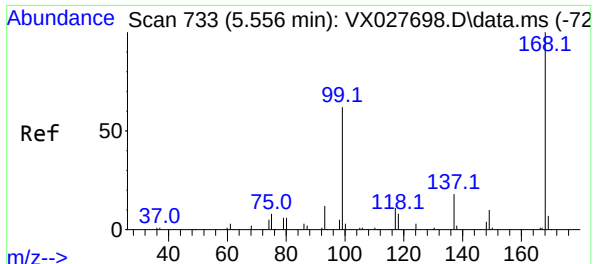
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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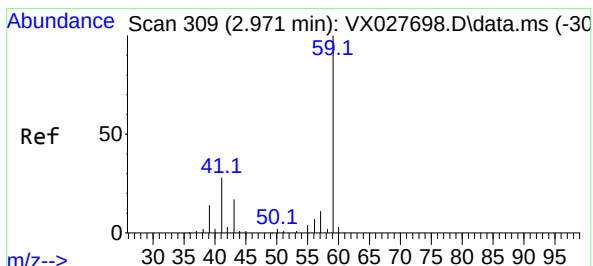
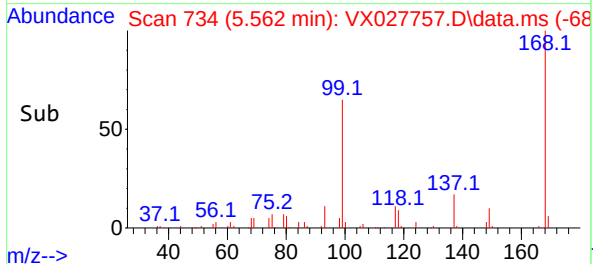
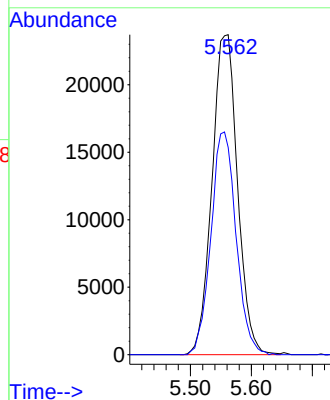
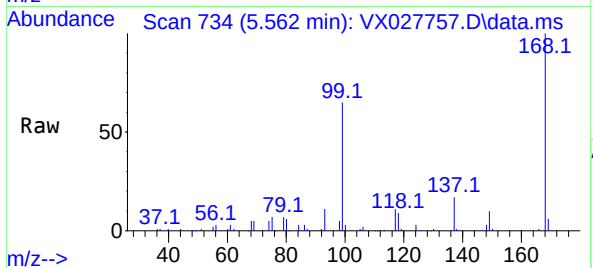




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

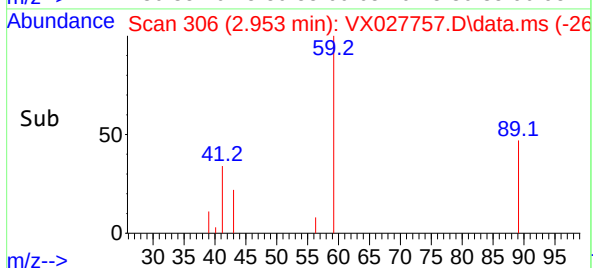
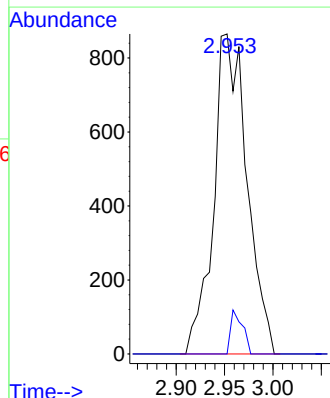
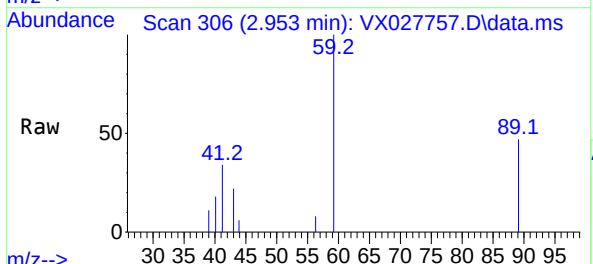
Instrument :
MSVOA_X
ClientSampleId :
20220344-MODIFIED-ELUTRIATE

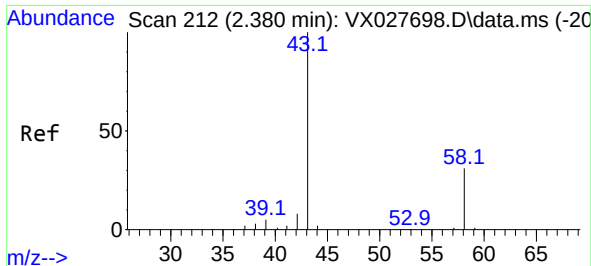
Tgt Ion:168 Resp: 68963
Ion Ratio Lower Upper
168 100
99 64.7 41.7 62.5#



#11
Tert butyl alcohol
Concen: 9.834 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion: 59 Resp: 2071
Ion Ratio Lower Upper
59 100
57 4.9 8.3 12.5#

