

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031227.D
 Acq On : 08 Sep 2022 21:22
 Operator : JC/MD
 Sample : N4505-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-77

Quant Time: Sep 09 01:11:48 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)

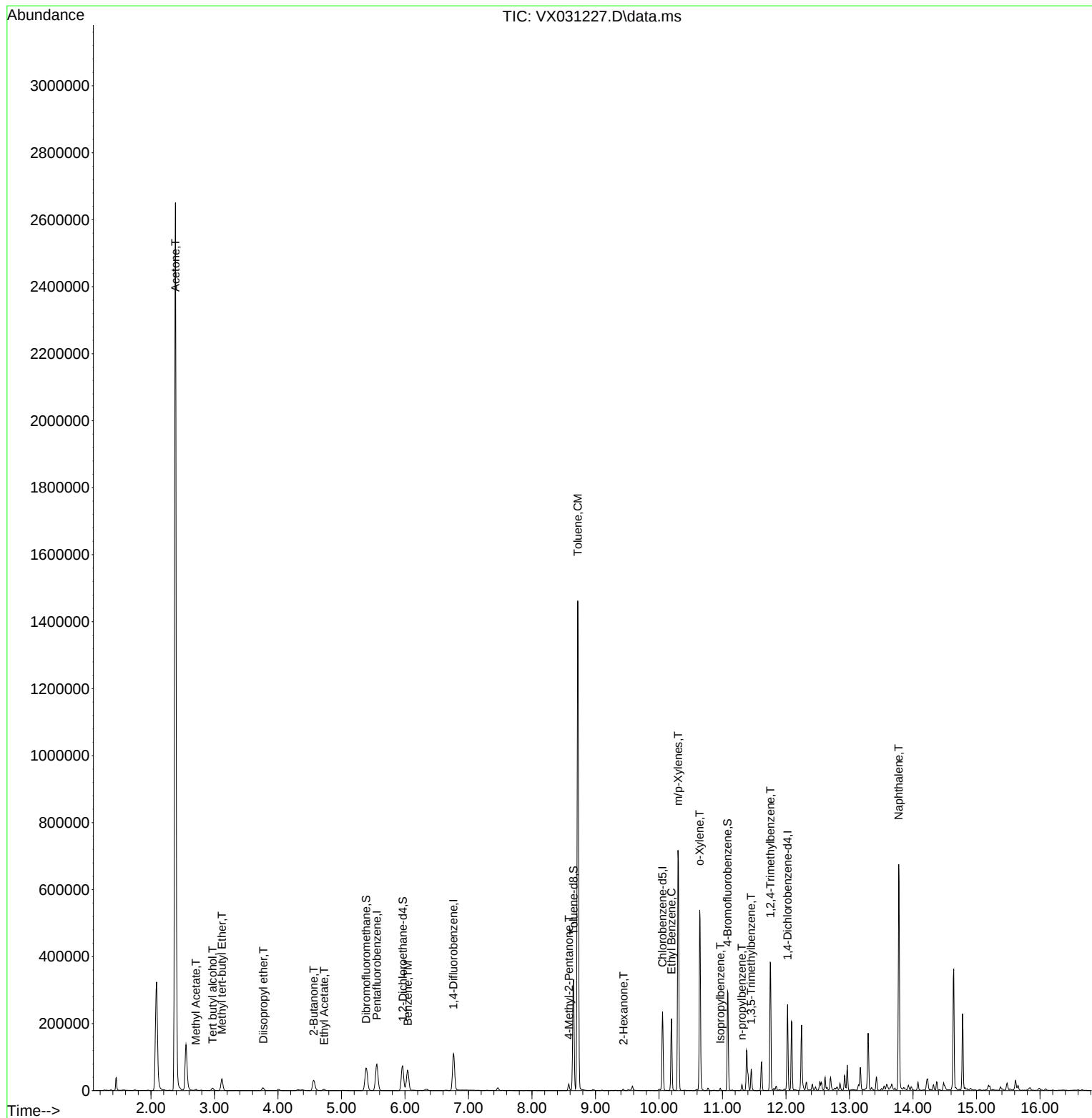
Internal Standards						
1) Pentafluorobenzene	5.556	168	65945	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	110302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	82770	53.014	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.020%	
35) Dibromofluoromethane	5.385	113	60413	50.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	201959	46.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.500%	
62) 4-Bromofluorobenzene	11.079	95	82362	51.463	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.920%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	9787	9.393	ug/l	# 93
16) Acetone	2.386	43	2856962	5284.876	ug/l	89
18) Methyl Acetate	2.709	43	3737	2.670	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	40257	10.180	ug/l	92
22) Diisopropyl ether	3.770	45	7778	2.476	ug/l	# 76
25) 2-Butanone	4.562	43	51587	64.424	ug/l	96
37) Ethyl Acetate	4.727	43	6988	4.376	ug/l	# 88
40) Benzene	6.044	78	75386	15.416	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	9768	6.336	ug/l	92
52) Toluene	8.720	92	530975	164.629	ug/l	98
59) 2-Hexanone	9.439	43	2494	2.139	ug/l	99
67) Ethyl Benzene	10.195	91	121206	22.399	ug/l	96
68) m/p-Xylenes	10.299	106	159258	79.394	ug/l	85
69) o-Xylene	10.640	106	111136	55.513	ug/l	84
73) Isopropylbenzene	10.964	105	3520	0.836	ug/l	99
78) n-propylbenzene	11.305	91	10682	2.225	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	27544	7.778	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	175534	50.987	ug/l	94
95) Naphthalene	13.774	128	400857	104.870	ug/l	99

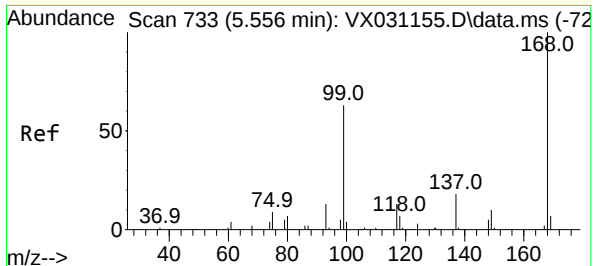
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
Data File : VX031227.D
Acq On : 08 Sep 2022 21:22
Operator : JC/MD
Sample : N4505-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-77

Quant Time: Sep 09 01:11:48 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

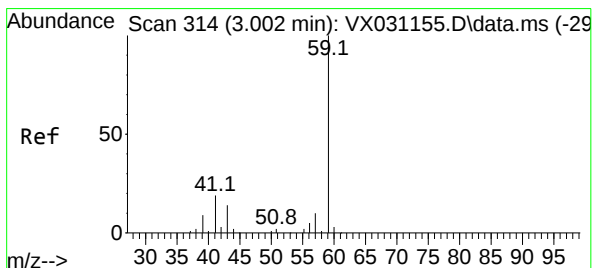
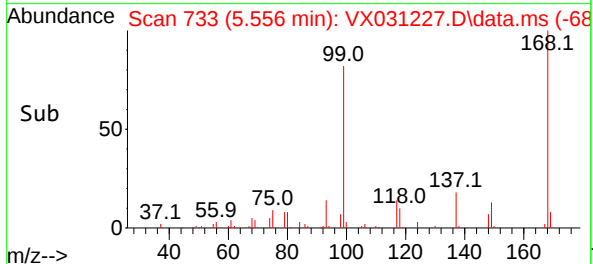
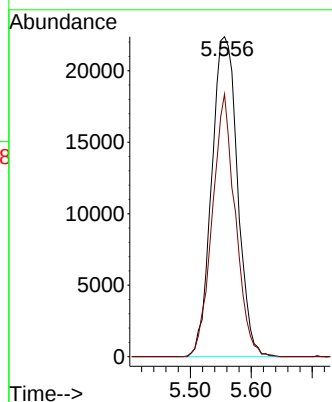
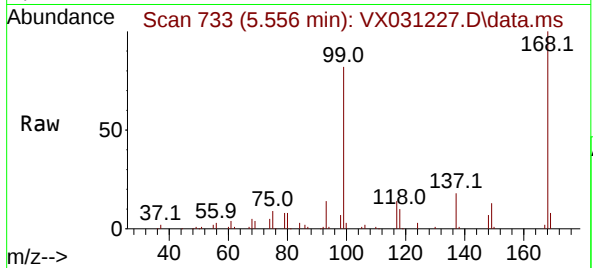




