

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031223.D
 Acq On : 08 Sep 2022 19:48
 Operator : JC/MD
 Sample : N4505-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-107

Quant Time: Sep 09 01:10:58 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)

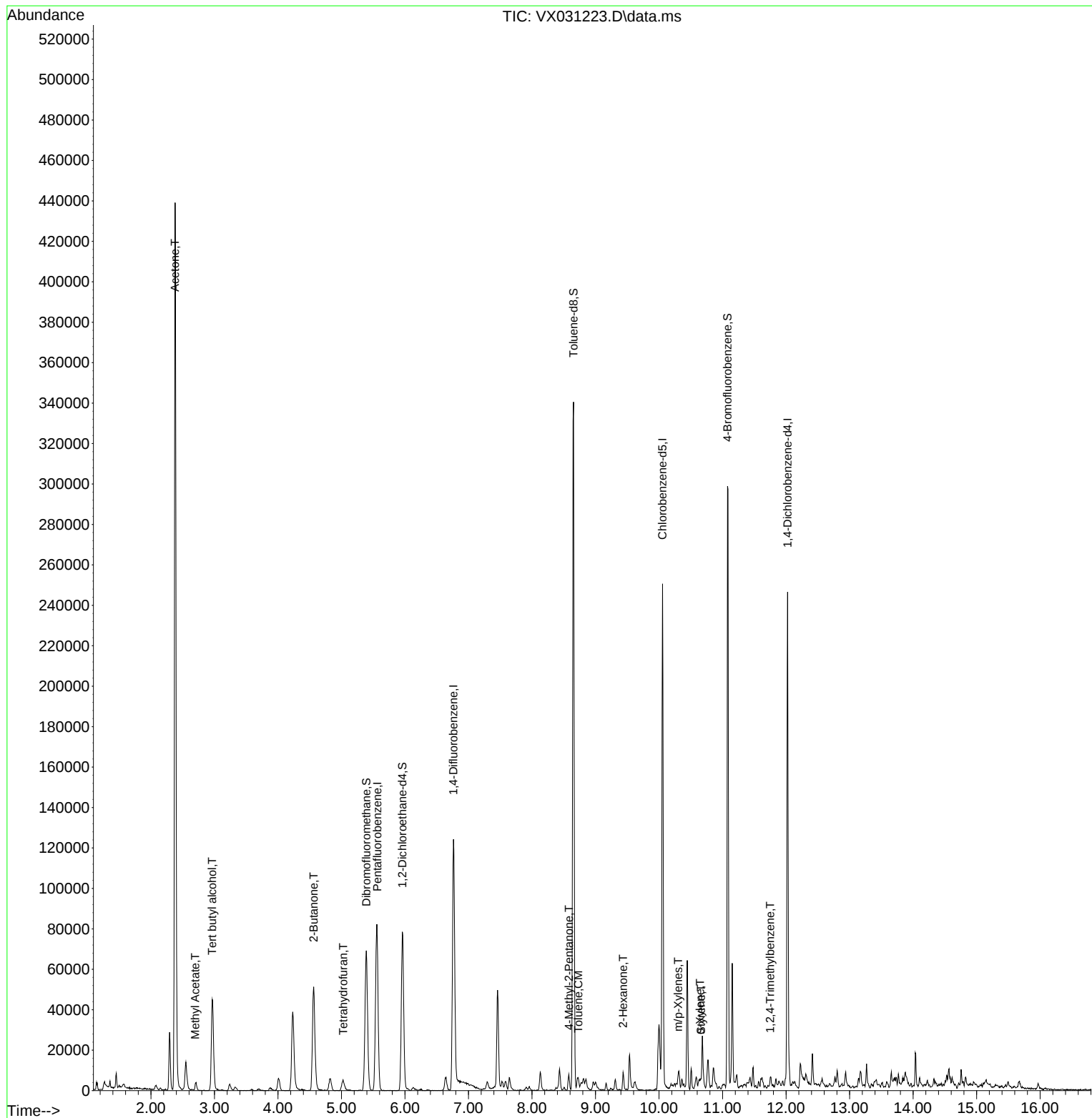
Internal Standards						
1) Pentafluorobenzene	5.562	168	66378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	115930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88097	56.058	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.120%
35) Dibromofluoromethane	5.391	113	59629	47.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.400%
50) Toluene-d8	8.653	98	202559	44.131	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.260%
62) 4-Bromofluorobenzene	11.079	95	82628	49.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	59438	206.753	ug/l	# 94
16) Acetone	2.380	43	461413	847.965	ug/l	88
18) Methyl Acetate	2.697	43	4680	3.322	ug/l	# 85
25) 2-Butanone	4.562	43	81863	101.567	ug/l	96
29) Tetrahydrofuran	5.025	42	1560	3.278	ug/l	# 88
51) 4-Methyl-2-Pentanone	8.580	43	3819	2.357	ug/l	93
52) Toluene	8.726	92	1517	0.448	ug/l	96
59) 2-Hexanone	9.433	43	4517	3.686	ug/l	95
68) m/p-Xylenes	10.299	106	1243	0.616	ug/l	96
69) o-Xylene	10.646	106	428	0.213	ug/l	73
70) Styrene	10.659	104	1147	0.355	ug/l	# 85
84) 1,2,4-Trimethylbenzene	11.750	105	1480	0.461	ug/l	77

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
Data File : VX031223.D
Acq On : 08 Sep 2022 19:48
Operator : JC/MD
Sample : N4505-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-107

Quant Time: Sep 09 01:10:58 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