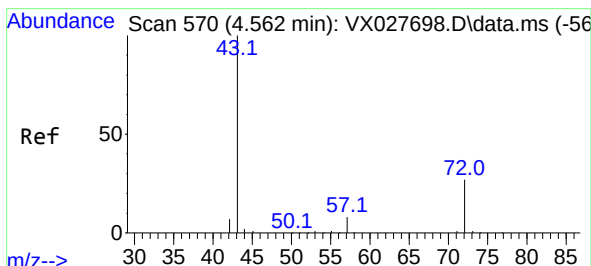
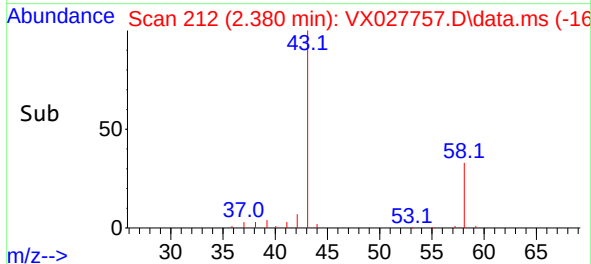
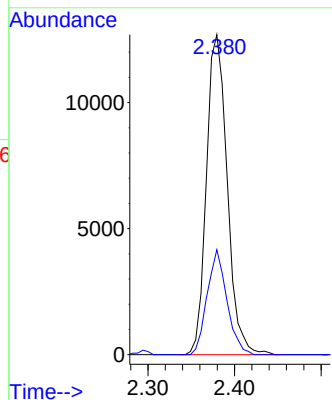
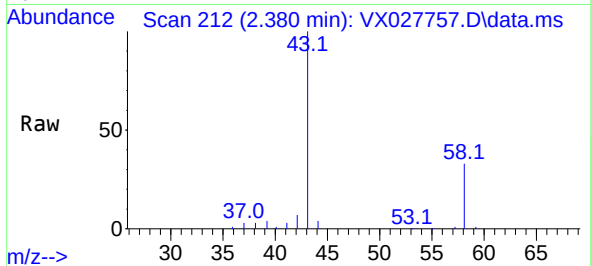




#16
Acetone
Concen: 44.260 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

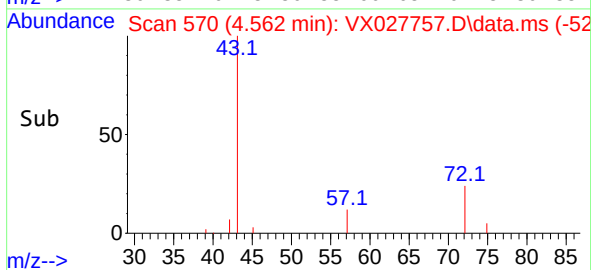
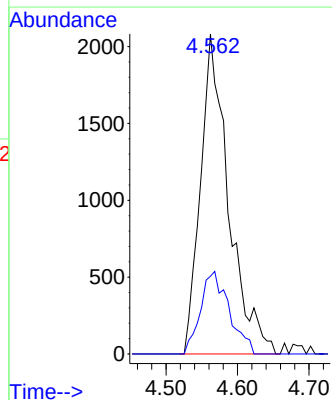
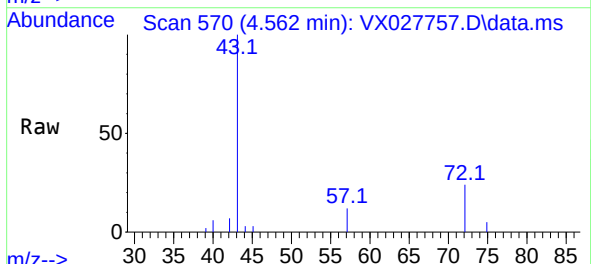
Instrument :
MSVOA_X
ClientSampleId :
20220344-MODIFIED-ELUTRIATE

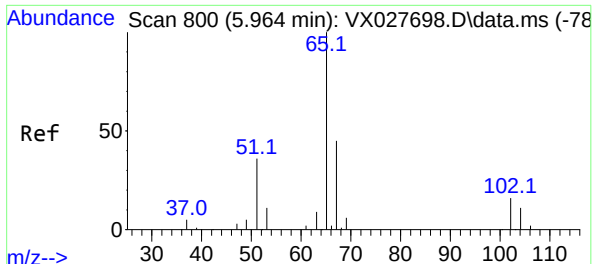
Tgt Ion: 43 Resp: 21172
Ion Ratio Lower Upper
43 100
58 32.8 28.8 43.2



#25
2-Butanone
Concen: 7.390 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion: 43 Resp: 5677
Ion Ratio Lower Upper
43 100
72 24.3 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 45.949 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027757.D

Acq: 28 Mar 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

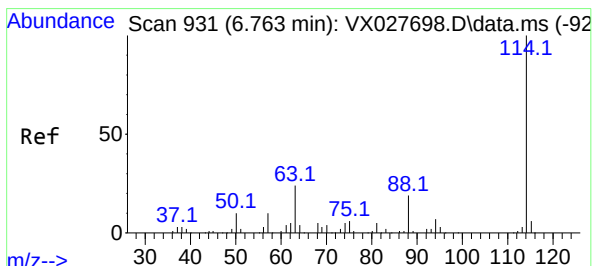
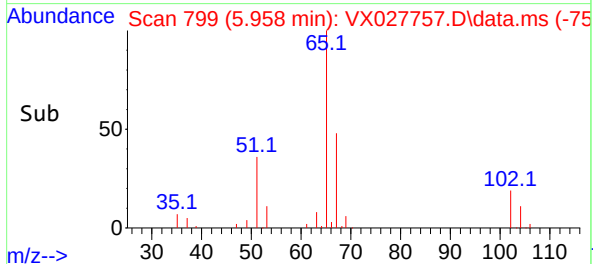
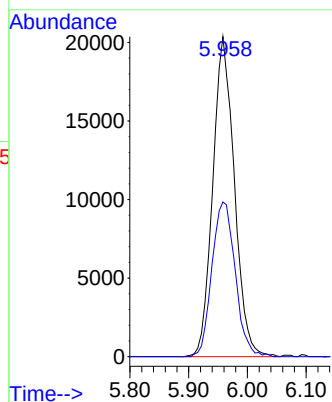
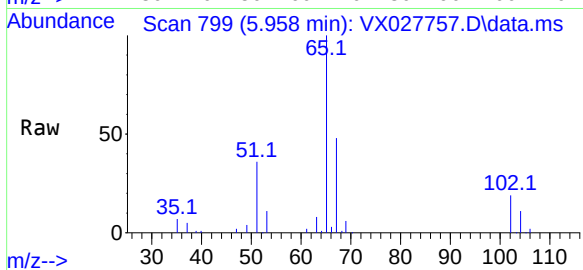
20220344-MODIFIED-ELUTRIATE