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

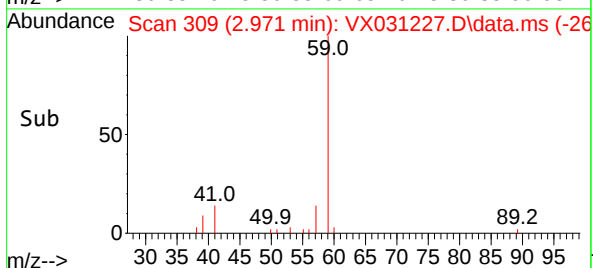
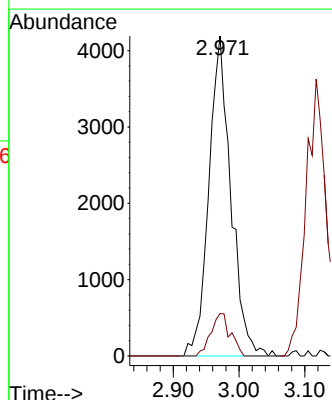
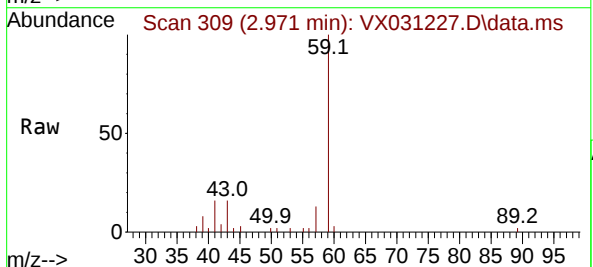
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

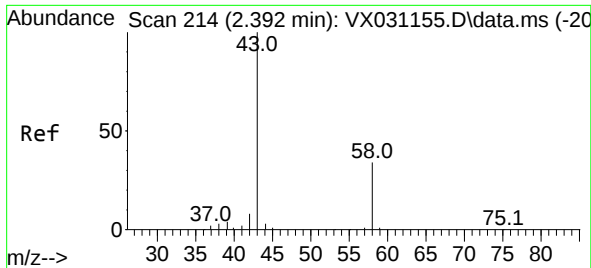
Tgt Ion:168 Resp: 65945
Ion Ratio Lower Upper
168 100
99 82.1 44.0 66.0#



#11
Tert butyl alcohol
Concen: 9.393 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.031 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion: 59 Resp: 9787
Ion Ratio Lower Upper
59 100
57 11.7 7.4 11.2#

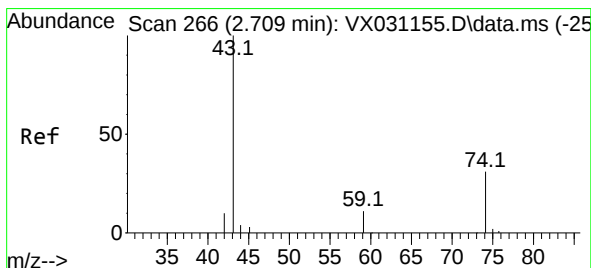
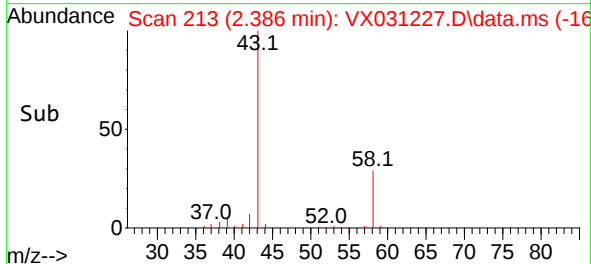
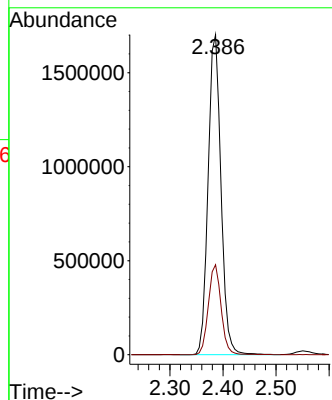
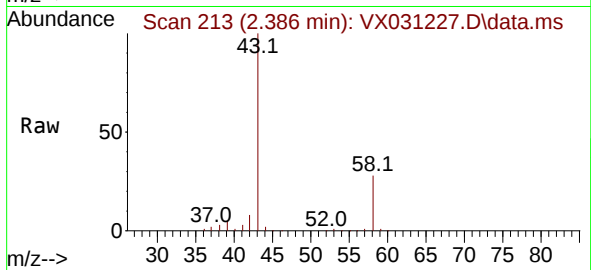




#16
Acetone
Concen: 5284.876 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

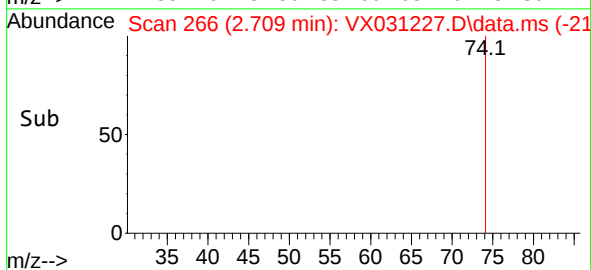
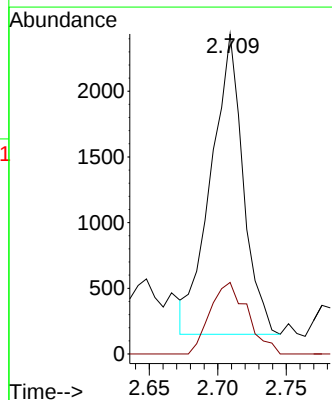
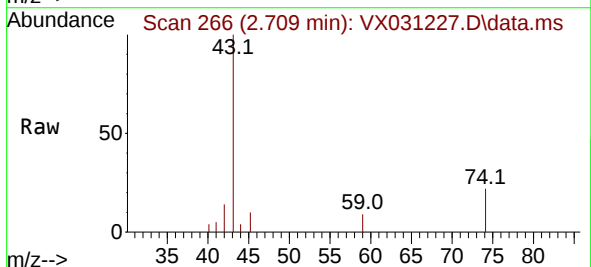
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

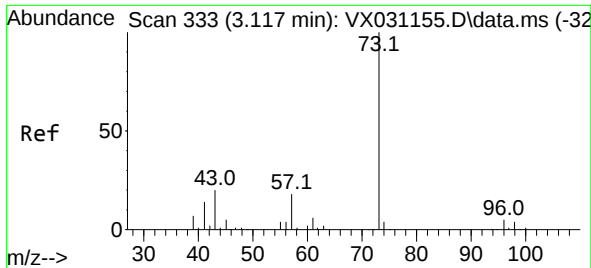
Tgt Ion: 43 Resp: 2856962
Ion Ratio Lower Upper
43 100
58 28.1 27.7 41.5



#18
Methyl Acetate
Concen: 2.670 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
74 27.8 19.4 29.2