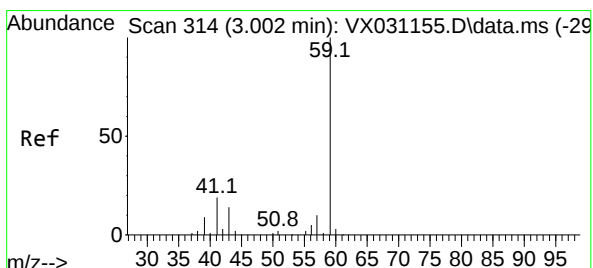
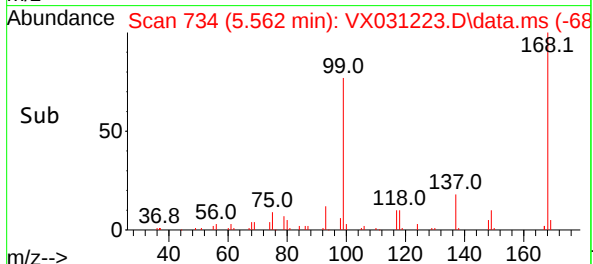
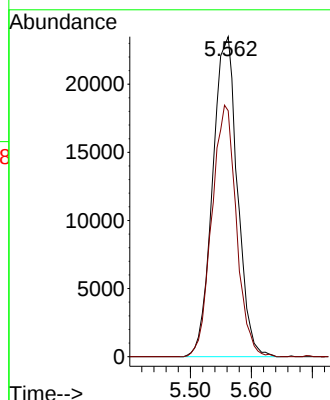
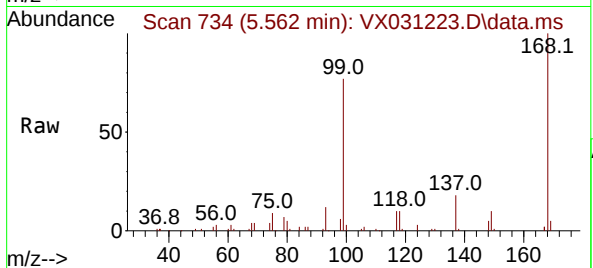




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

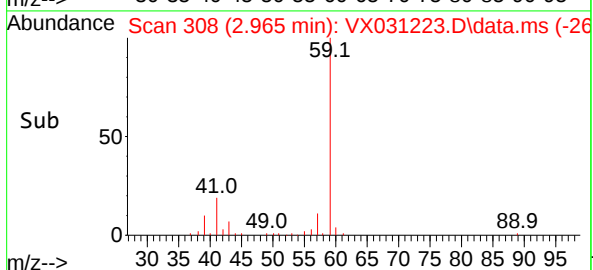
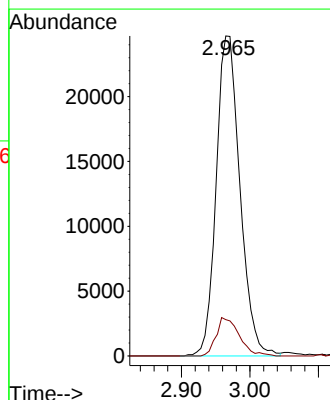
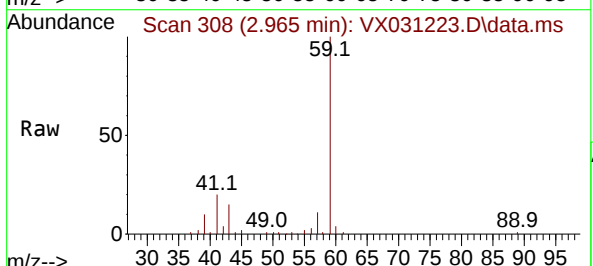
Instrument :
MSVOA_X
ClientSampleId :
CLI-107

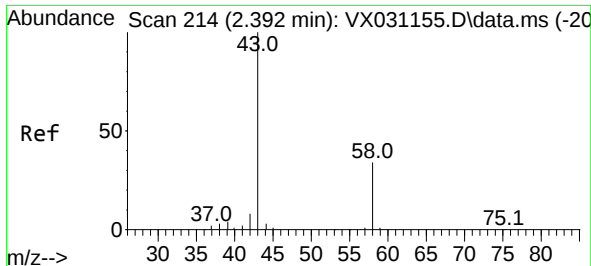
Tgt Ion:168 Resp: 66378
Ion Ratio Lower Upper
168 100
99 76.8 44.0 66.0#



#11
Tert butyl alcohol
Concen: 206.753 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.037 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

Tgt Ion: 59 Resp: 59438
Ion Ratio Lower Upper
59 100
57 11.6 7.4 11.2#

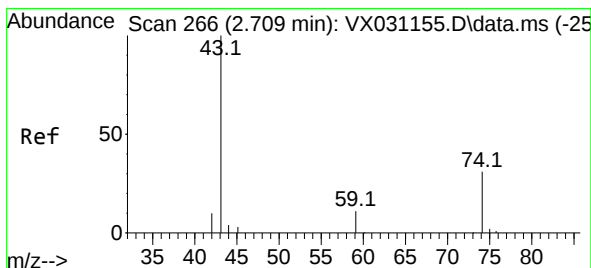
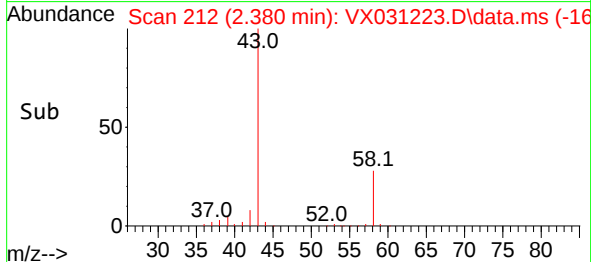
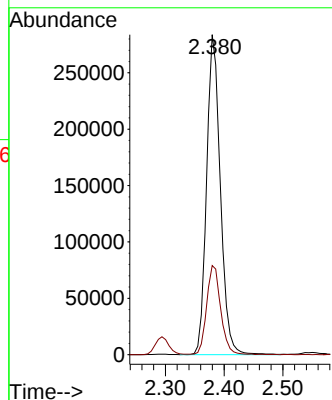
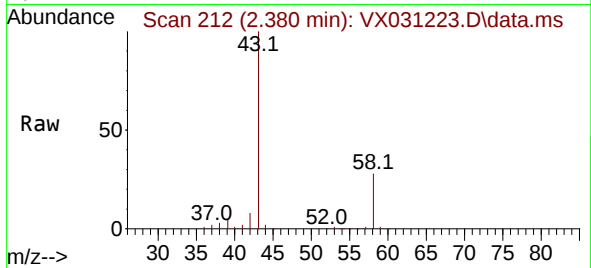




#16
Acetone
Concen: 847.965 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

