

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031226.D
 Acq On : 08 Sep 2022 20:58
 Operator : JC/MD
 Sample : N4505-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-76

Quant Time: Sep 09 01:11:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

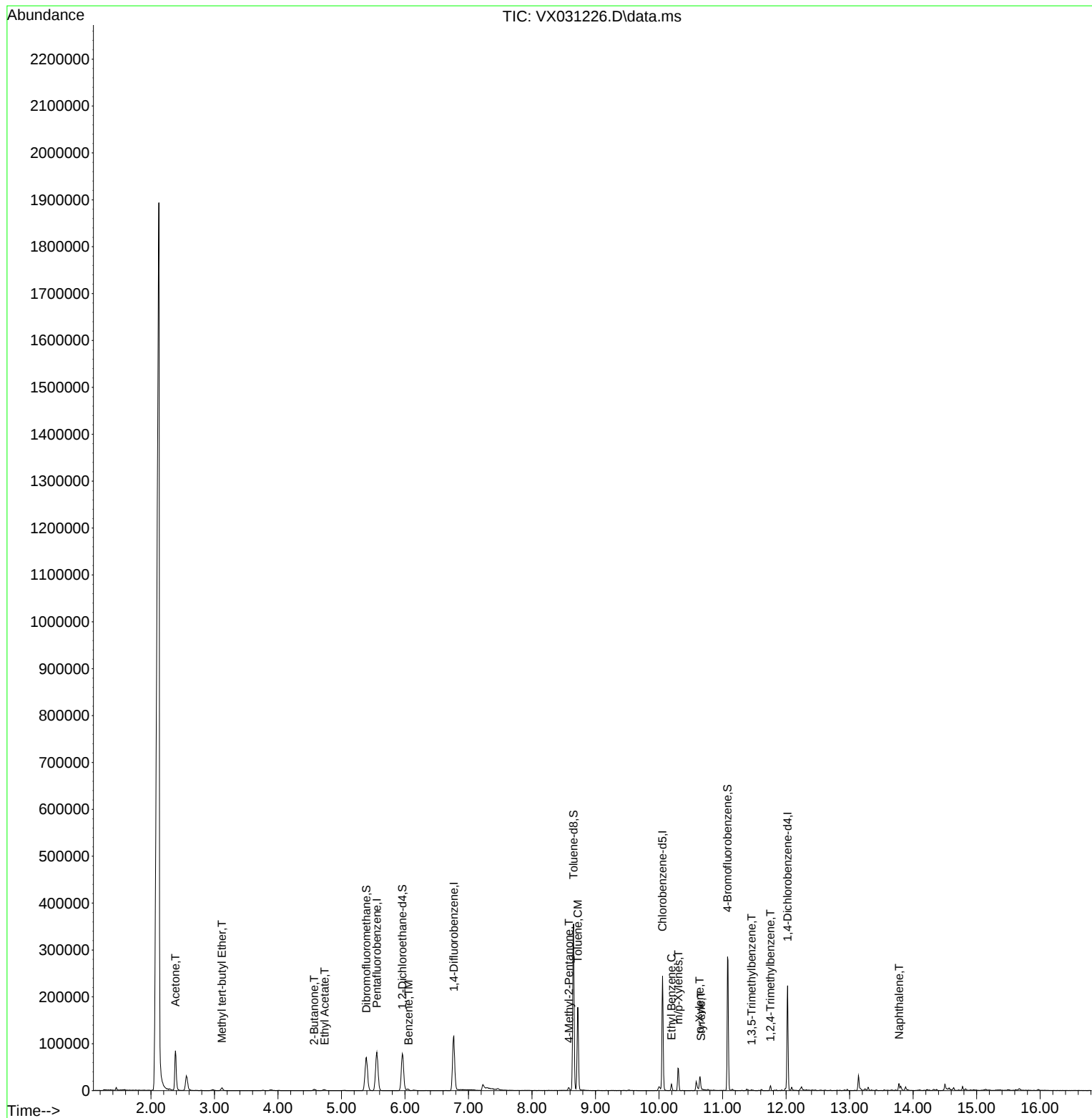
Internal Standards						
1) Pentafluorobenzene	5.556	168	65424	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88576	57.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.360%	
35) Dibromofluoromethane	5.391	113	60252	48.594	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.180%	
50) Toluene-d8	8.653	98	208384	46.257	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.520%	
62) 4-Bromofluorobenzene	11.079	95	80044	48.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.980%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	90878	169.447	ug/l	# 87
19) Methyl tert-butyl Ether	3.117	73	6839	1.743	ug/l	# 83
25) 2-Butanone	4.568	43	4850	6.105	ug/l	96
37) Ethyl Acetate	4.733	43	4327	2.627	ug/l	# 96
40) Benzene	6.056	78	3864	0.766	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	3980	2.503	ug/l	89
52) Toluene	8.720	92	65335	19.638	ug/l	97
67) Ethyl Benzene	10.195	91	7117	1.338	ug/l	94
68) m/p-Xylenes	10.305	106	10848	5.500	ug/l	86
69) o-Xylene	10.640	106	5312	2.698	ug/l	76
70) Styrene	10.659	104	1757	0.557	ug/l	# 57
80) 1,3,5-Trimethylbenzene	11.457	105	971	0.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	4441	1.531	ug/l	97
95) Naphthalene	13.780	128	9021	2.801	ug/l	# 95

(#) = 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

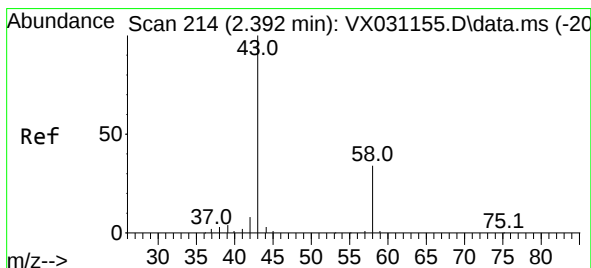
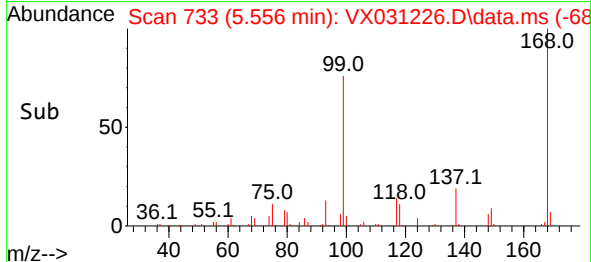
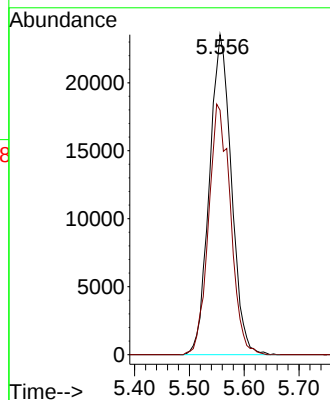
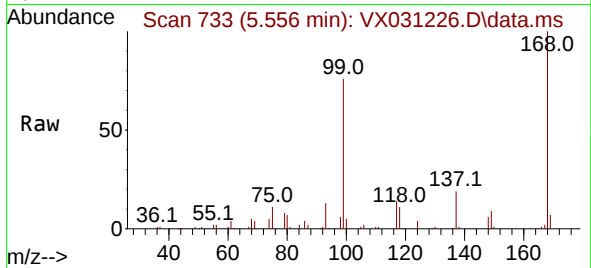