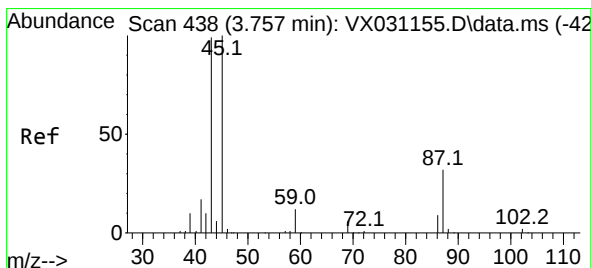
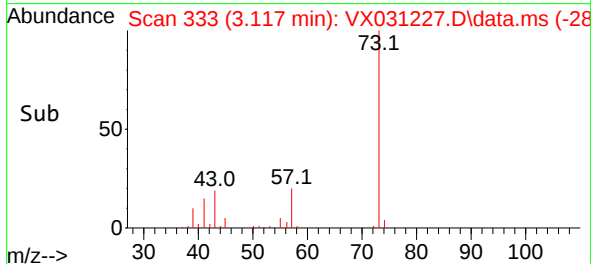
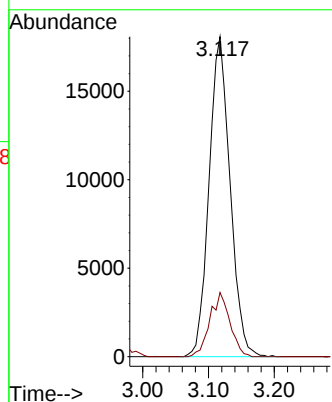
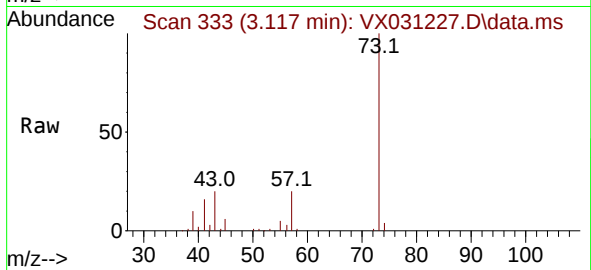




#19
Methyl tert-butyl Ether
Concen: 10.180 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

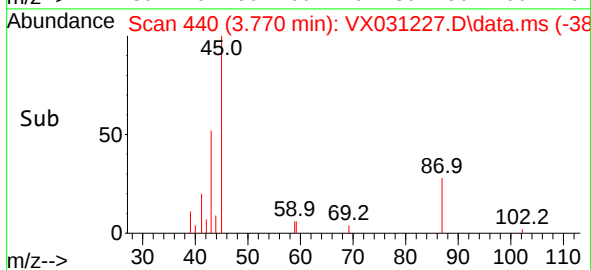
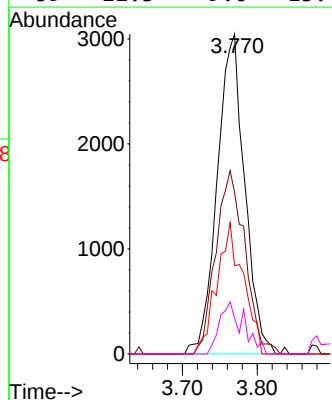
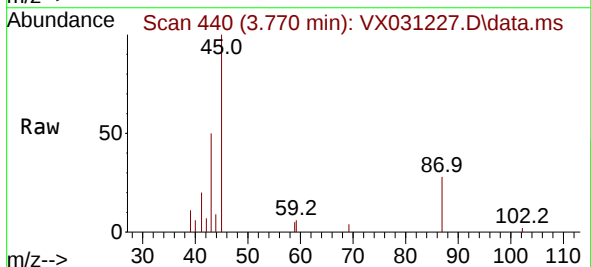
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

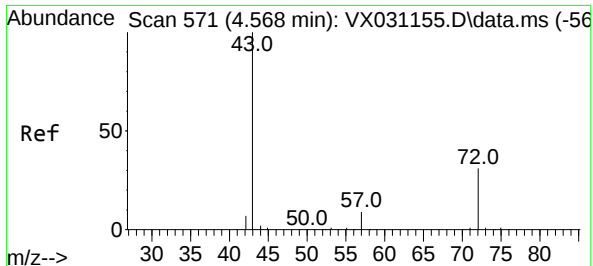
Tgt Ion: 73 Resp: 40257
Ion Ratio Lower Upper
73 100
57 20.1 19.0 28.6



#22
Diisopropyl ether
Concen: 2.476 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion: 45 Resp: 7778
Ion Ratio Lower Upper
45 100
43 50.5 65.4 98.0#
87 27.6 22.3 33.5
59 11.3 9.0 13.4





#25

2-Butanone

Concen: 64.424 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031227.D

Acq: 08 Sep 2022 21:22

Instrument :

MSVOA_X

ClientSampleId :

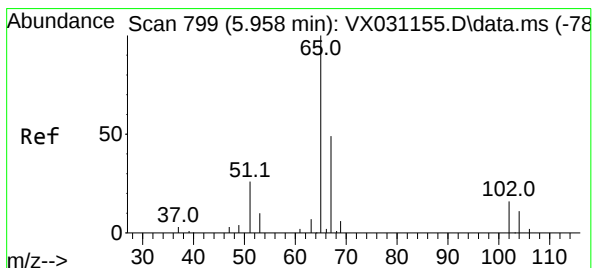
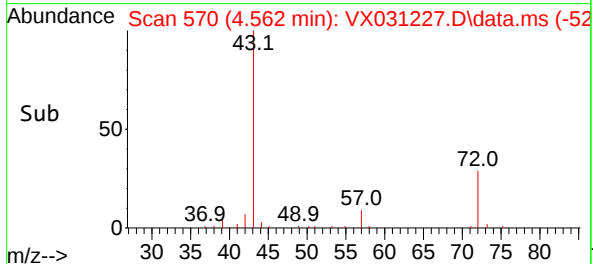
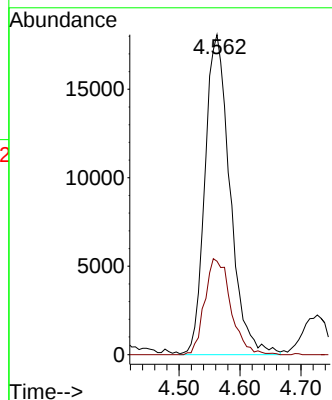
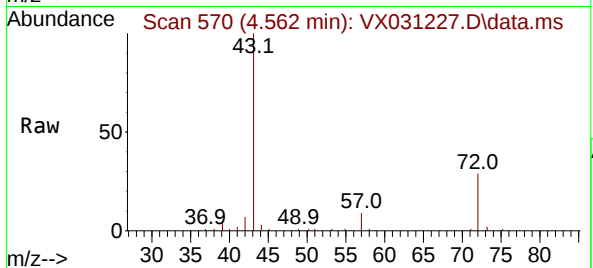
CLI-77

Tgt Ion: 43 Resp: 51587

Ion Ratio Lower Upper

43 100

72 29.3 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 53.014 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031227.D