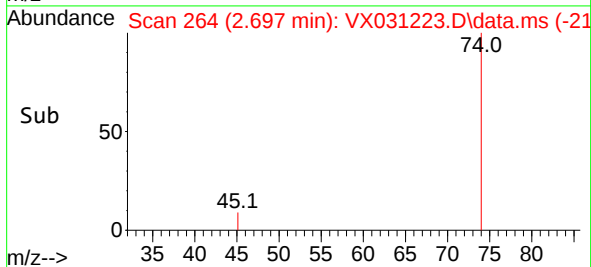
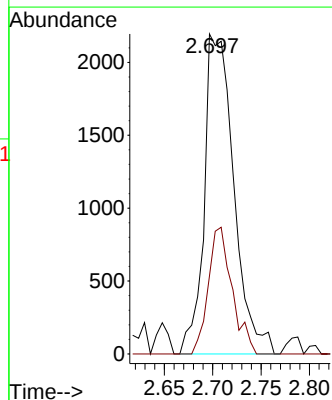
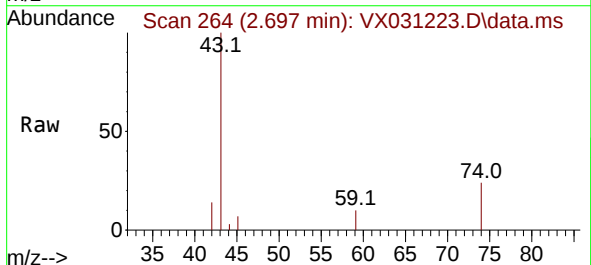
Instrument :
MSVOA_X
ClientSampleId :
CLI-107

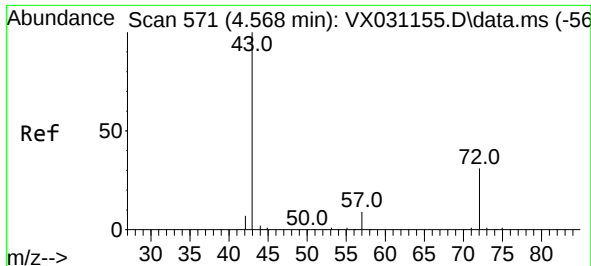
Tgt Ion: 43 Resp: 461413
Ion Ratio Lower Upper
43 100
58 27.8 27.7 41.5



#18
Methyl Acetate
Concen: 3.322 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

Tgt Ion: 43 Resp: 4680
Ion Ratio Lower Upper
43 100
74 31.7 19.4 29.2#

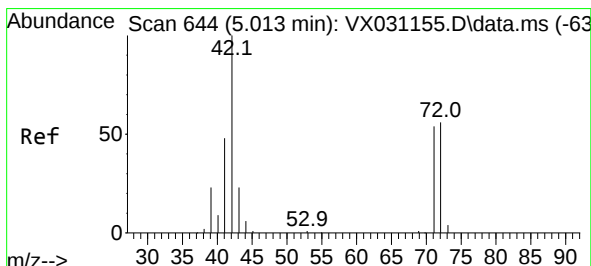
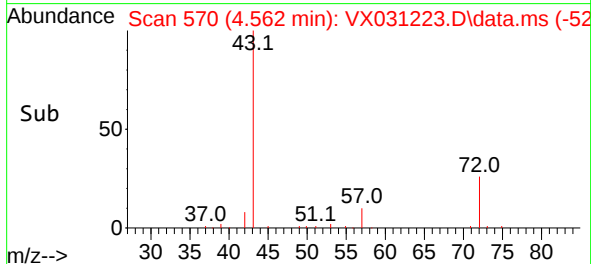
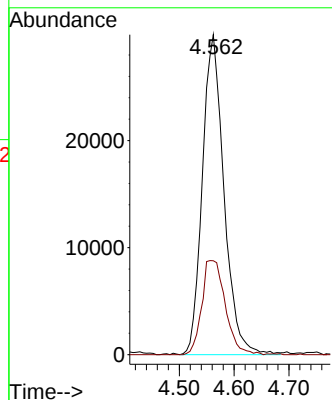
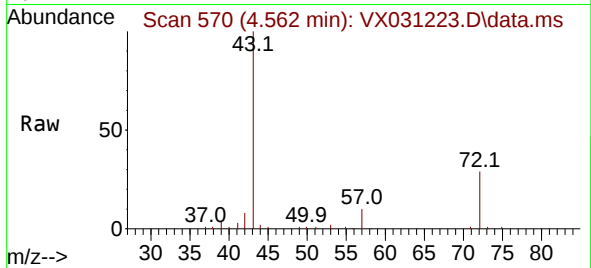




#25
2-Butanone
Concen: 101.567 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

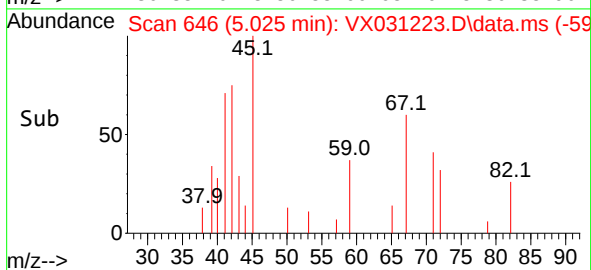
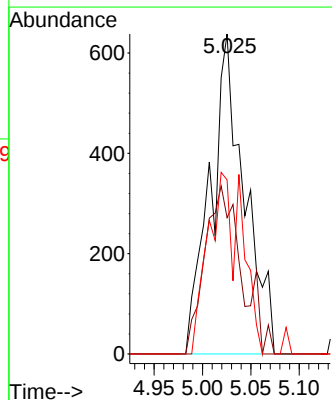
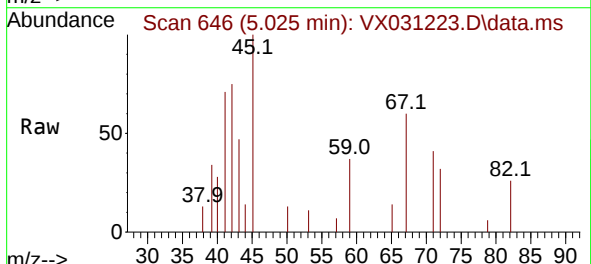
Instrument :
MSVOA_X
ClientSampleId :
CLI-107