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

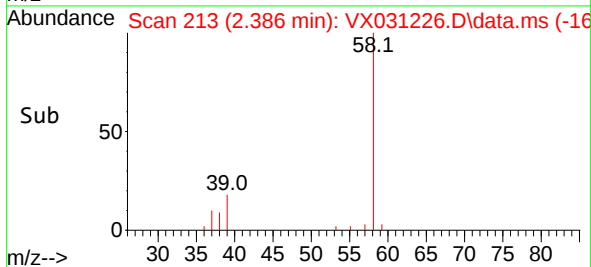
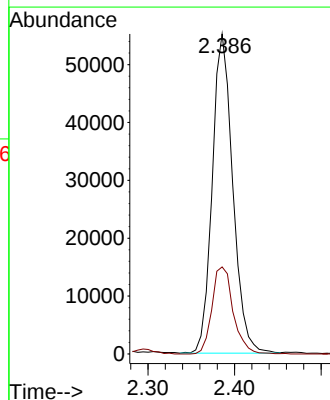
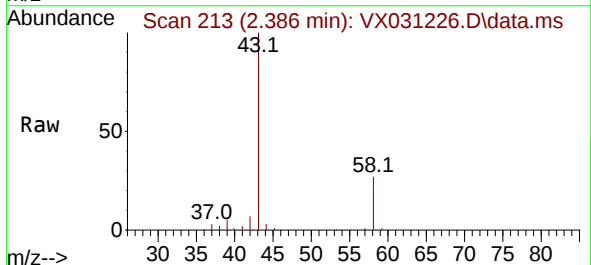
Instrument :
MSVOA_X
ClientSampleId :
CLI-76

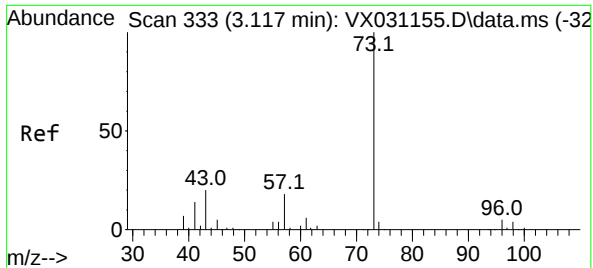
Tgt Ion:168 Resp: 65424
Ion Ratio Lower Upper
168 100
99 76.4 44.0 66.0#



#16
Acetone
Concen: 169.447 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

Tgt Ion: 43 Resp: 90878
Ion Ratio Lower Upper
43 100
58 27.3 27.7 41.5#

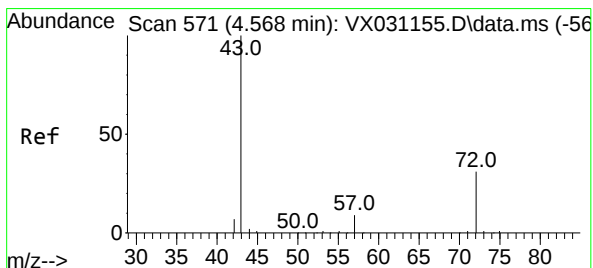
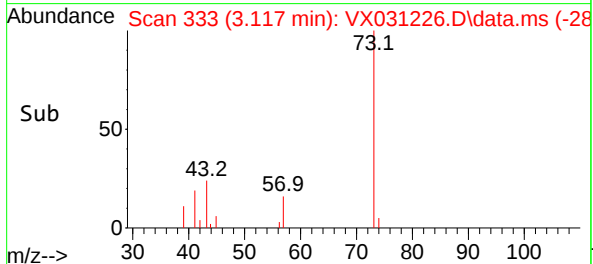
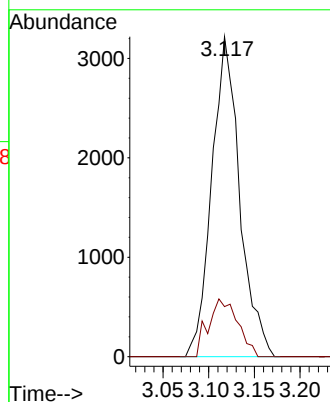
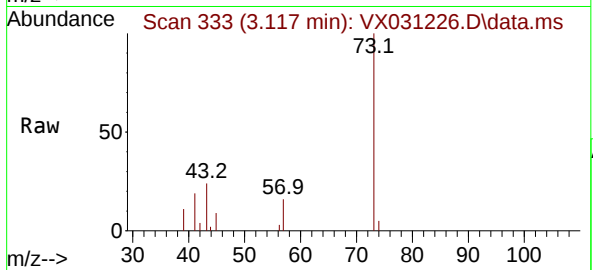




#19
Methyl tert-butyl Ether
Concen: 1.743 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

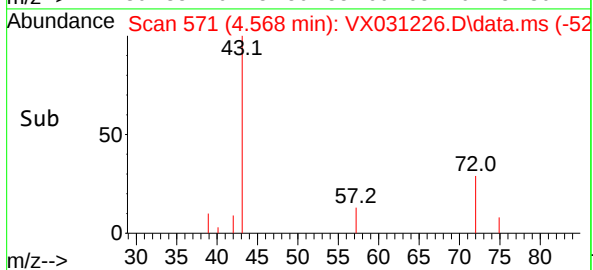
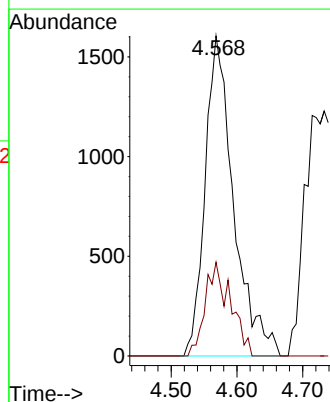
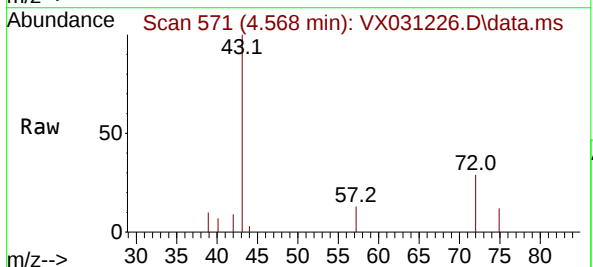
Instrument :
MSVOA_X
ClientSampleId :
CLI-76