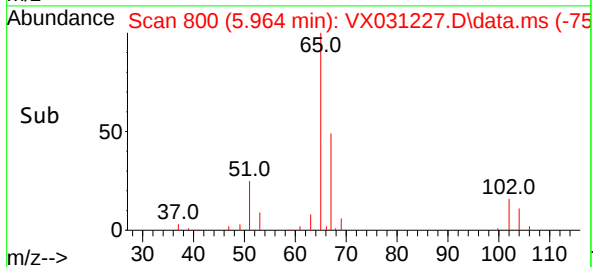
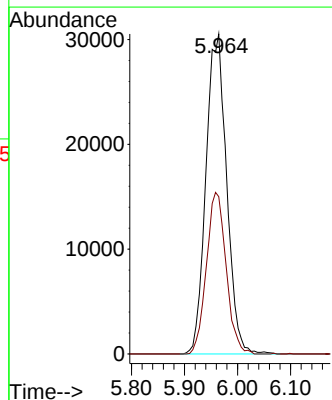
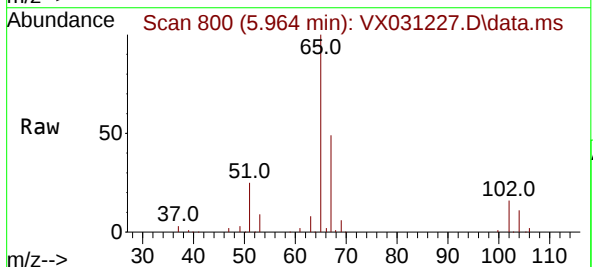
Acq: 08 Sep 2022 21:22

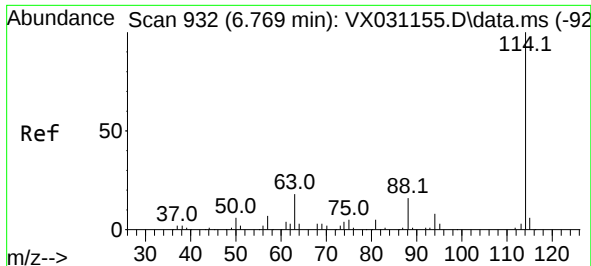
Tgt Ion: 65 Resp: 82770

Ion Ratio Lower Upper

65 100

67 48.1 0.0 109.6

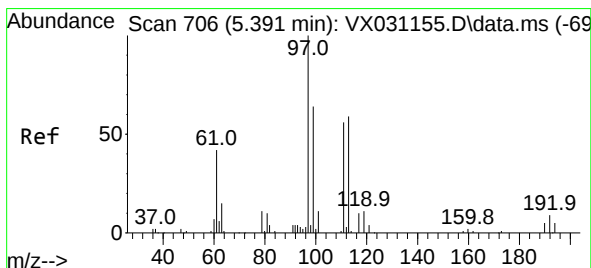
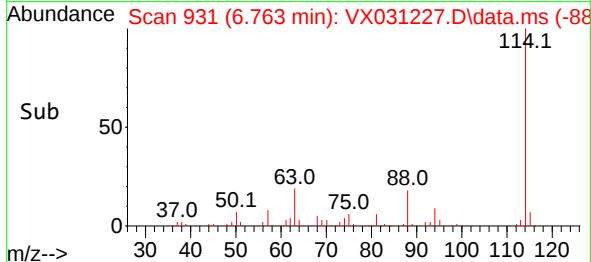
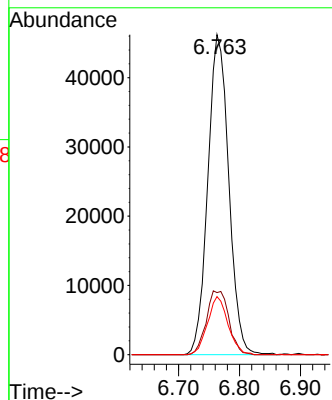
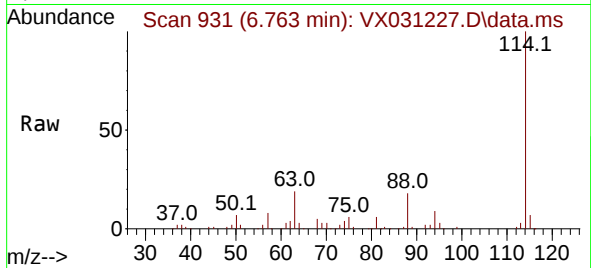




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

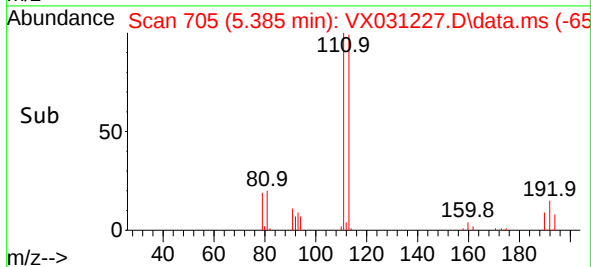
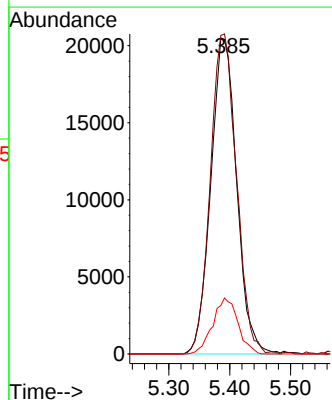
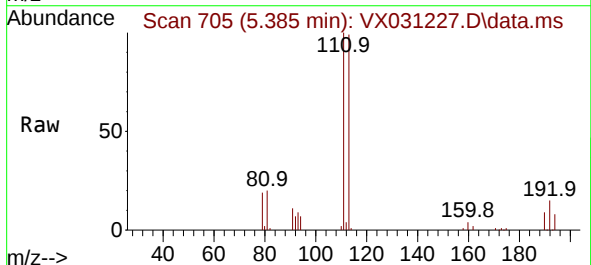
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

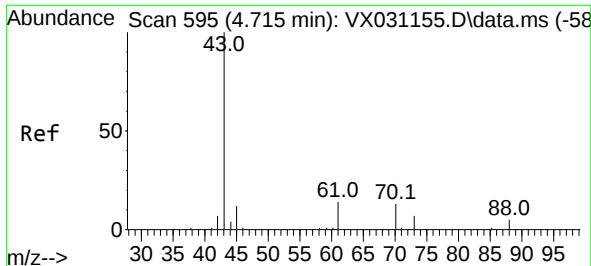
Tgt Ion:114 Resp: 110302
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 18.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.261 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion:113 Resp: 60413
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.3 14.8 22.2





#37

Ethyl Acetate

Concen: 4.376 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX031227.D

Acq: 08 Sep 2022 21:22

Instrument :

MSVOA_X

ClientSampleId :

CLI-77

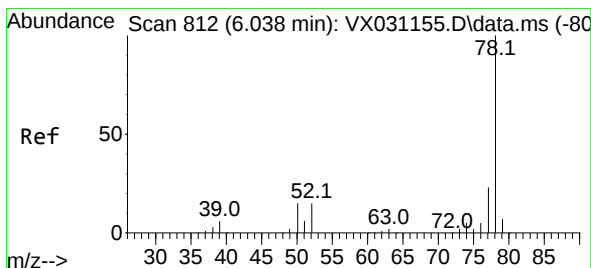
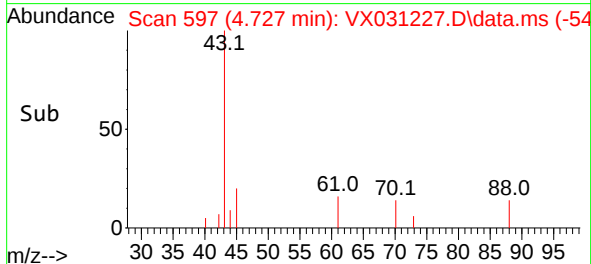
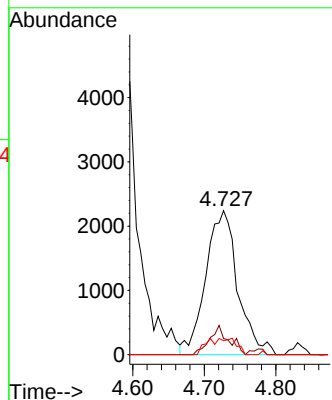
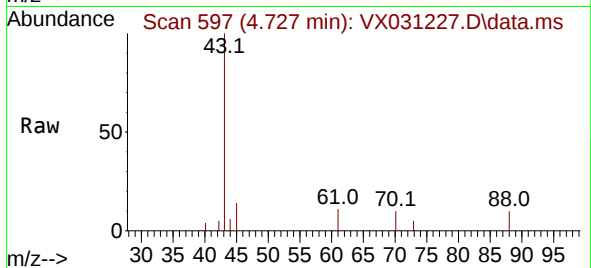
Tgt Ion: 43 Resp: 6988