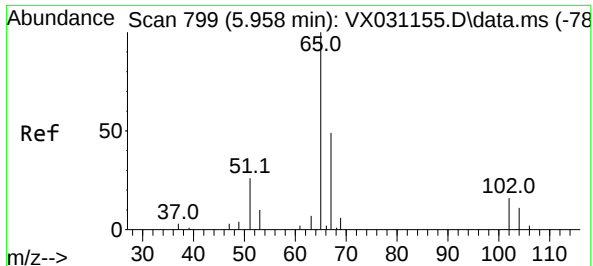
Tgt Ion: 43 Resp: 81863
Ion Ratio Lower Upper
43 100
72 29.4 21.7 32.5



#29
Tetrahydrofuran
Concen: 3.278 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

Tgt Ion: 42 Resp: 1560
Ion Ratio Lower Upper
42 100
72 56.5 36.5 54.7#
71 38.5 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 56.058 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031223.D

Acq: 08 Sep 2022 19:48

Instrument :

MSVOA_X

ClientSampleId :

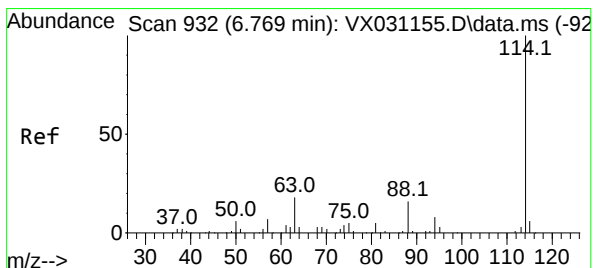
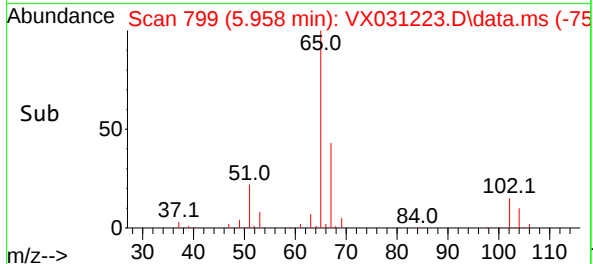
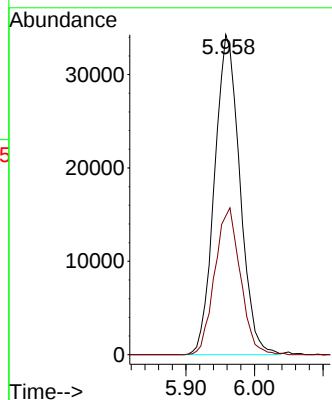
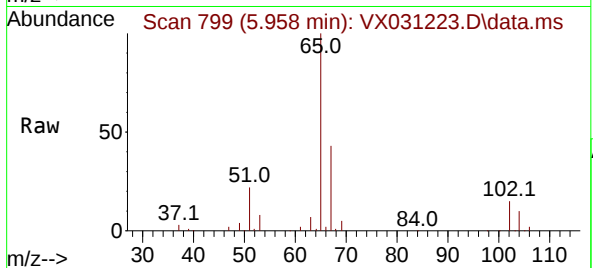
CLI-107

Tgt Ion: 65 Resp: 88097

Ion Ratio Lower Upper

65 100

67 46.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031223.D

Acq: 08 Sep 2022 19:48

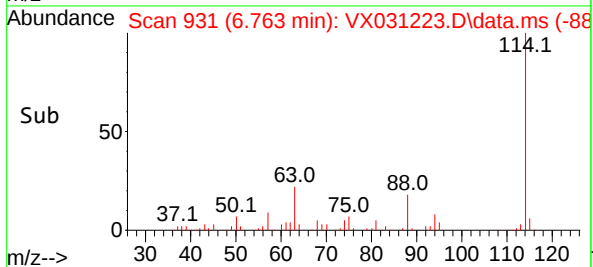
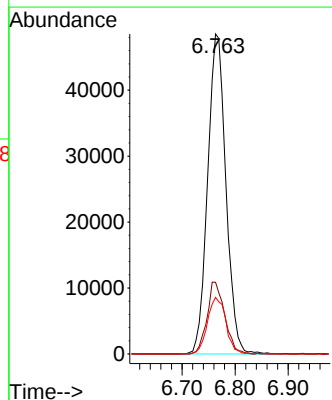
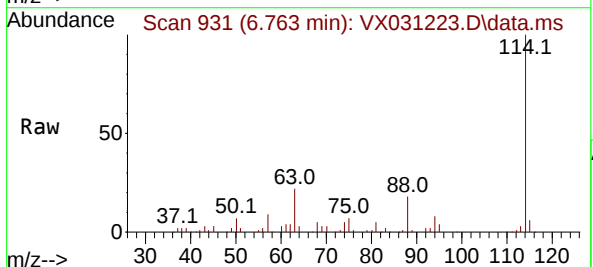
Tgt Ion: 114 Resp: 115930