Tgt Ion: 65 Resp: 51972

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027757.D

Acq: 28 Mar 2022 18:05

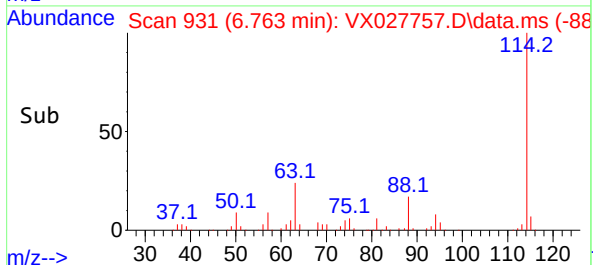
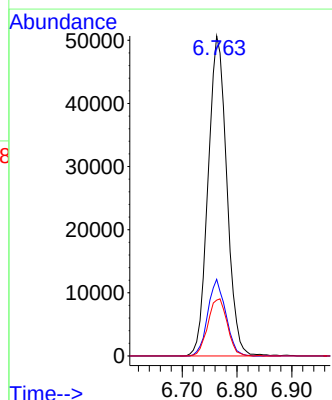
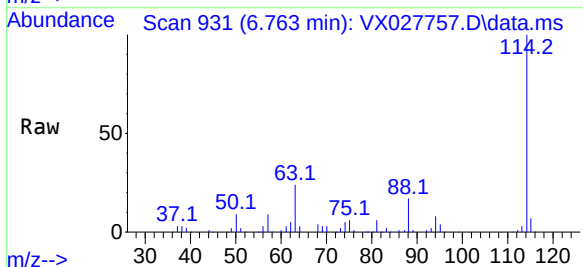
Tgt Ion: 114 Resp: 120007

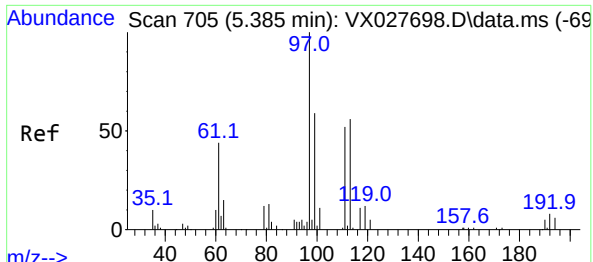
Ion Ratio Lower Upper

114 100

63 24.0 0.0 36.8

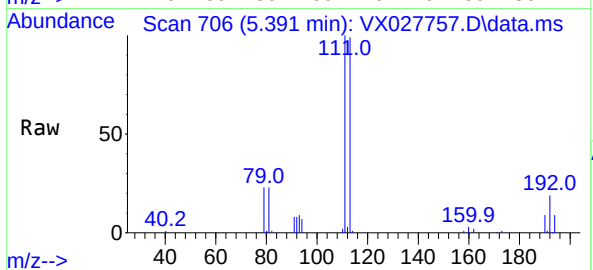
88 17.4 0.0 32.4



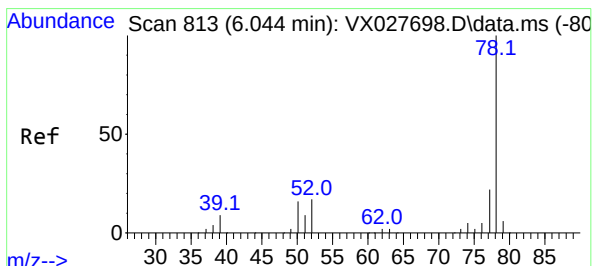
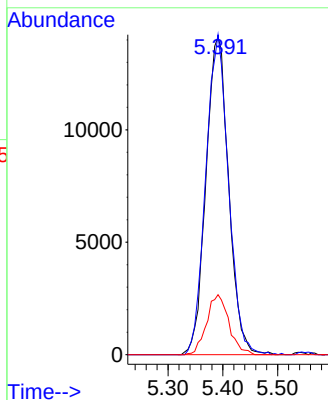
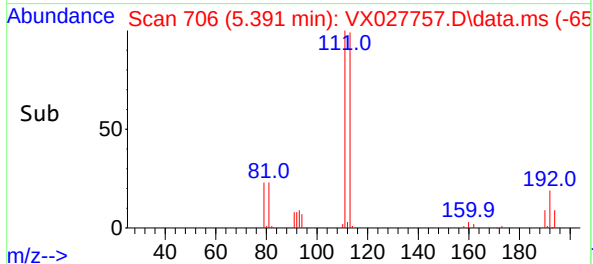


#35
Dibromofluoromethane
Concen: 51.607 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :
20220344-MODIFIED-ELUTRIATE

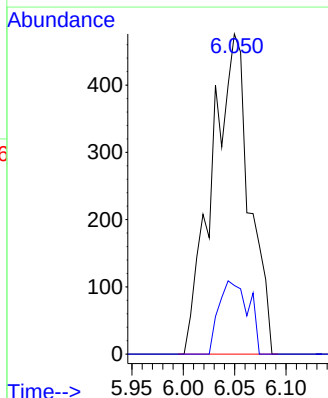
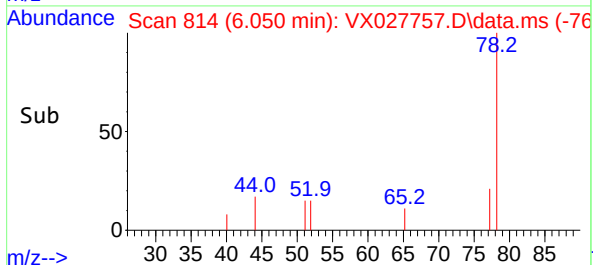
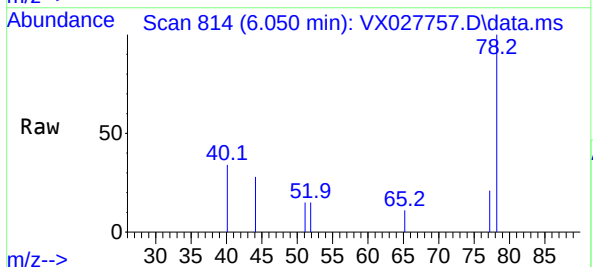