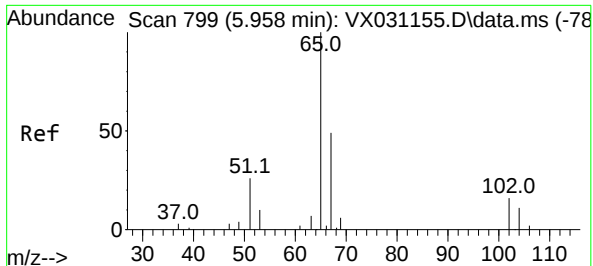
Tgt Ion: 73 Resp: 6839
Ion Ratio Lower Upper
73 100
57 15.7 19.0 28.6#



#25
2-Butanone
Concen: 6.105 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

Tgt Ion: 43 Resp: 4850
Ion Ratio Lower Upper
43 100
72 29.3 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 57.185 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031226.D

Acq: 08 Sep 2022 20:58

Instrument :

MSVOA_X

ClientSampleId :

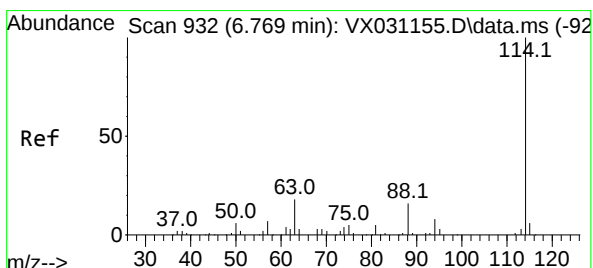
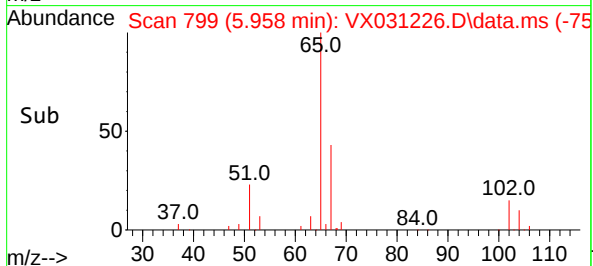
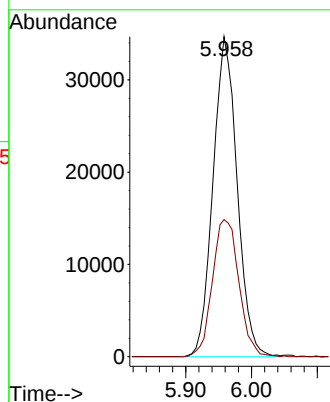
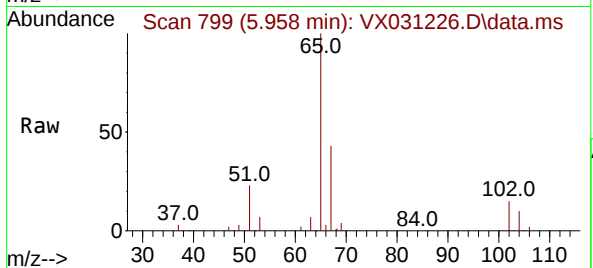
CLI-76

Tgt Ion: 65 Resp: 88576

Ion Ratio Lower Upper

65 100

67 47.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031226.D

Acq: 08 Sep 2022 20:58

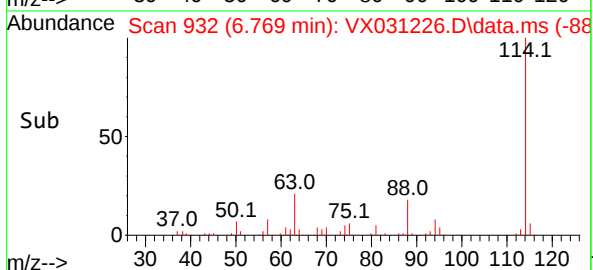
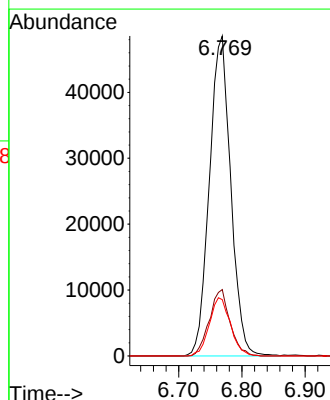
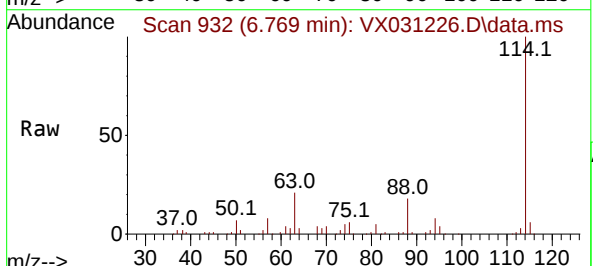
Tgt Ion: 114 Resp: 113782

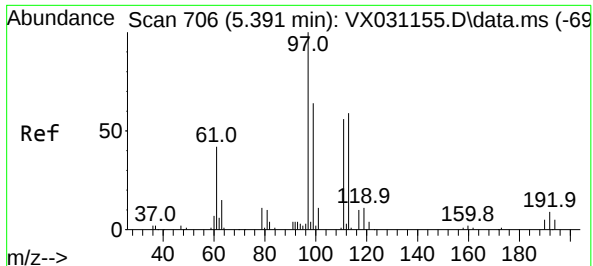
Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

88 17.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.594 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031226.D

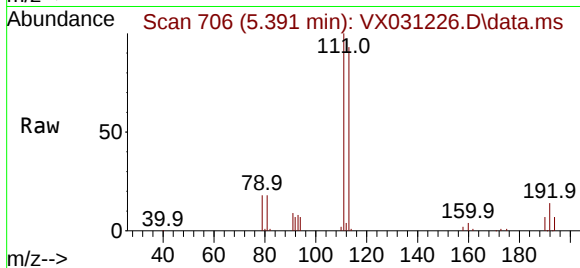
Acq: 08 Sep 2022 20:58

Instrument :

MSVOA_X

ClientSampleId :