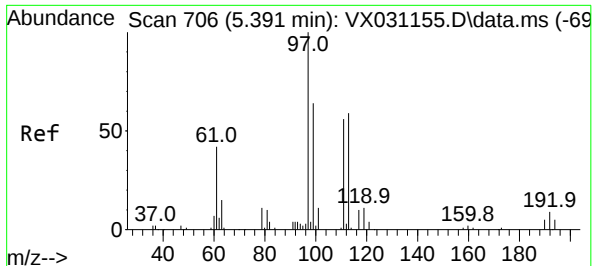
Ion Ratio Lower Upper

114 100

63 22.4 0.0 38.4

88 17.7 0.0 31.8

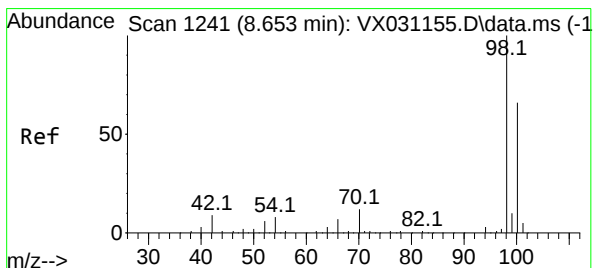
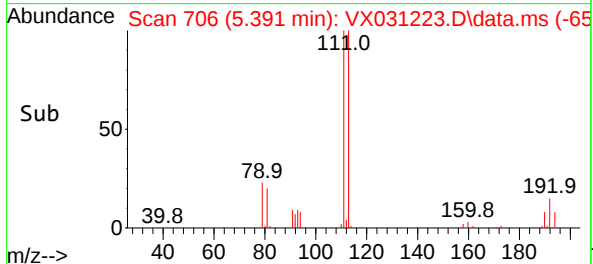
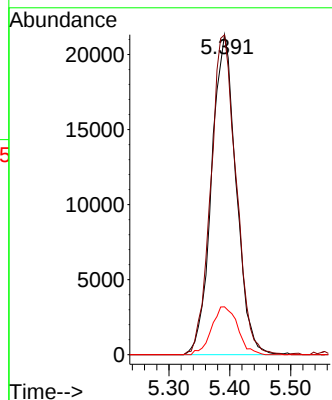
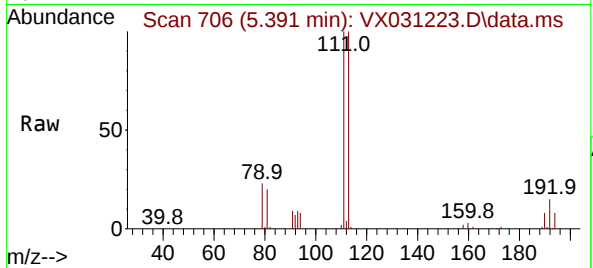




#35
Dibromofluoromethane
Concen: 47.200 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

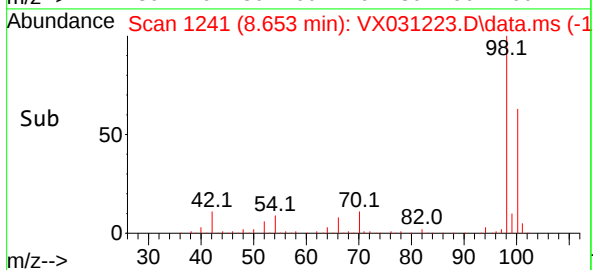
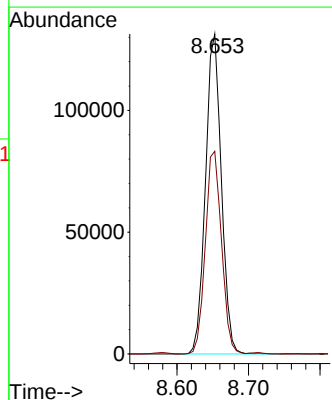
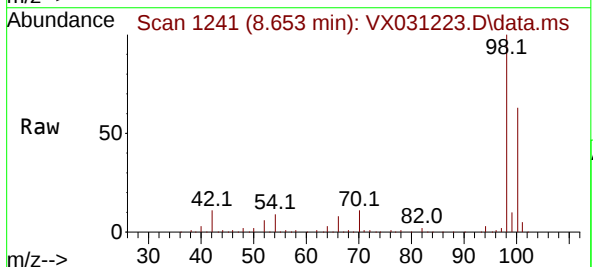
Instrument :
MSVOA_X
ClientSampleId :
CLI-107

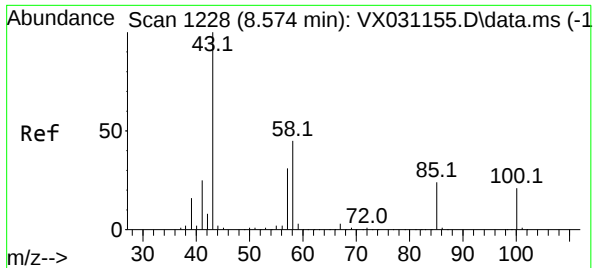
Tgt Ion:113 Resp: 59629
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 15.9 14.8 22.2



#50
Toluene-d8
Concen: 44.131 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

Tgt Ion: 98 Resp: 202559
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

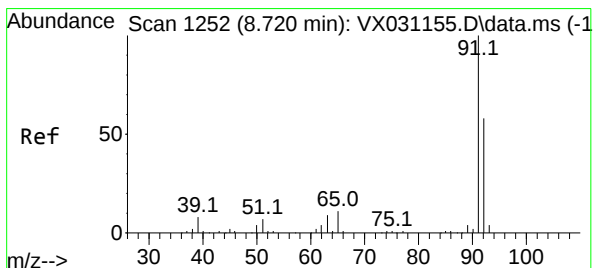
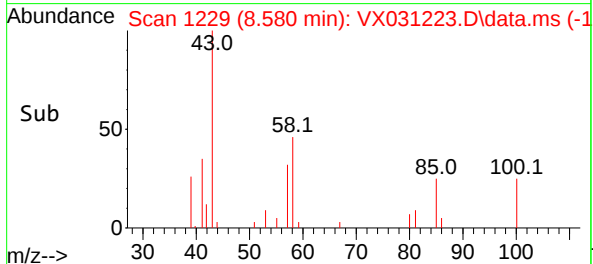
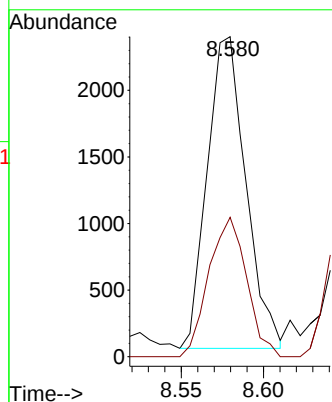
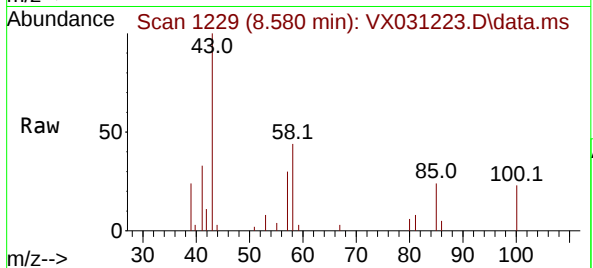




#51
4-Methyl-2-Pentanone
Concen: 2.357 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