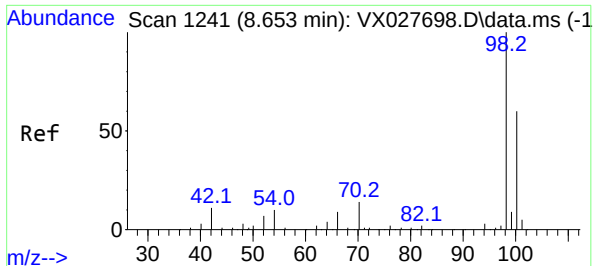
Tgt Ion:113 Resp: 40670
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 18.5 16.9 25.3



#40
Benzene
Concen: 0.352 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion: 78 Resp: 1210
Ion Ratio Lower Upper
78 100
77 21.4 19.3 28.9

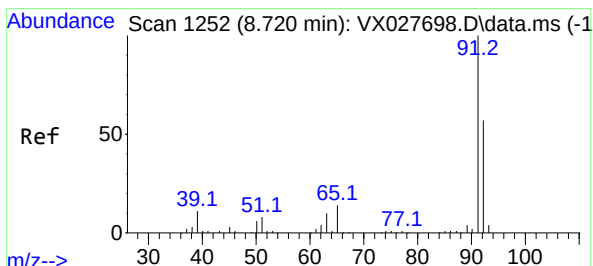
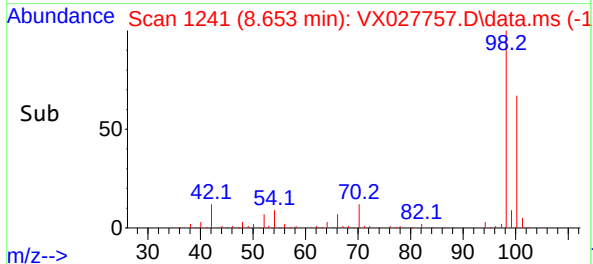
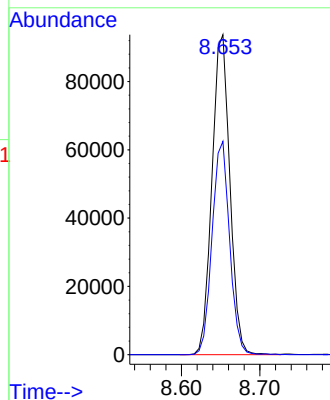
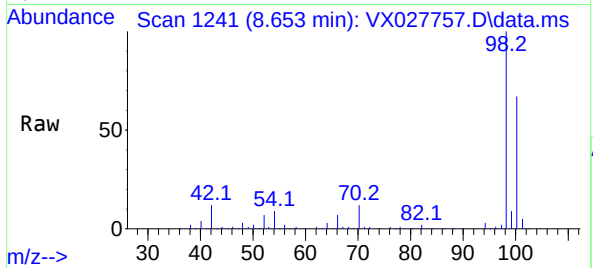




#50
Toluene-d8
Concen: 48.770 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

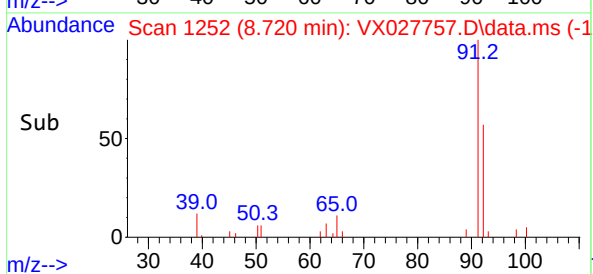
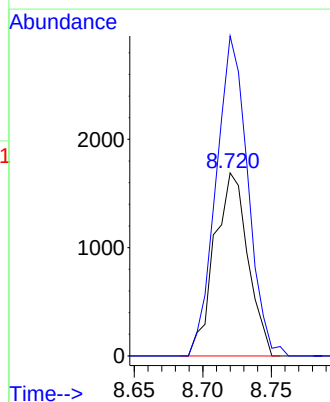
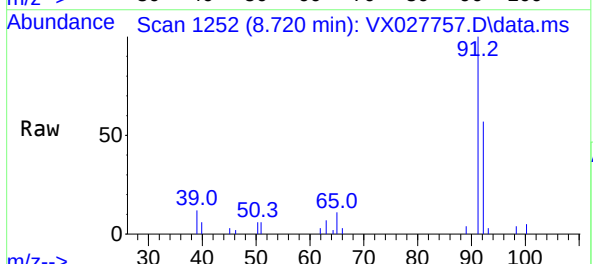
Instrument :
MSVOA_X
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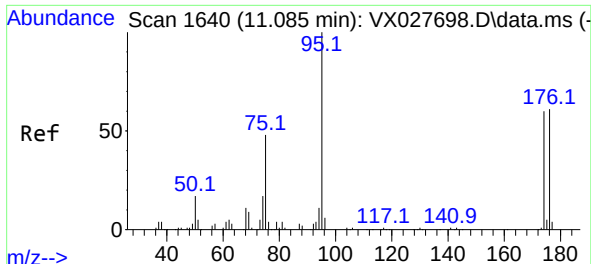
Tgt Ion: 98 Resp: 148575
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#52
Toluene
Concen: 1.335 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion: 92 Resp: 2870
Ion Ratio Lower Upper
92 100
91 166.0 137.5 206.3