Ion Ratio Lower Upper

43 100

61 12.1 11.7 17.5

70 3.8 9.3 13.9#



#40

Benzene

Concen: 15.416 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX031227.D

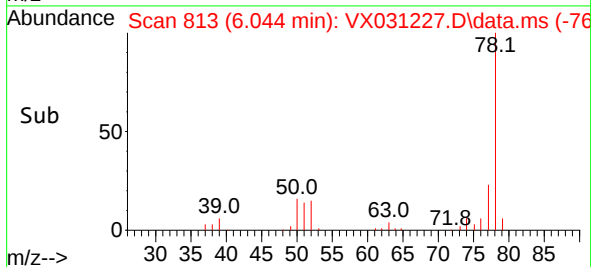
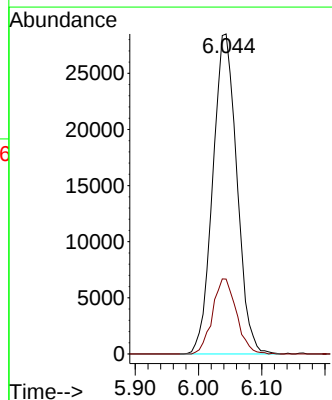
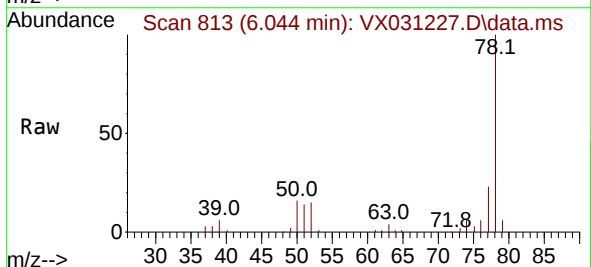
Acq: 08 Sep 2022 21:22

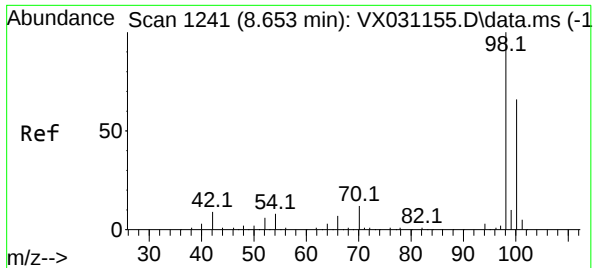
Tgt Ion: 78 Resp: 75386

Ion Ratio Lower Upper

78 100

77 23.4 18.0 27.0

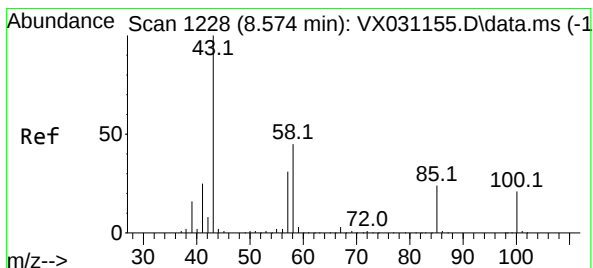
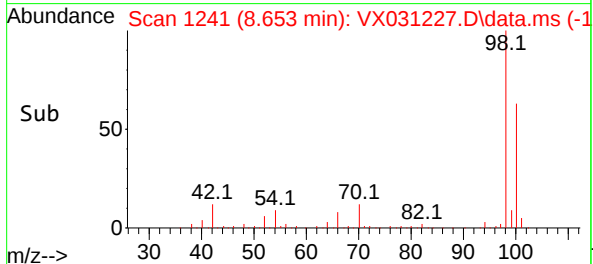
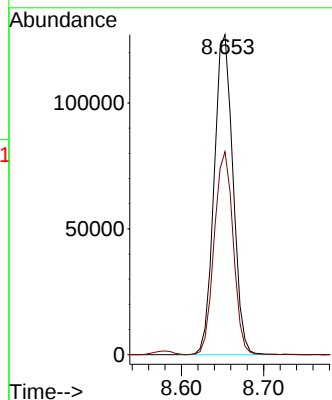
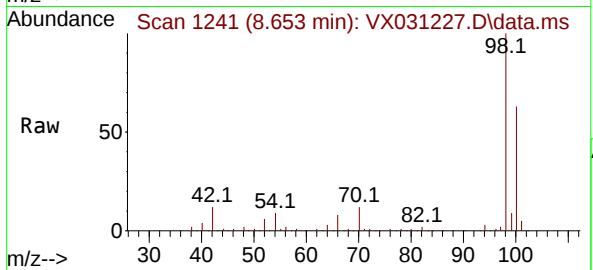




#50
Toluene-d8
Concen: 46.245 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

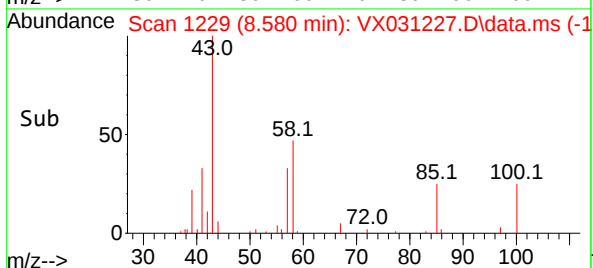
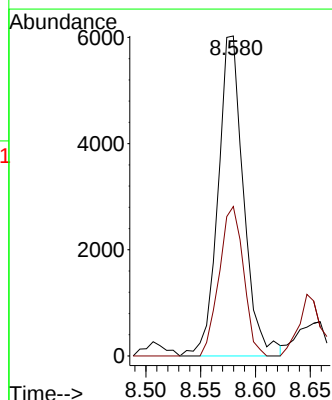
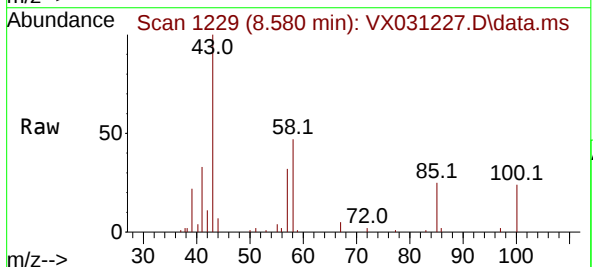
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

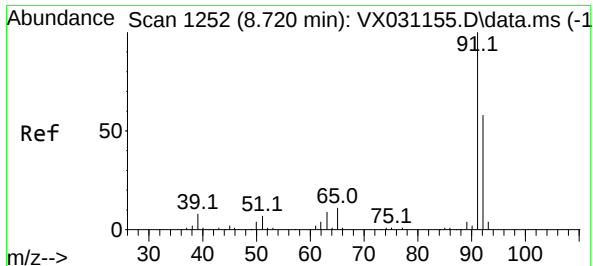
Tgt Ion: 98 Resp: 201959
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 6.336 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion: 43 Resp: 9768
Ion Ratio Lower Upper
43 100
58 44.5 31.4 47.2