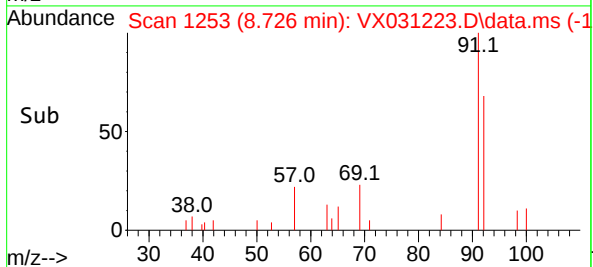
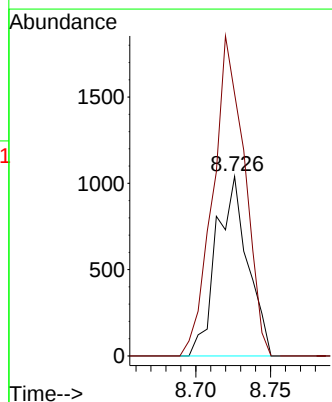
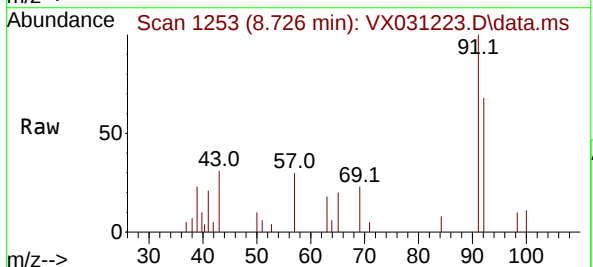
Instrument :
MSVOA_X
ClientSampleId :
CLI-107

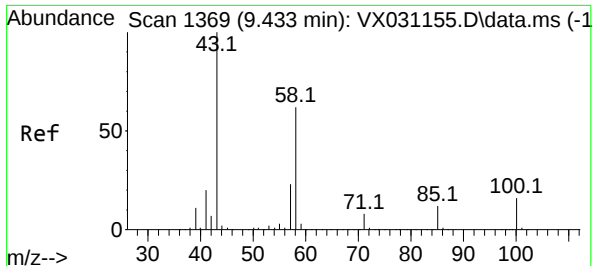
Tgt Ion: 43 Resp: 3819
Ion Ratio Lower Upper
43 100
58 43.8 31.4 47.2



#52
Toluene
Concen: 0.448 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

Tgt Ion: 92 Resp: 1517
Ion Ratio Lower Upper
92 100
91 179.6 139.2 208.8





#59

2-Hexanone

Concen: 3.686 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031223.D

Acq: 08 Sep 2022 19:48

Instrument :

MSVOA_X

ClientSampleId :

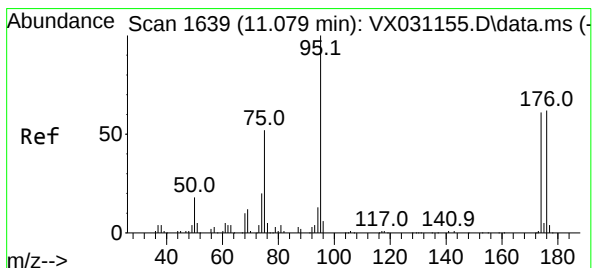
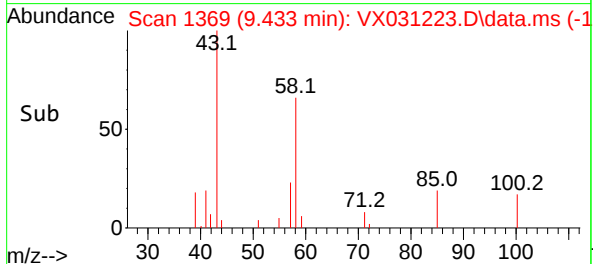
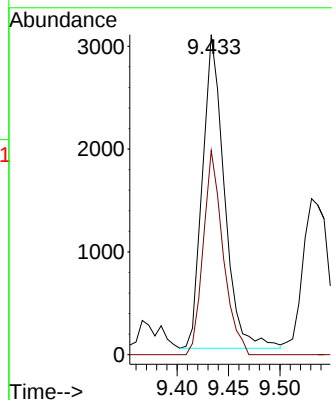
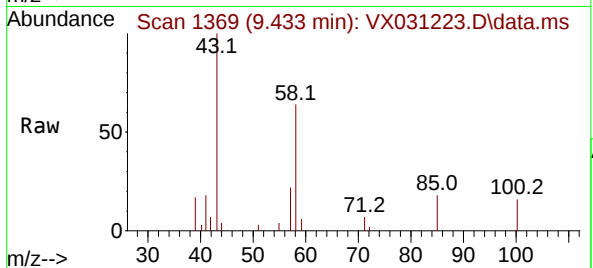
CLI-107

Tgt Ion: 43 Resp: 4517

Ion Ratio Lower Upper

43 100

58 59.0 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 49.123 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031223.D

Acq: 08 Sep 2022 19:48

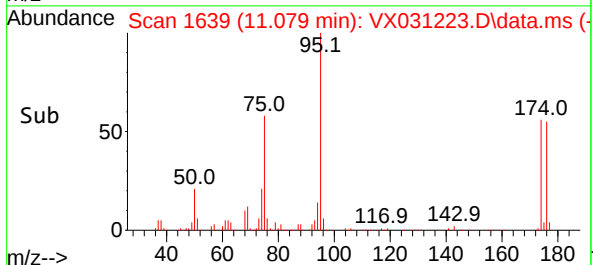
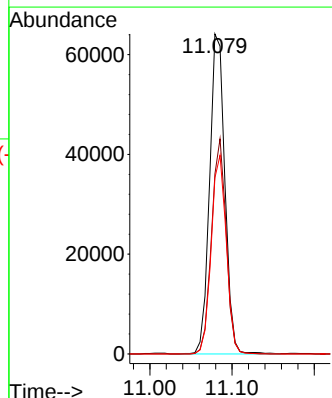
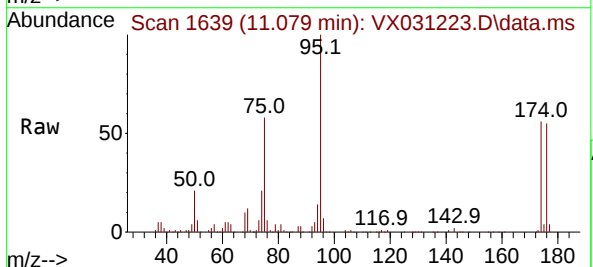
Tgt Ion: 95 Resp: 82628