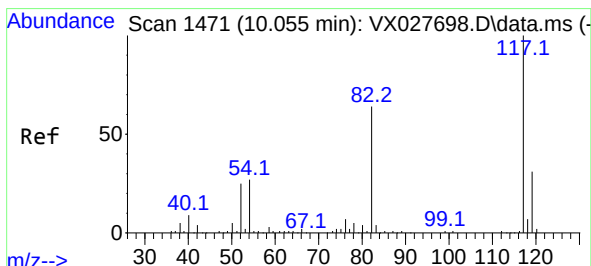
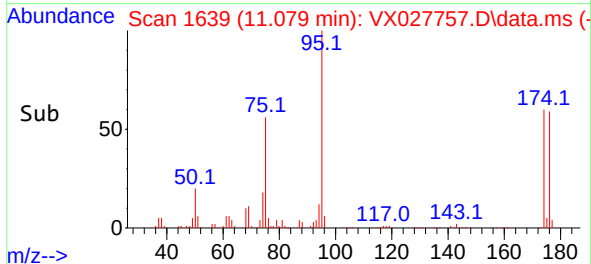
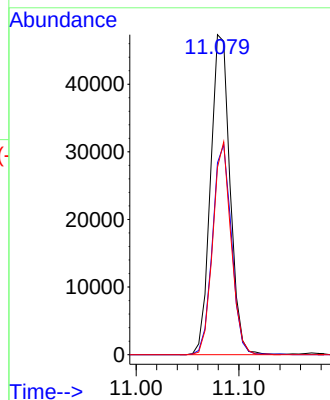
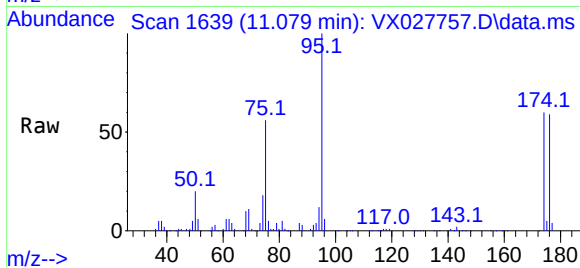




#62
4-Bromofluorobenzene
Concen: 50.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

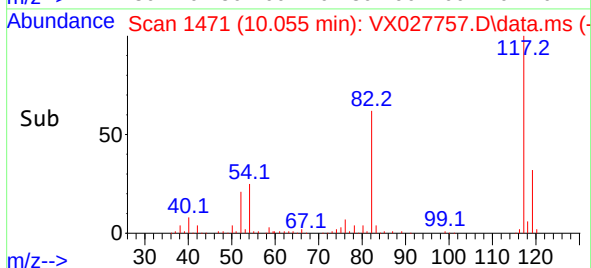
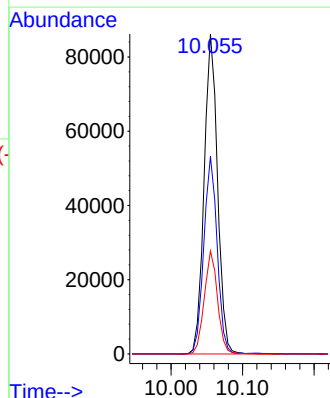
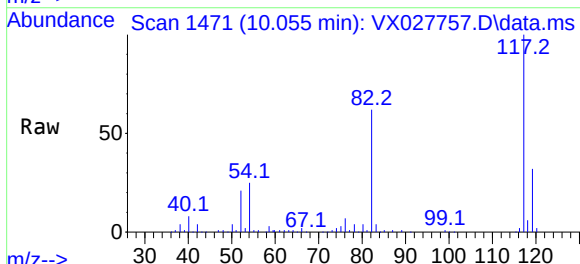
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MSVOA_X
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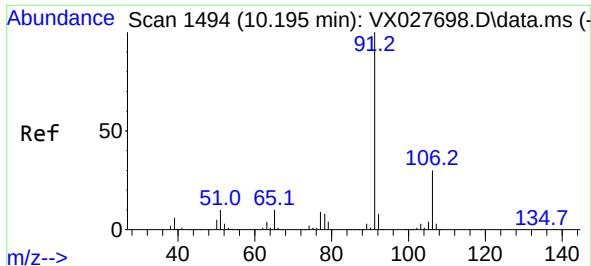
Tgt Ion: 95 Resp: 62234
Ion Ratio Lower Upper
95 100
174 64.2 0.0 163.0
176 62.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion: 117 Resp: 112664
Ion Ratio Lower Upper
117 100
82 61.7 41.8 62.8
119 32.2 24.8 37.2





#67

Ethyl Benzene

Concen: 8.749 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027757.D

Acq: 28 Mar 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

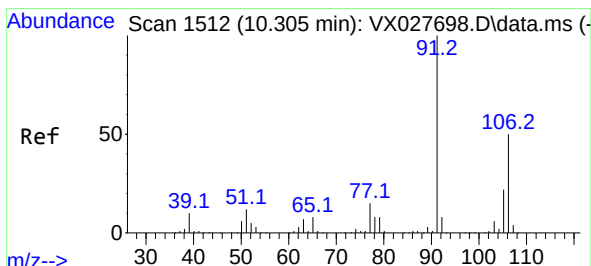
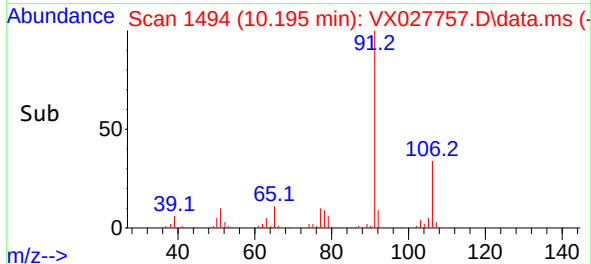
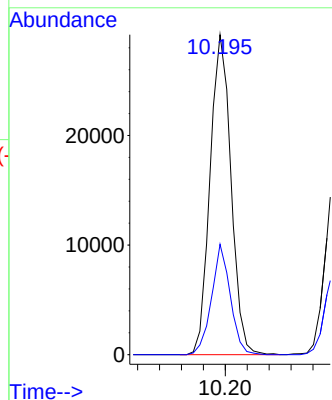
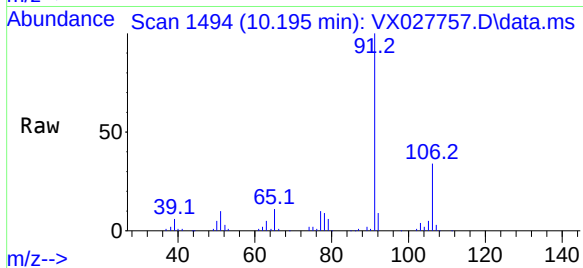
20220344-MODIFIED-ELUTRIATE