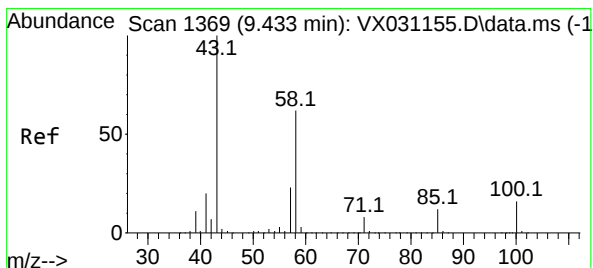
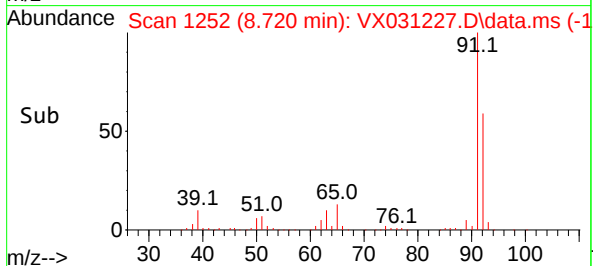
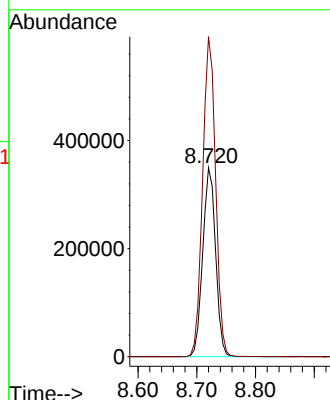
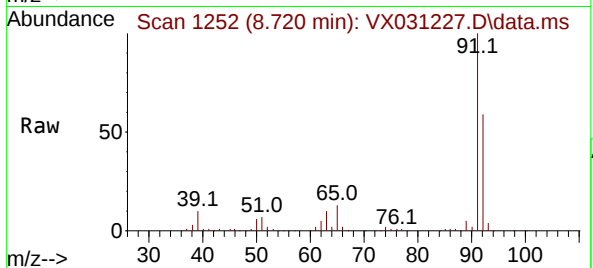




#52
Toluene
Concen: 164.629 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

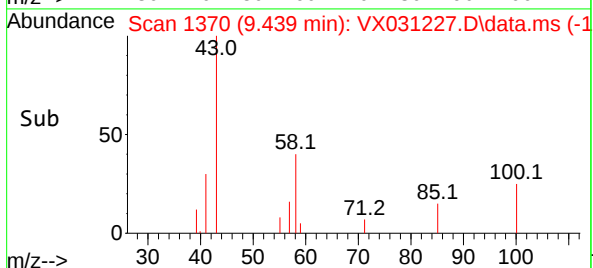
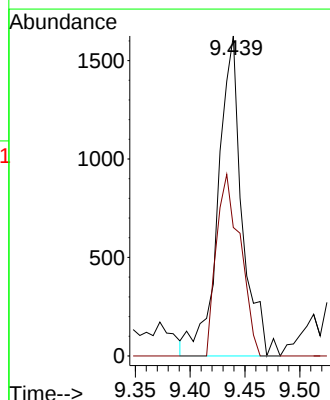
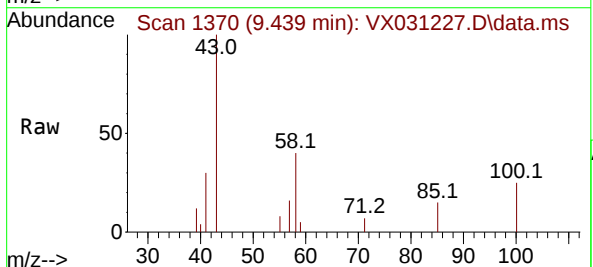
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

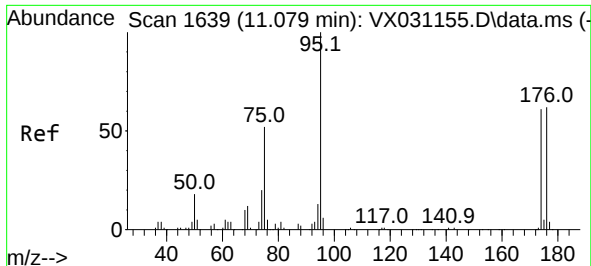
Tgt Ion: 92 Resp: 530975
Ion Ratio Lower Upper
92 100
91 170.8 139.2 208.8



#59
2-Hexanone
Concen: 2.139 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion: 43 Resp: 2494
Ion Ratio Lower Upper
43 100
58 56.1 27.6 82.8





#62

4-Bromofluorobenzene

Concen: 51.463 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031227.D

Acq: 08 Sep 2022 21:22

Instrument :

MSVOA_X

ClientSampleId :

CLI-77

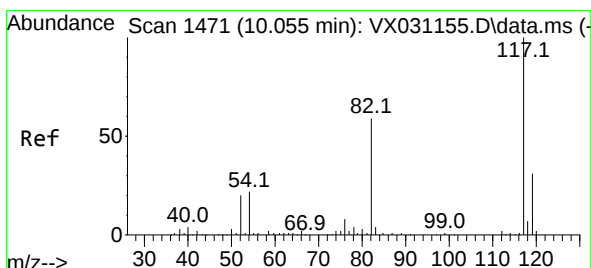
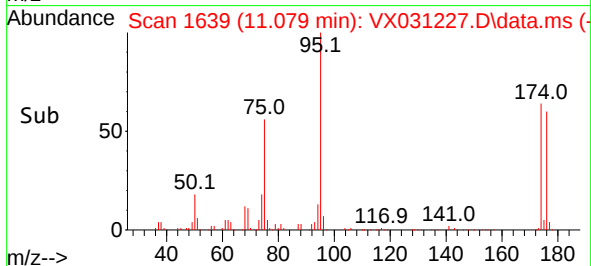
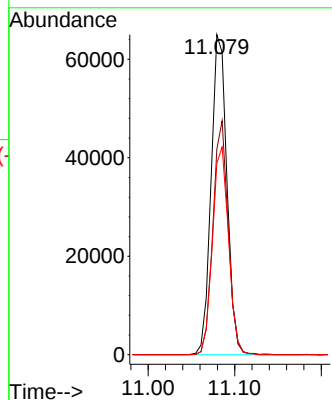
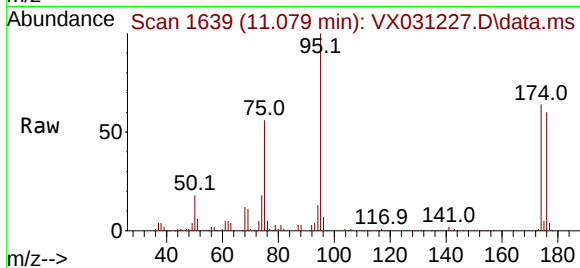
Tgt Ion: 95 Resp: 82362