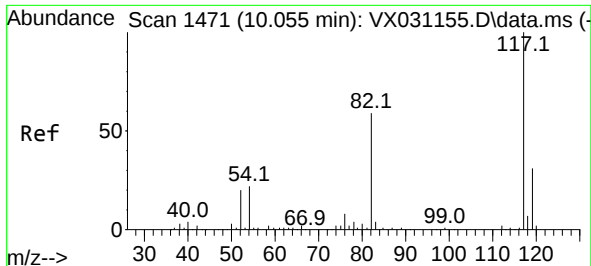
Ion Ratio Lower Upper

95 100

174 64.4 0.0 149.0

176 61.1 0.0 146.0

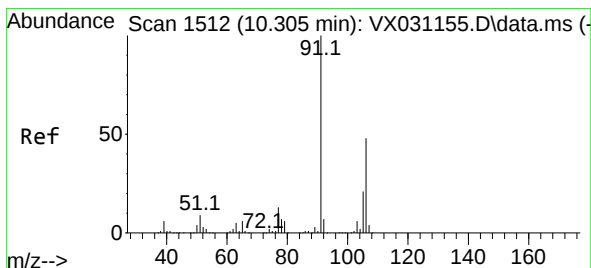
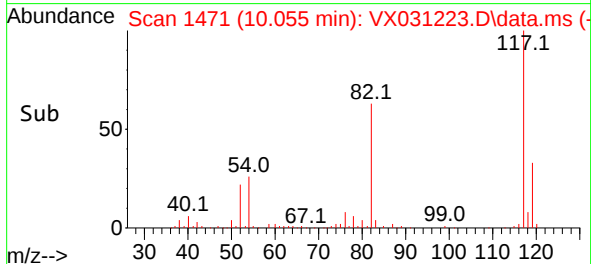
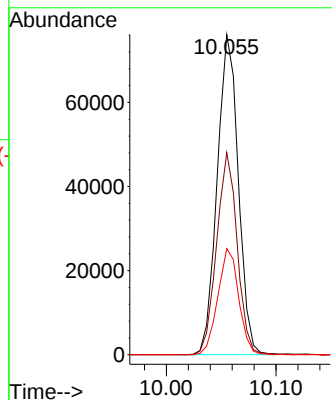
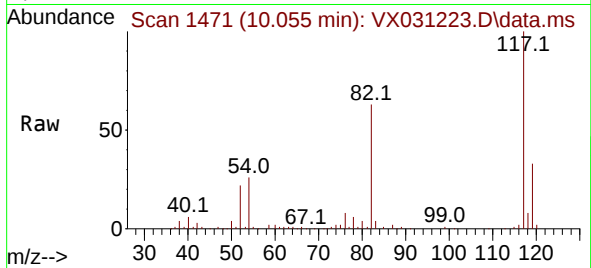




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

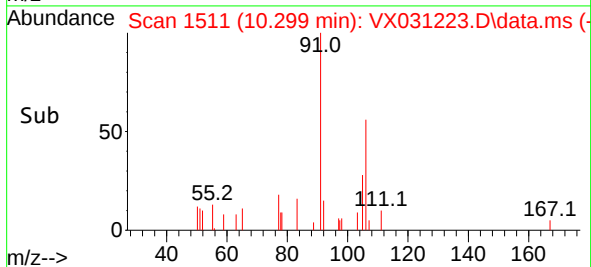
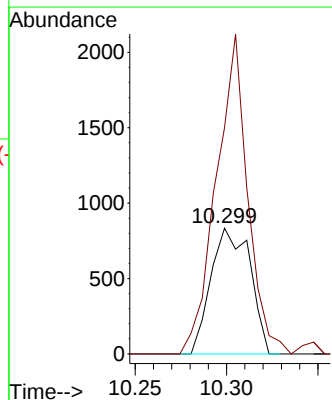
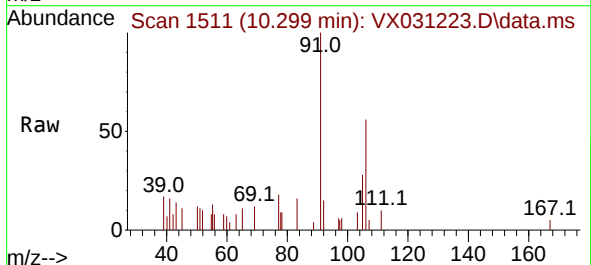
Instrument :
MSVOA_X
ClientSampleId :
CLI-107

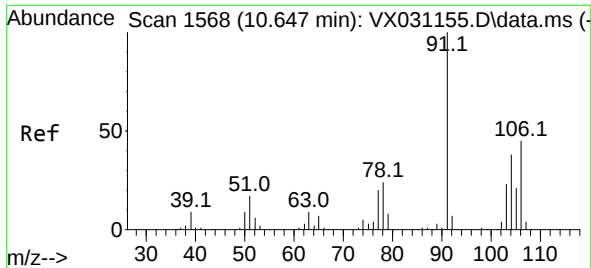
Tgt Ion:117 Resp: 101948
Ion Ratio Lower Upper
117 100
82 63.1 42.7 64.1
119 33.2 25.4 38.2



#68
m/p-Xylenes
Concen: 0.616 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