Tgt Ion: 91 Resp: 38679

Ion Ratio Lower Upper

91 100

106 34.5 24.6 36.8



#68

m/p-Xylenes

Concen: 7.230 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX027757.D

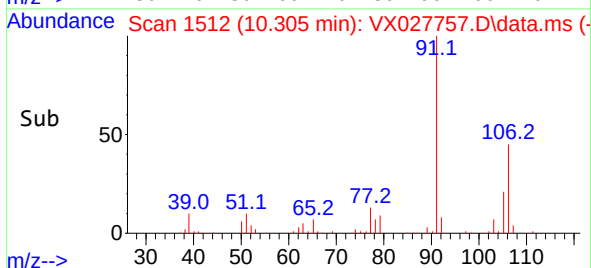
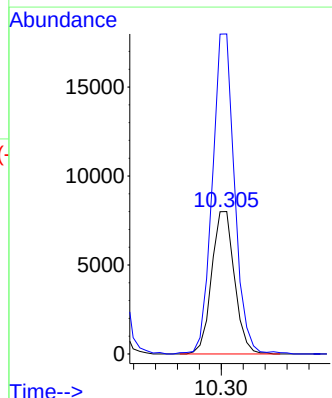
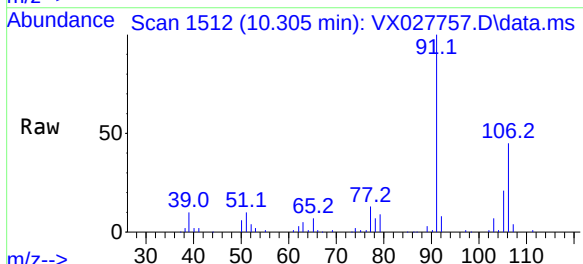
Acq: 28 Mar 2022 18:05

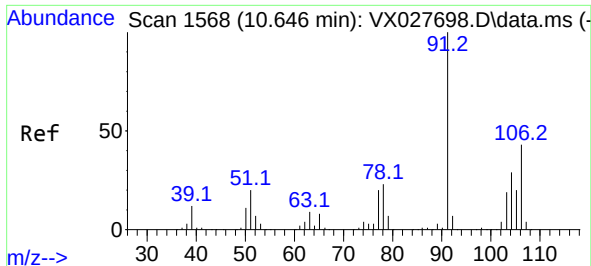
Tgt Ion: 106 Resp: 11585

Ion Ratio Lower Upper

106 100

91 218.8 160.4 240.6

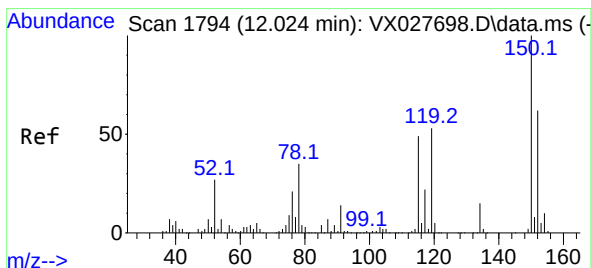
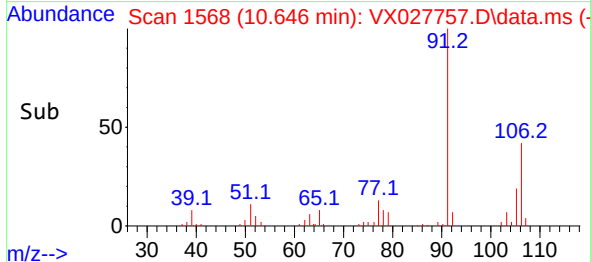
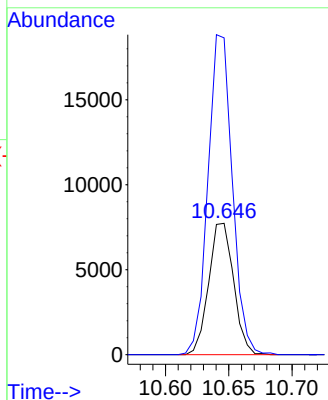
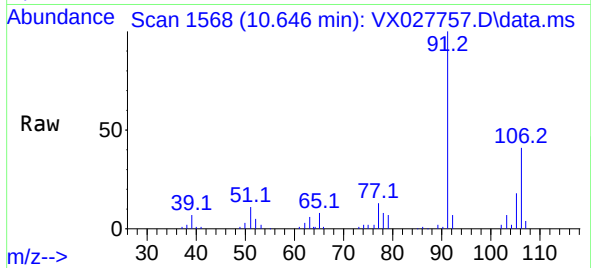




#69
o-Xylene
Concen: 6.583 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

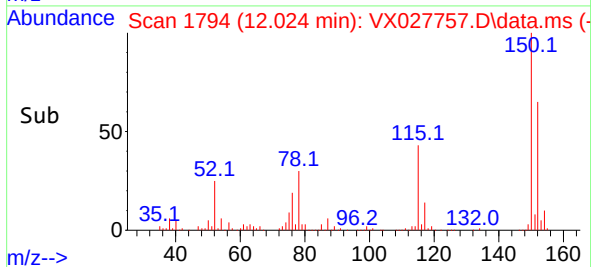
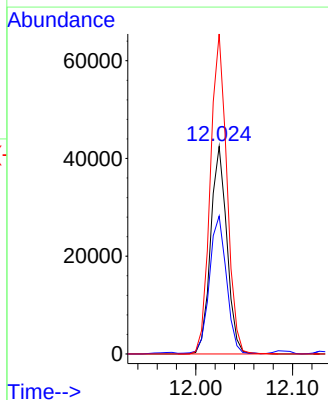
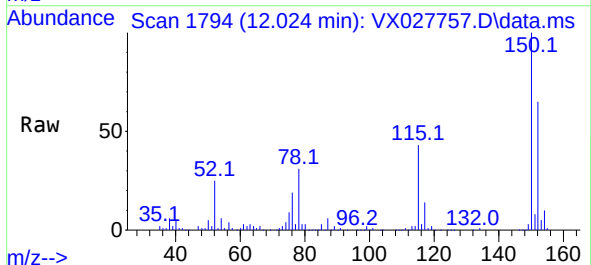
Instrument :
MSVOA_X
ClientSampleId :
20220344-MODIFIED-ELUTRIATE