Ion Ratio Lower Upper

95 100

174 70.7 0.0 149.0

176 65.9 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: VX031227.D

Acq: 08 Sep 2022 21:22

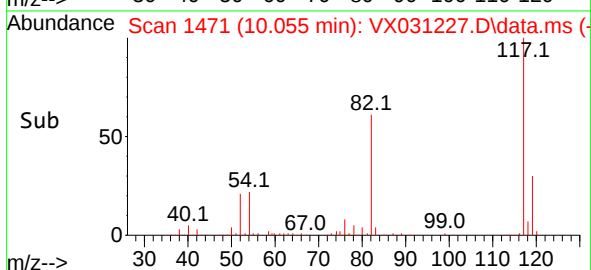
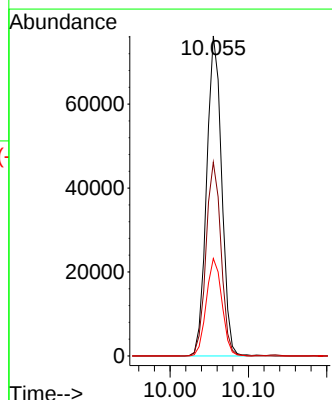
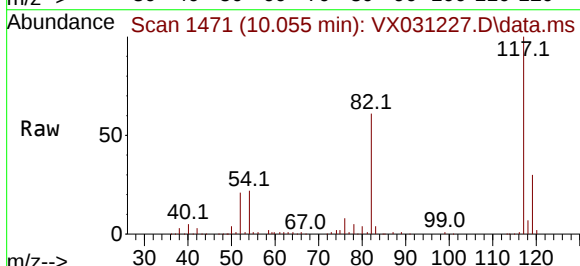
Tgt Ion: 117 Resp: 101418

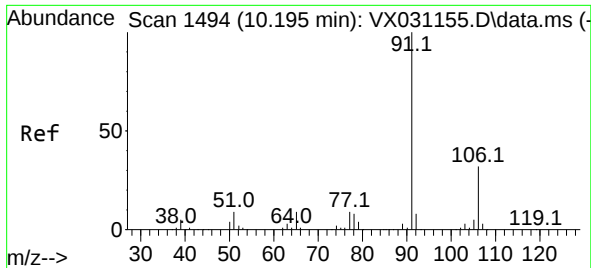
Ion Ratio Lower Upper

117 100

82 60.5 42.7 64.1

119 30.5 25.4 38.2

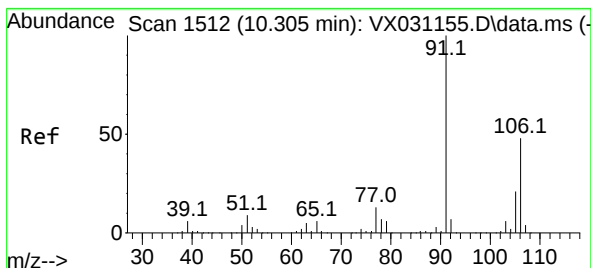
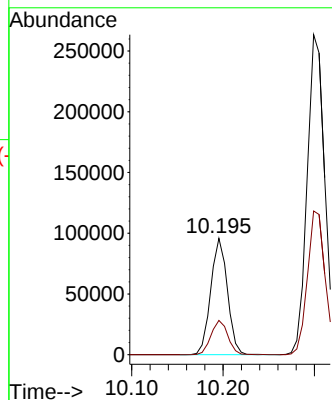
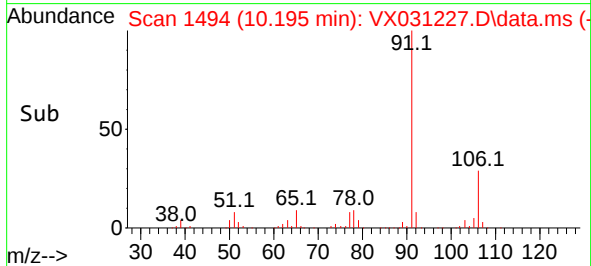
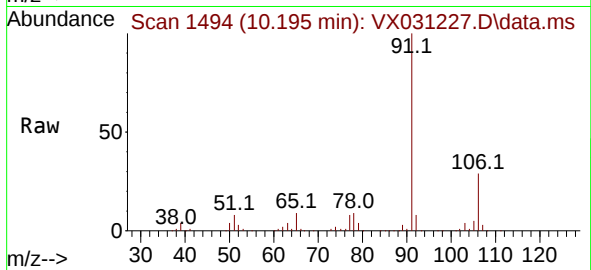




#67
Ethyl Benzene
Concen: 22.399 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

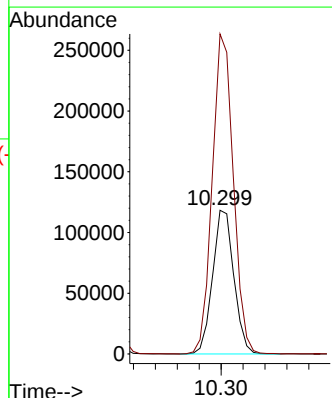
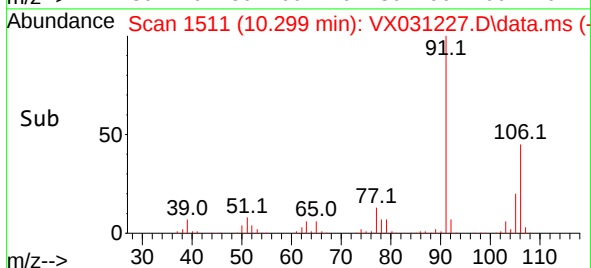
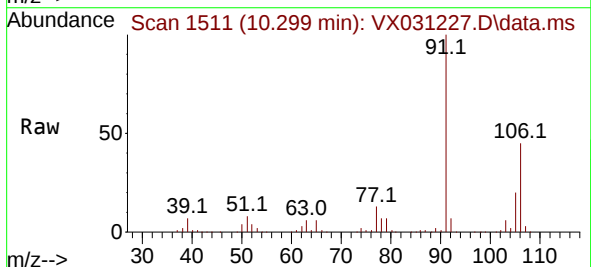
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

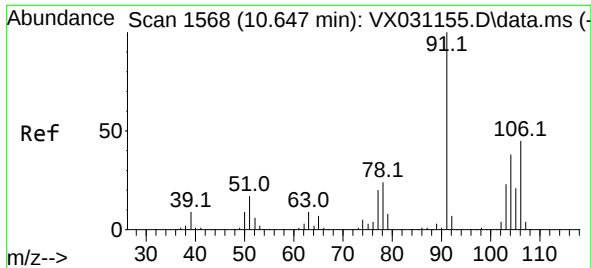
Tgt Ion: 91 Resp: 121206
Ion Ratio Lower Upper
91 100
106 29.4 25.5 38.3



#68
m/p-Xylenes
Concen: 79.394 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion:106 Resp: 159258
Ion Ratio Lower Upper
106 100
91 220.9 158.2 237.4

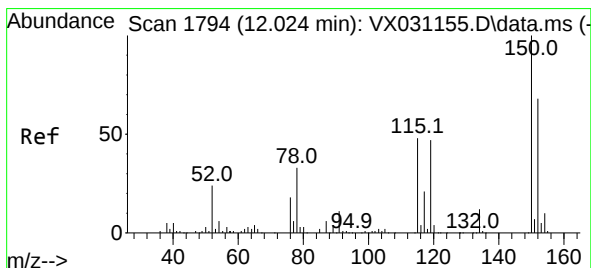
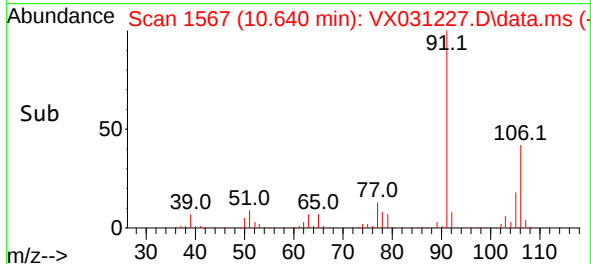
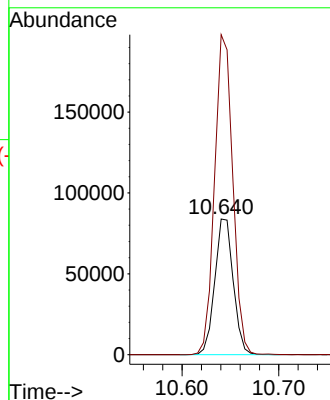
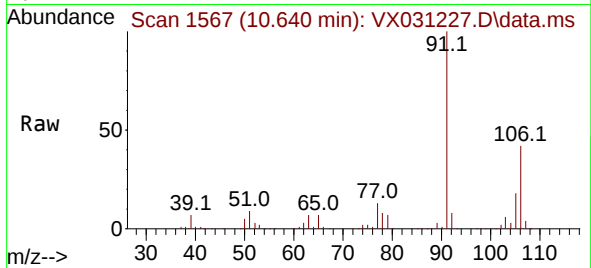