CLI-76



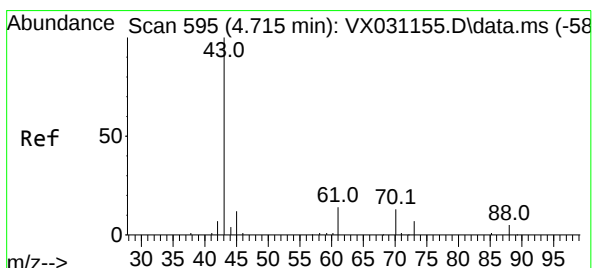
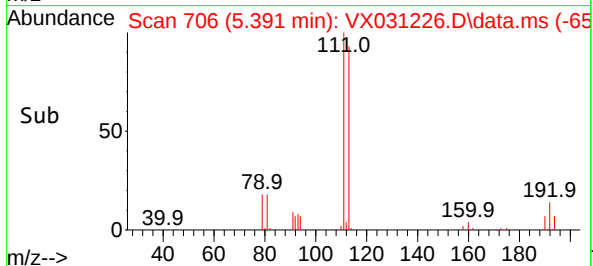
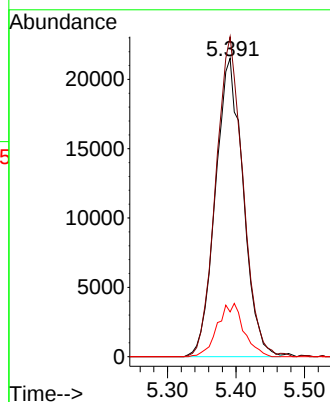
Tgt Ion:113 Resp: 60252

Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

192 17.0 14.8 22.2



#37

Ethyl Acetate

Concen: 2.627 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.018 min

Lab File: VX031226.D

Acq: 08 Sep 2022 20:58

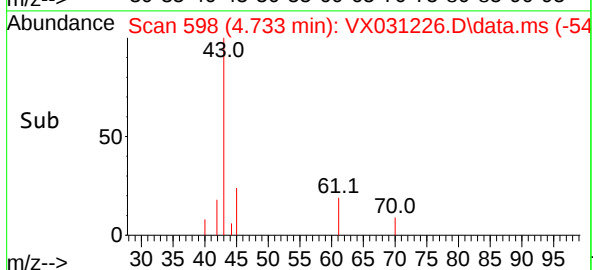
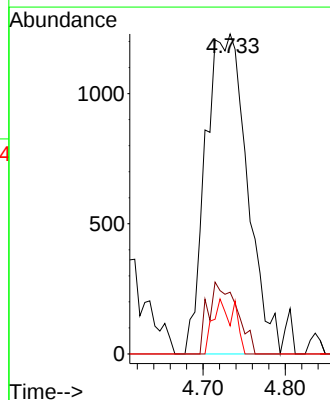
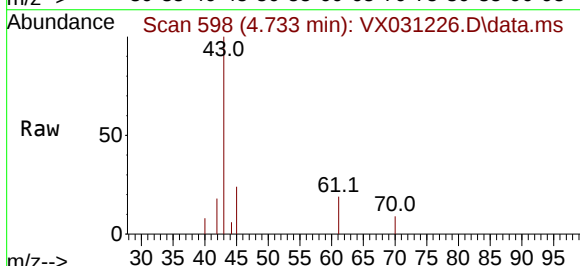
Tgt Ion: 43 Resp: 4327

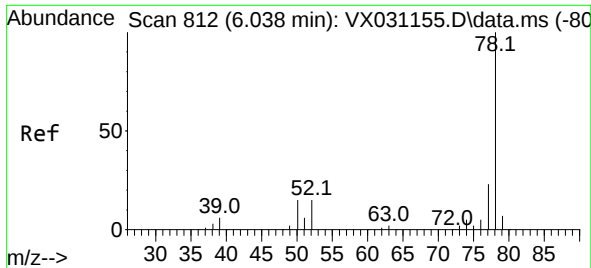
Ion Ratio Lower Upper

43 100

61 15.4 11.7 17.5

70 8.7 9.3 13.9#

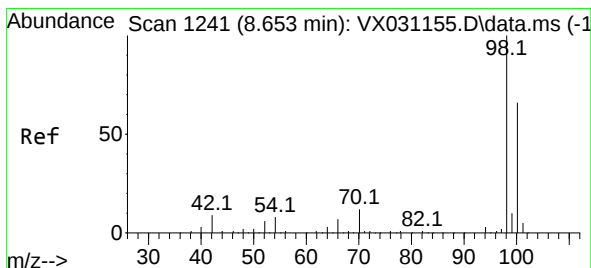
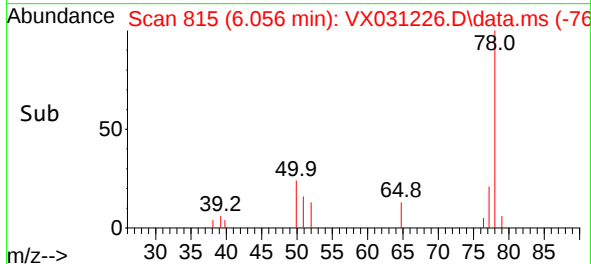
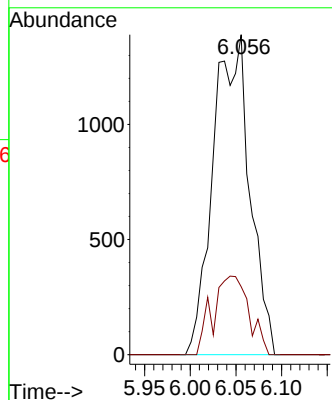
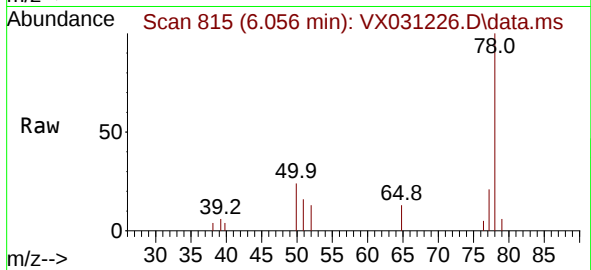




#40
Benzene
Concen: 0.766 ug/l
RT: 6.056 min Scan# 812
Delta R.T. 0.018 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