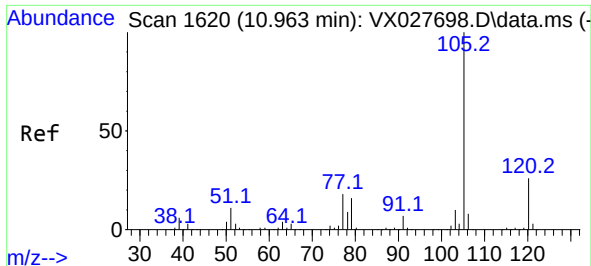
Tgt Ion:106 Resp: 10601
Ion Ratio Lower Upper
106 100
91 238.0 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion:152 Resp: 49567
Ion Ratio Lower Upper
152 100
115 69.5 37.5 112.7
150 156.7 0.0 338.2

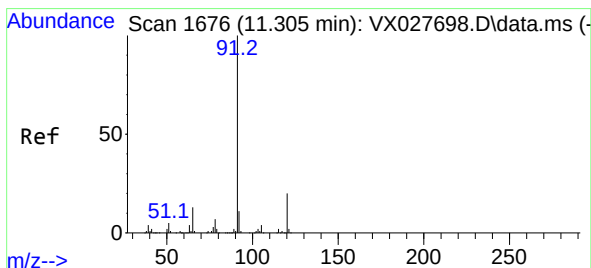
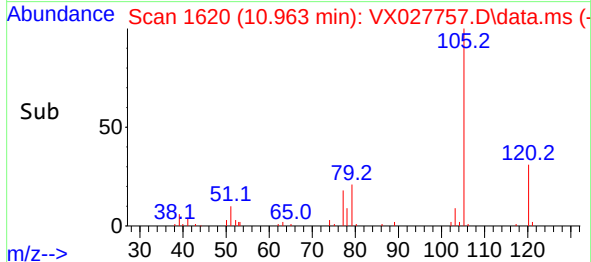
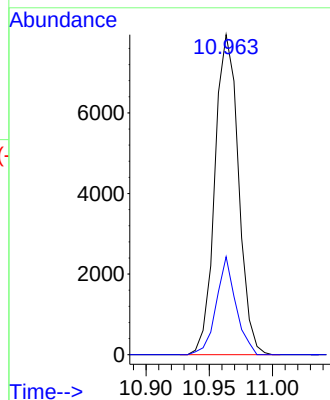
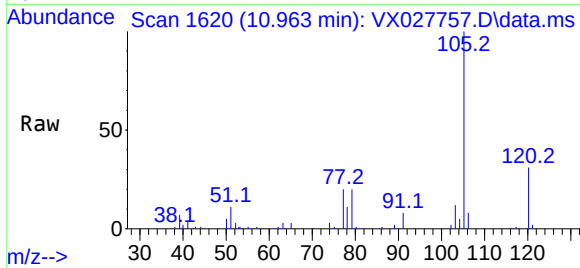




#73
Isopropylbenzene
Concen: 2.532 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

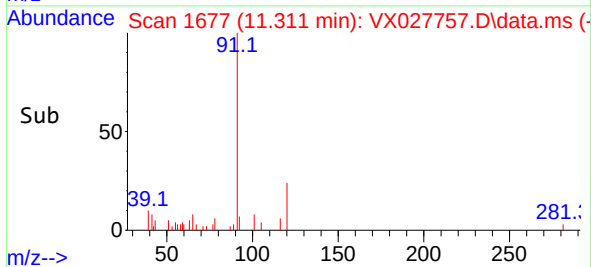
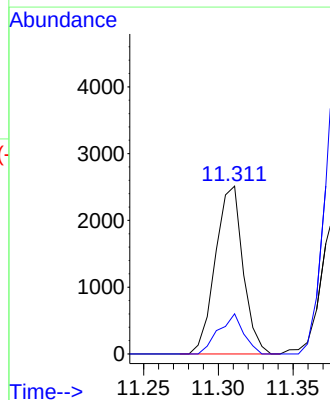
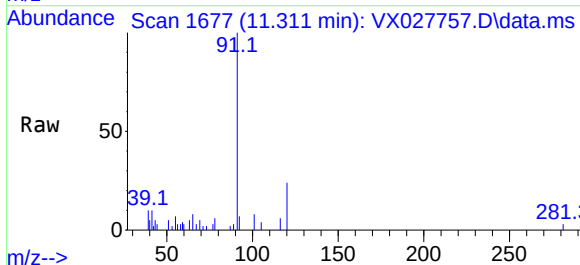
Instrument :
MSVOA_X
ClientSampleId :
20220344-MODIFIED-ELUTRIATE

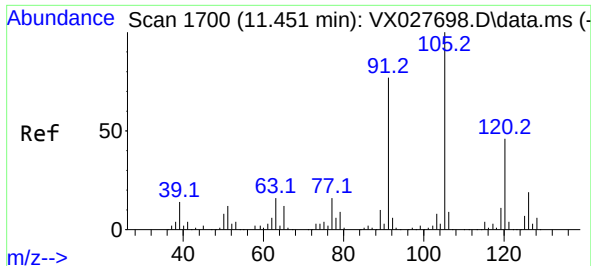
Tgt Ion:105 Resp: 10309
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.5



#78
n-propylbenzene
Concen: 0.669 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion: 91 Resp: 3232
Ion Ratio Lower Upper
91 100
120 21.5 11.6 34.8