Tgt Ion:106 Resp: 1243
Ion Ratio Lower Upper
106 100
91 204.1 158.2 237.4

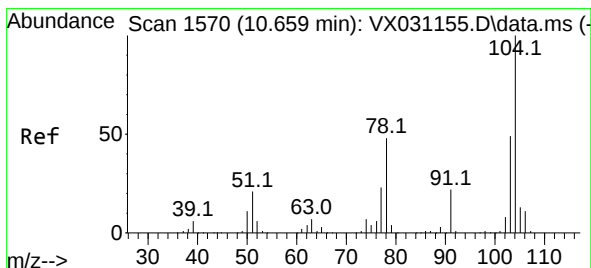
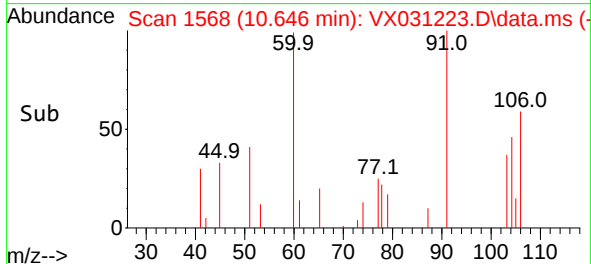
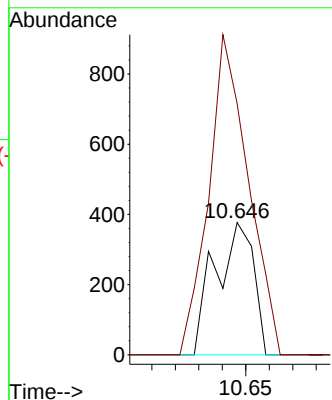
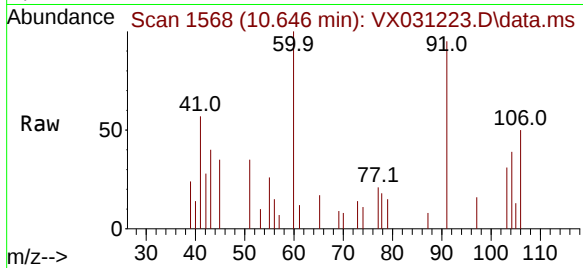




#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

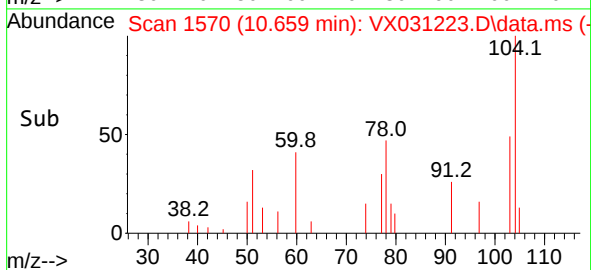
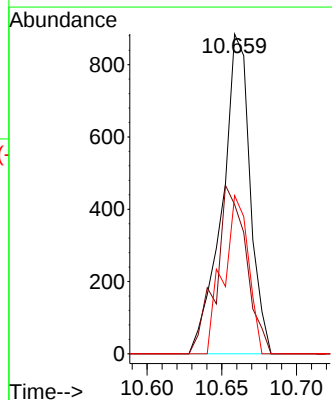
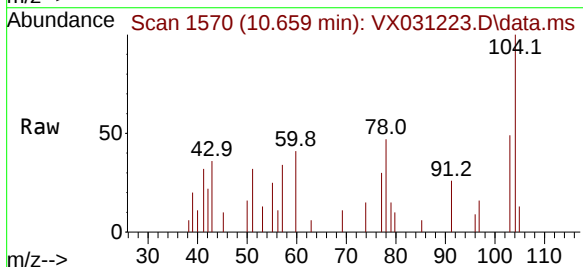
Instrument :
MSVOA_X
ClientSampleId :
CLI-107

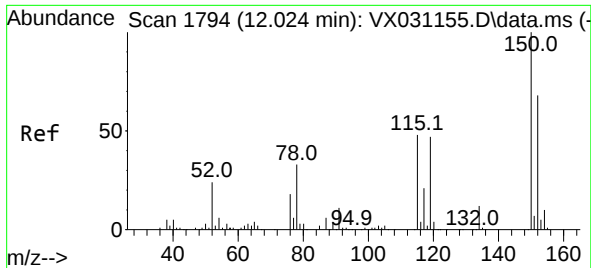
Tgt Ion:106 Resp: 428
Ion Ratio Lower Upper
106 100
91 249.3 103.8 311.6



#70
Styrene
Concen: 0.355 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031223.D
Acq: 08 Sep 2022 19:48

Tgt Ion:104 Resp: 1147
Ion Ratio Lower Upper
104 100
78 56.8 37.8 56.8#
103 44.6 44.5 66.7

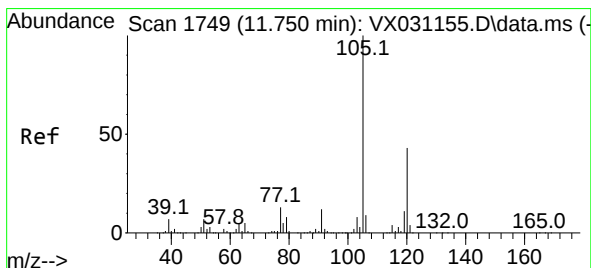
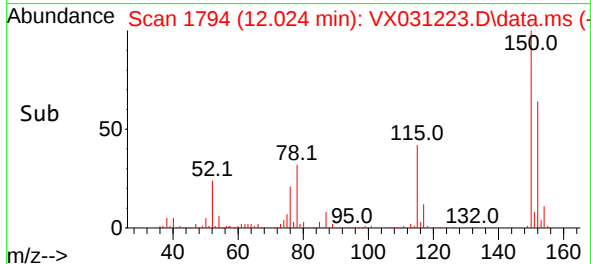
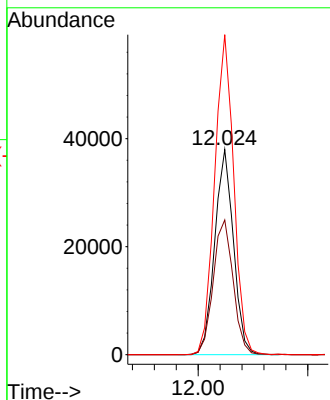
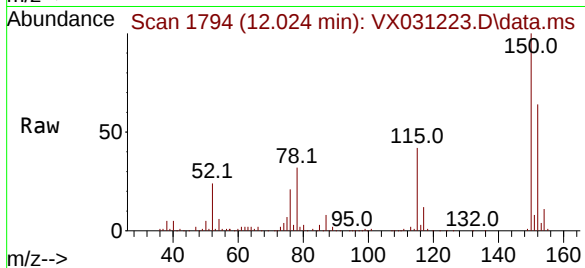




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX031223.D
 Acq: 08 Sep 2022 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-107

Tgt Ion:152 Resp: 45221
 Ion Ratio Lower Upper
 152 100
 115 69.7 40.5 121.5
 150 158.5 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.461 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX031223.D
 Acq: 08 Sep 2022 19:48

Tgt Ion:105 Resp: 1480
 Ion Ratio Lower Upper
 105 100
 120 31.0 22.9 68.8