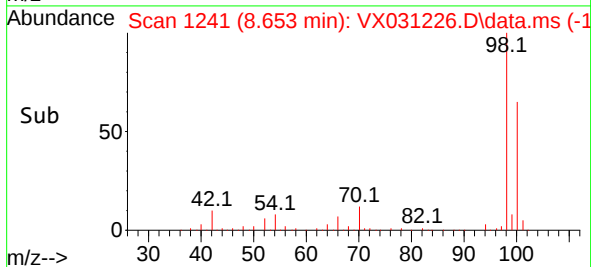
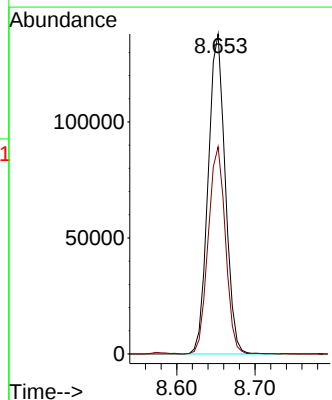
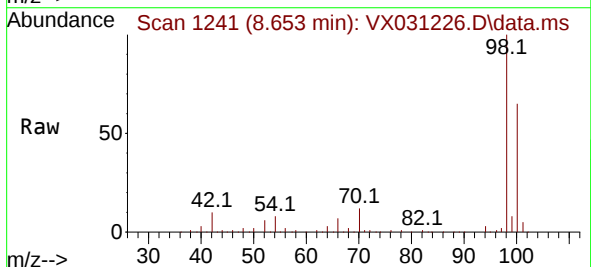
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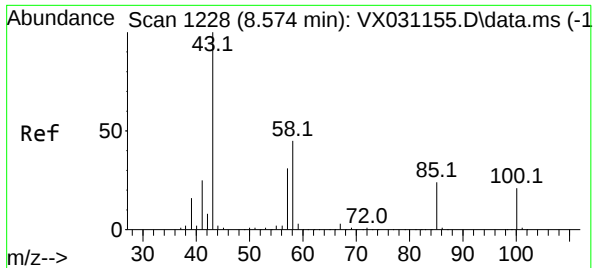
Tgt Ion: 78 Resp: 3864
Ion Ratio Lower Upper
78 100
77 21.2 18.0 27.0



#50
Toluene-d8
Concen: 46.257 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

Tgt Ion: 98 Resp: 208384
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

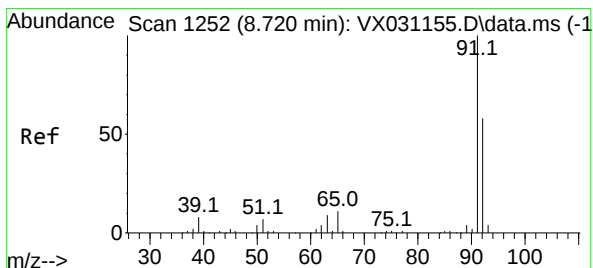
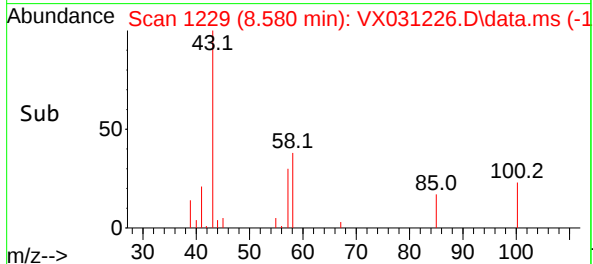
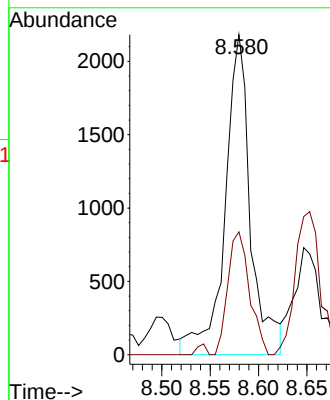
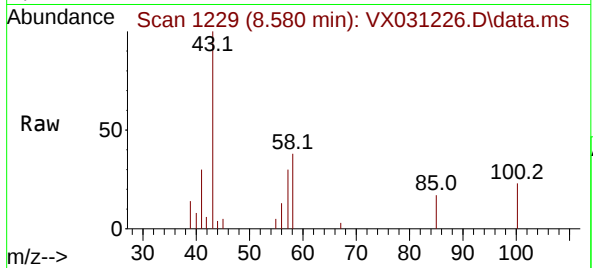




#51
4-Methyl-2-Pentanone
Concen: 2.503 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

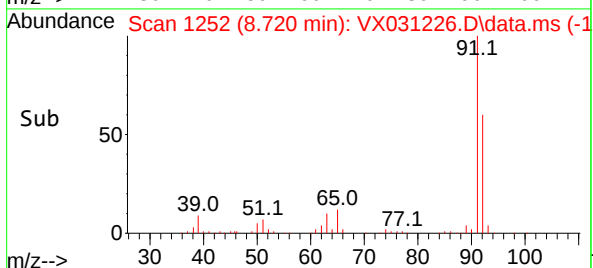
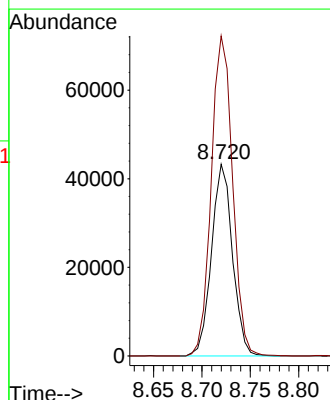
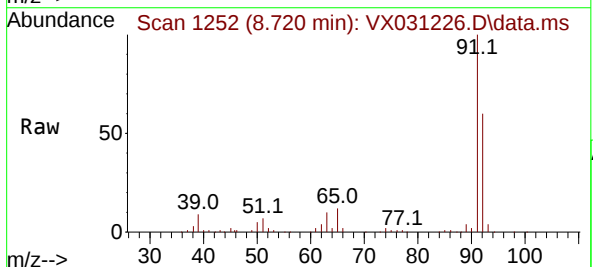
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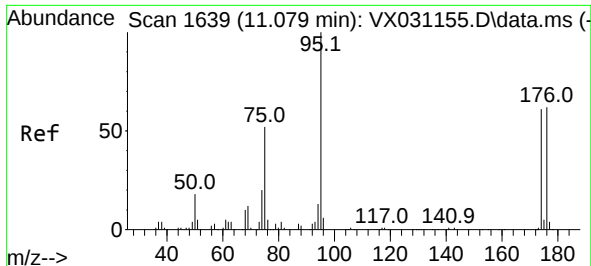
Tgt Ion: 43 Resp: 3980
Ion Ratio Lower Upper
43 100
58 32.9 31.4 47.2



#52
Toluene
Concen: 19.638 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

Tgt Ion: 92 Resp: 65335
Ion Ratio Lower Upper
92 100
91 169.4 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 48.485 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031226.D

Acq: 08 Sep 2022 20:58

Instrument :

MSVOA_X

ClientSampleId :