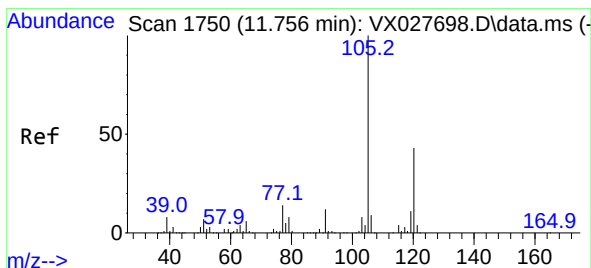
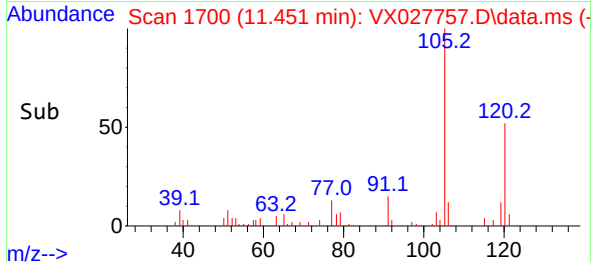
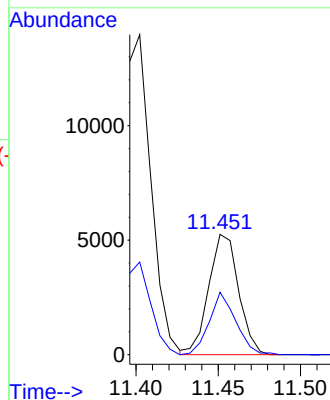
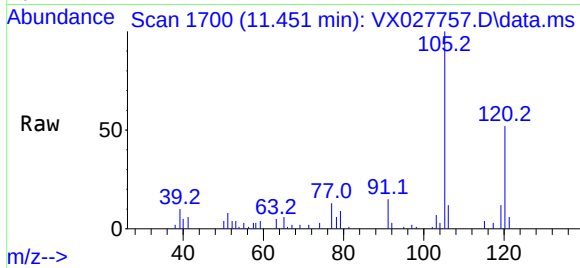




#80
1,3,5-Trimethylbenzene
Concen: 1.899 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

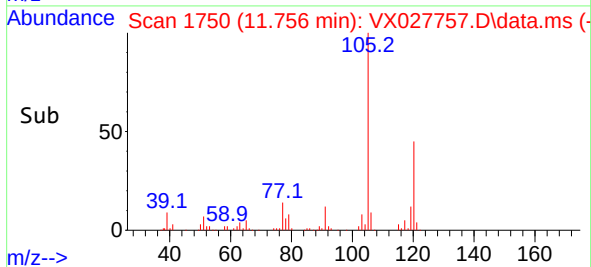
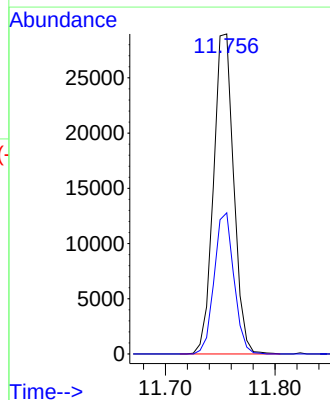
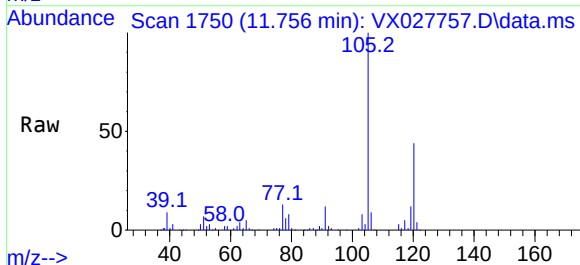
Instrument :
MSVOA_X
ClientSampleId :
20220344-MODIFIED-ELUTRIATE

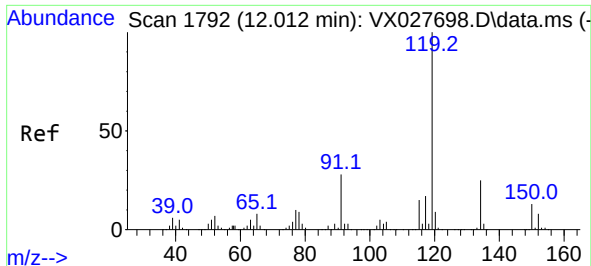
Tgt Ion:105 Resp: 6644
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 10.466 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion:105 Resp: 37172
Ion Ratio Lower Upper
105 100
120 43.0 22.6 67.8

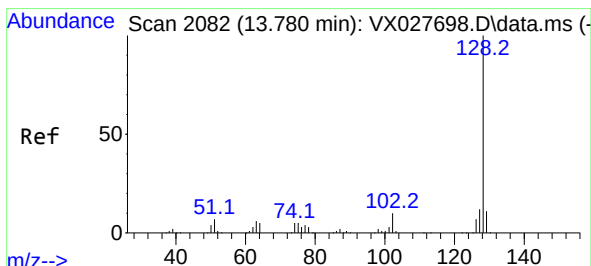
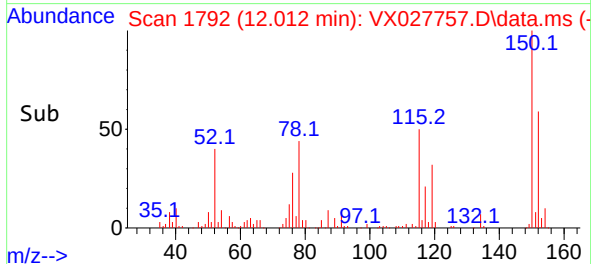
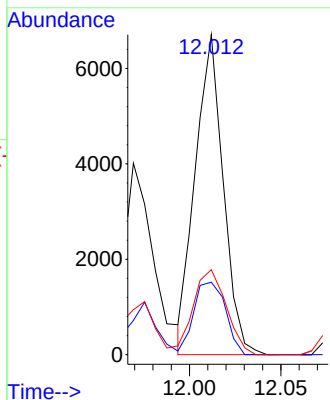
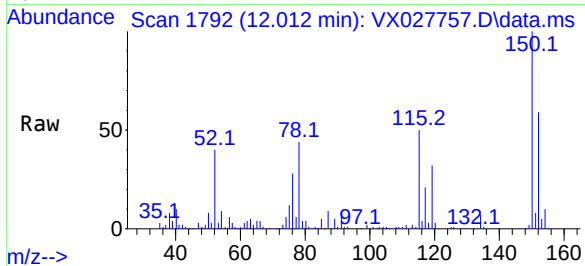




#86
p-Isopropyltoluene
Concen: 2.155 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Instrument : MSVOA_X
ClientSampleId : 20220344-MODIFIED-ELUTRIATE

Tgt Ion:	119	Resp:	7142
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	31.7	11.3	33.9



#95
Naphthalene
Concen: 168.059 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027757.D
Acq: 28 Mar 2022 18:05

Tgt Ion:	128	Resp:	593227
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.7	13.1