CLI-76

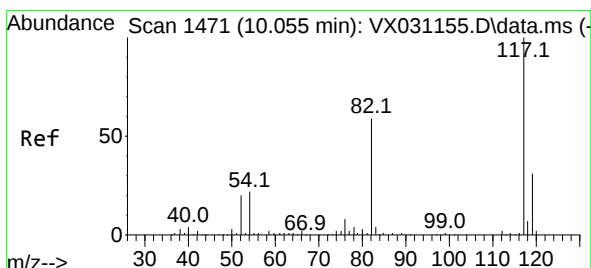
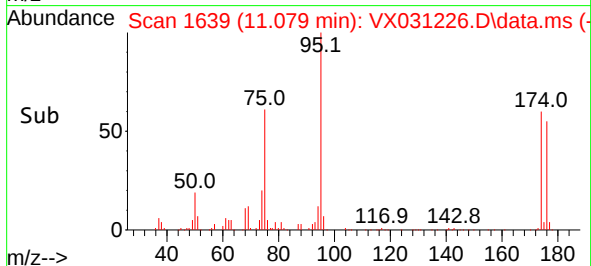
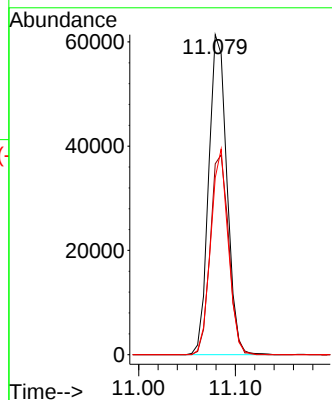
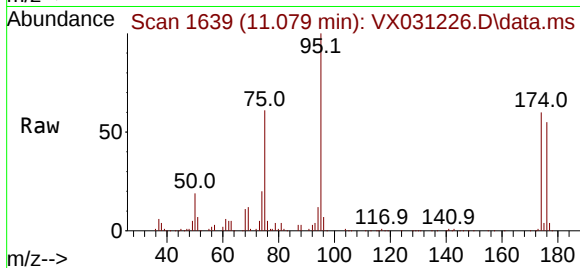
Tgt Ion: 95 Resp: 80044

Ion Ratio Lower Upper

95 100

174 63.7 0.0 149.0

176 61.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031226.D

Acq: 08 Sep 2022 20:58

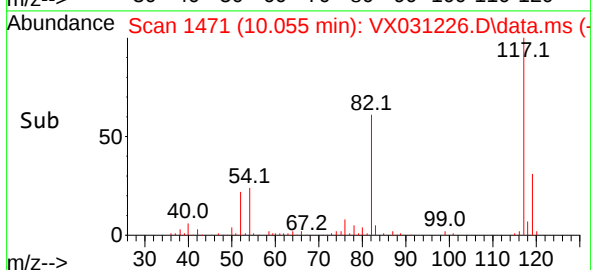
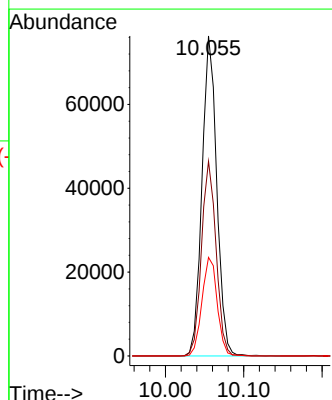
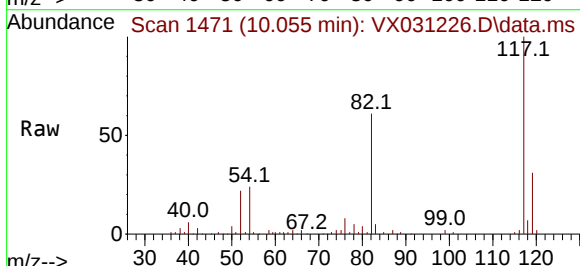
Tgt Ion: 117 Resp: 99725

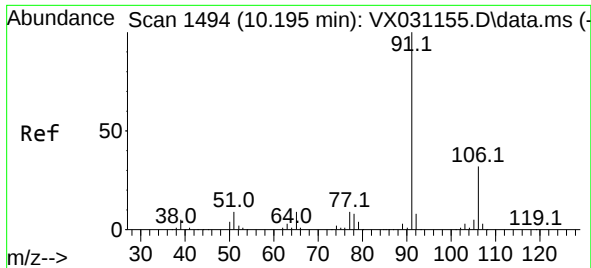
Ion Ratio Lower Upper

117 100

82 60.8 42.7 64.1

119 30.8 25.4 38.2

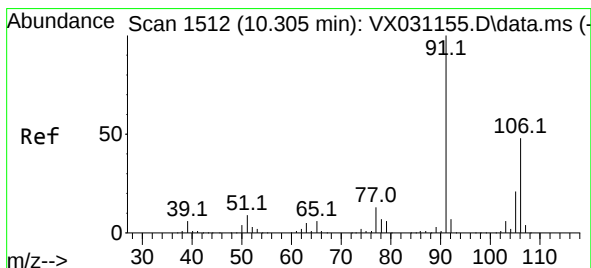
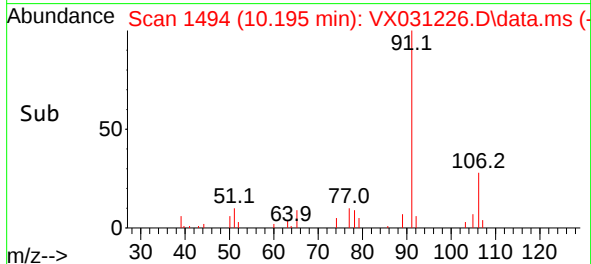
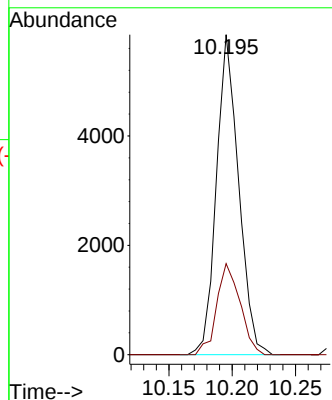
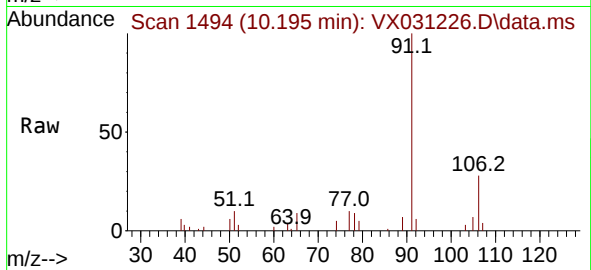




#67
Ethyl Benzene
Concen: 1.338 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

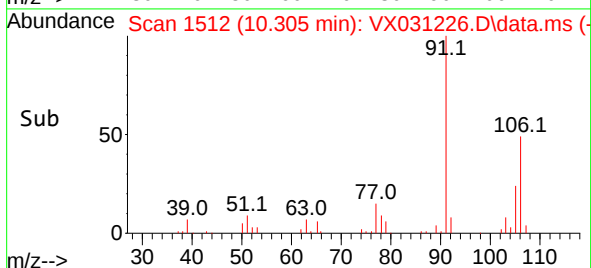
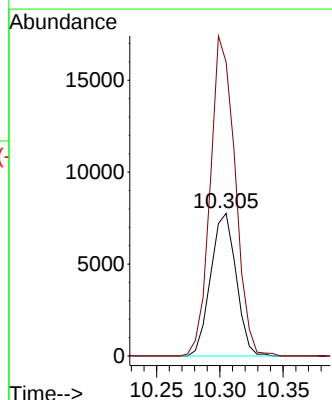
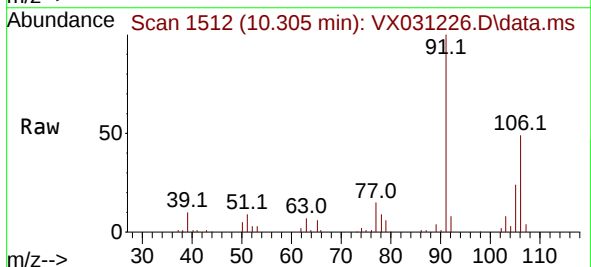
Instrument :
MSVOA_X
ClientSampleId :
CLI-76

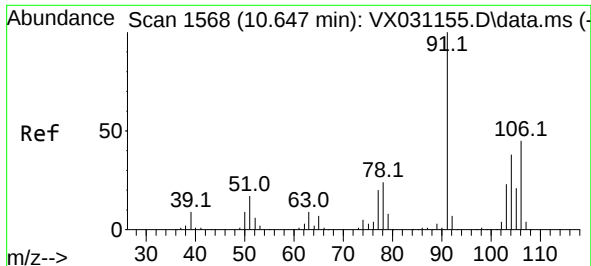
Tgt Ion: 91 Resp: 7117
Ion Ratio Lower Upper
91 100
106 28.4 25.5 38.3



#68
m/p-Xylenes
Concen: 5.500 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

Tgt Ion: 106 Resp: 10848
Ion Ratio Lower Upper
106 100
91 219.2 158.2 237.4

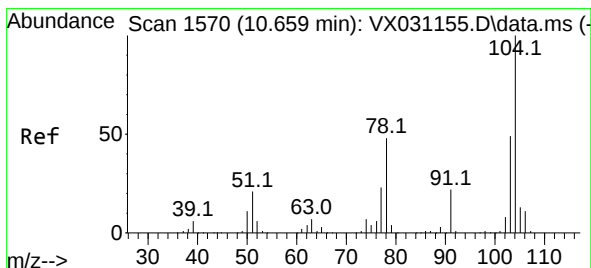
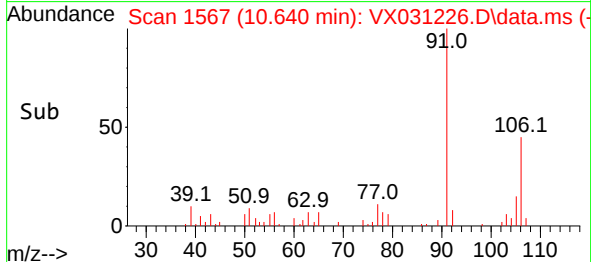
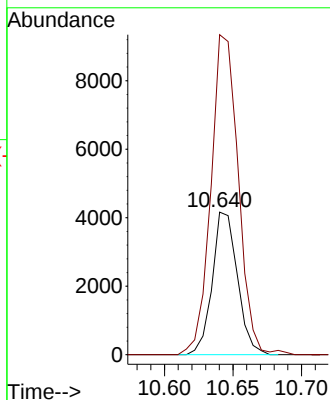
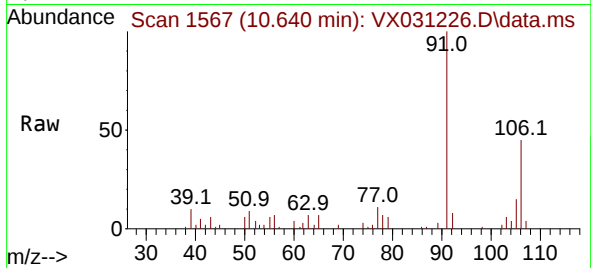




#69
o-Xylene
Concen: 2.698 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

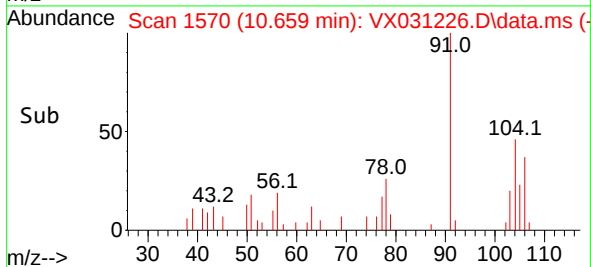
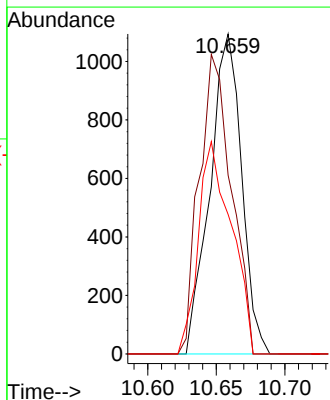
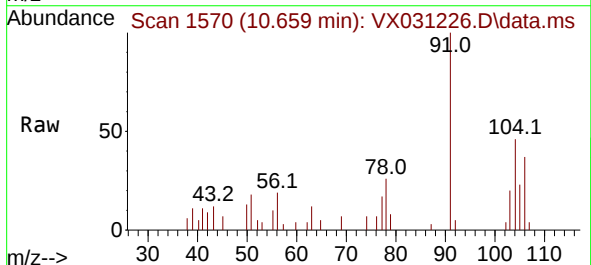
Instrument :
MSVOA_X
ClientSampleId :
CLI-76

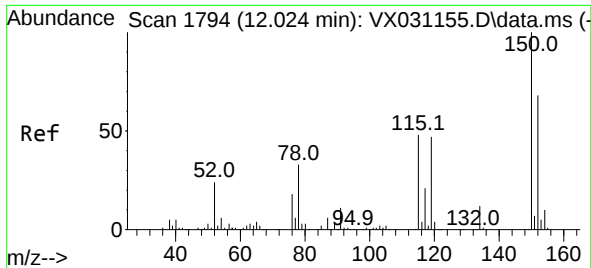
Tgt Ion:106 Resp: 5312
Ion Ratio Lower Upper
106 100
91 244.7 103.8 311.6



#70
Styrene
Concen: 0.557 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

Tgt Ion:104 Resp: 1757
Ion Ratio Lower Upper
104 100
78 95.4 37.8 56.8#
103 69.2 44.5 66.7#

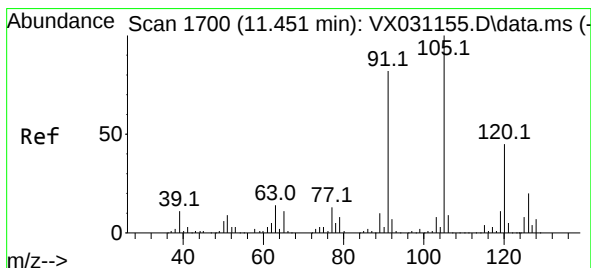
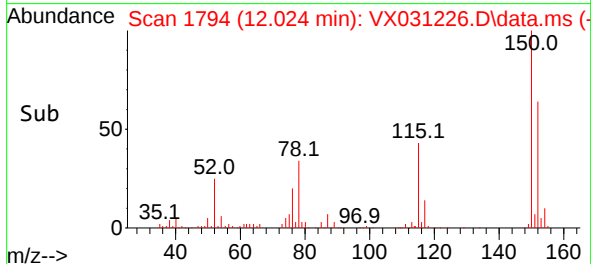
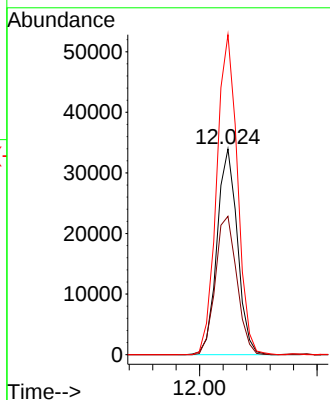
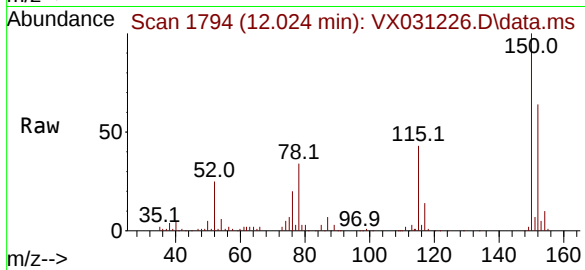




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031226.D
 Acq: 08 Sep 2022 20:58

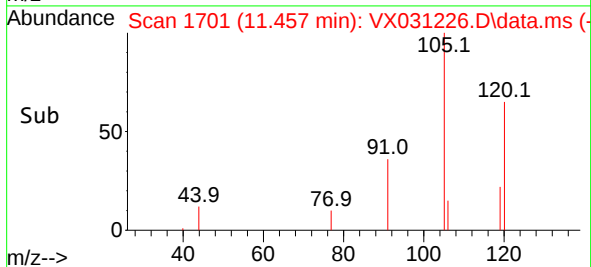
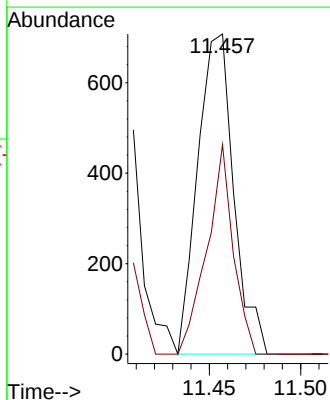
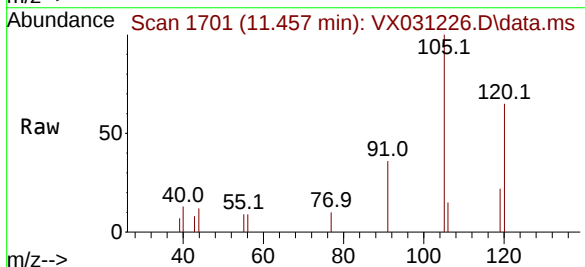
Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-76

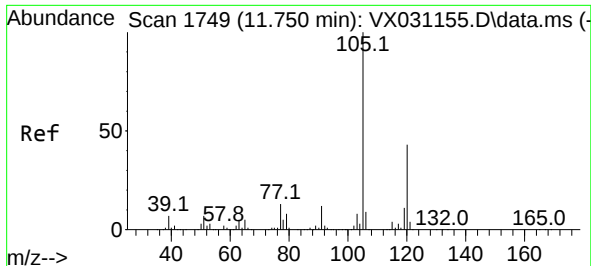
Tgt Ion:152 Resp: 40875
 Ion Ratio Lower Upper
 152 100
 115 71.2 40.5 121.5
 150 158.8 0.0 347.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.325 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX031226.D
 Acq: 08 Sep 2022 20:58

Tgt Ion:105 Resp: 971
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.4 73.2

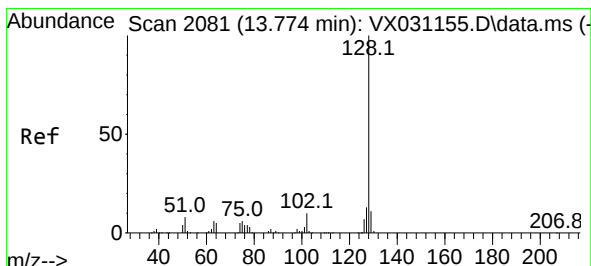
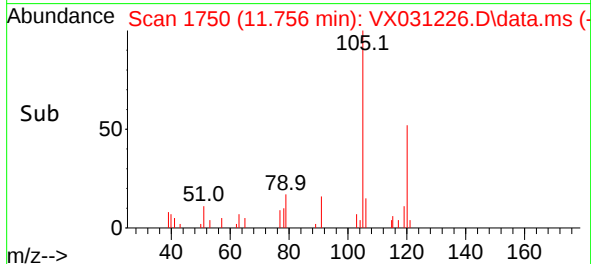
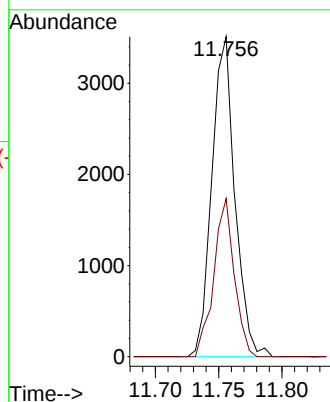
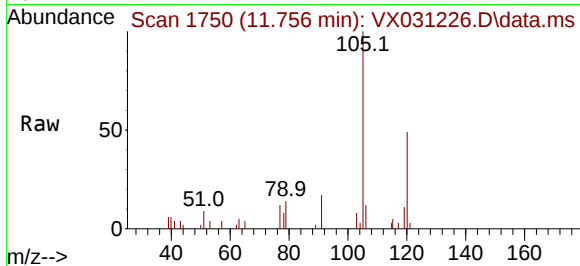




#84
1,2,4-Trimethylbenzene
Concen: 1.531 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

Instrument :
MSVOA_X
ClientSampleId :
CLI-76

Tgt Ion:105 Resp: 4441
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.8



#95
Naphthalene
Concen: 2.801 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031226.D
Acq: 08 Sep 2022 20:58

Tgt Ion:128 Resp: 9021
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 13.1 8.6 13.0#