#69
o-Xylene
Concen: 55.513 ug/l
RT: 10.640 min Scan# 111136
Delta R.T. -0.006 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

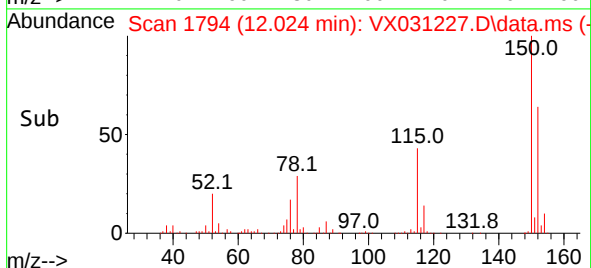
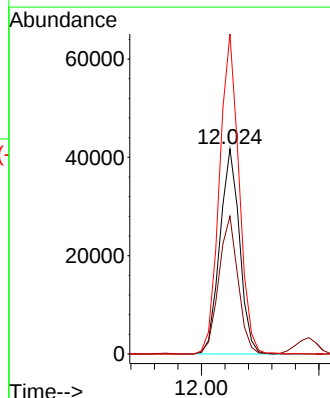
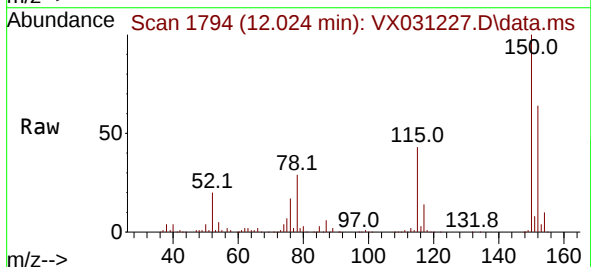
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

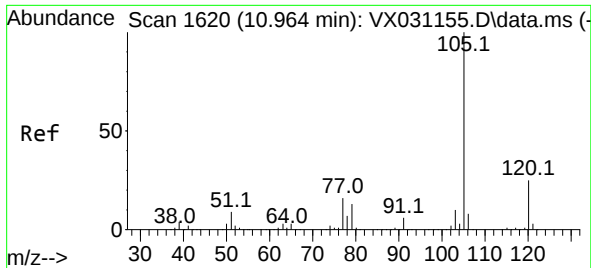
Tgt Ion:106 Resp: 111136
Ion Ratio Lower Upper
106 100
91 232.5 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion:152 Resp: 48509
Ion Ratio Lower Upper
152 100
115 66.1 40.5 121.5
150 155.2 0.0 347.0

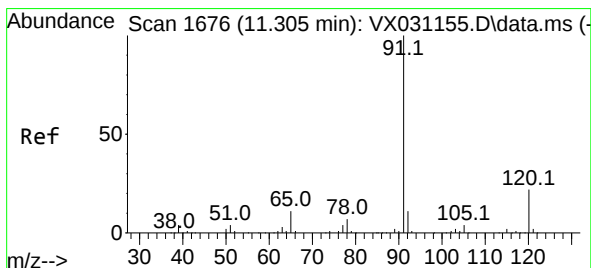
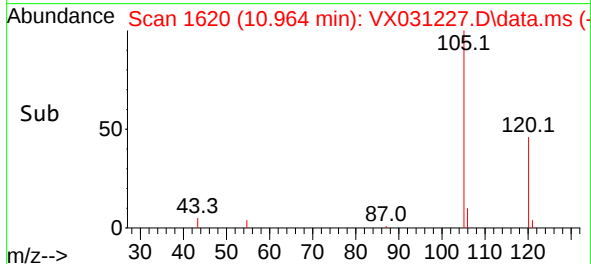
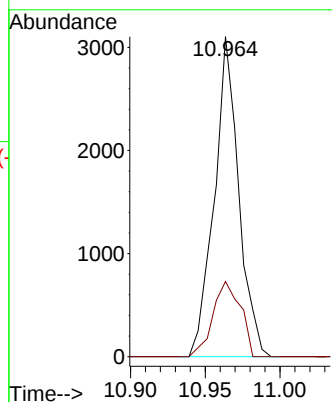
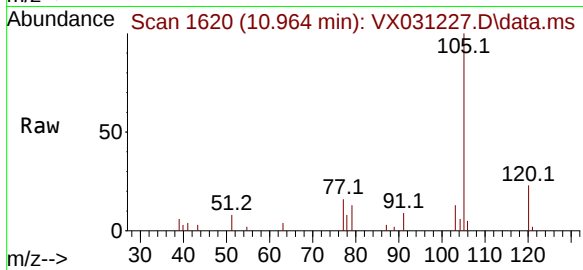




#73
Isopropylbenzene
Concen: 0.836 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

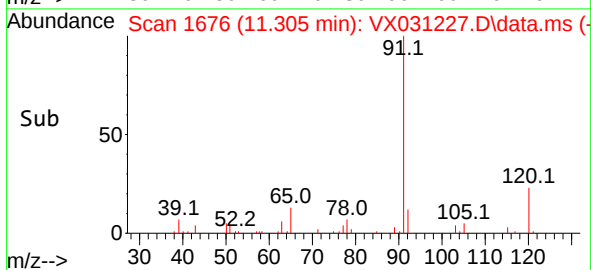
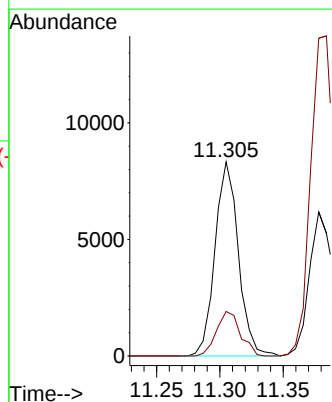
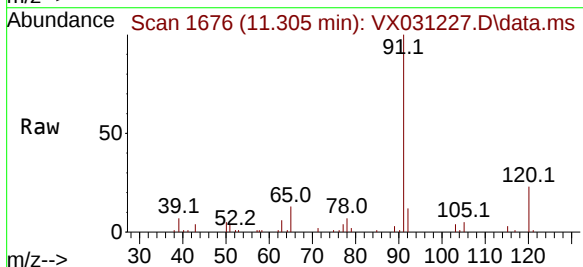
Instrument :
MSVOA_X
ClientSampleId :
CLI-77

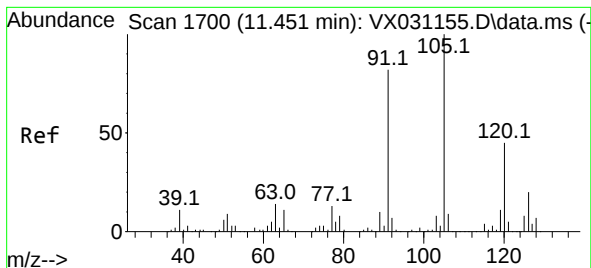
Tgt Ion:105 Resp: 3520
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#78
n-propylbenzene
Concen: 2.225 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Tgt Ion: 91 Resp: 10682
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 7.778 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031227.D

Acq: 08 Sep 2022 21:22

Instrument :

MSVOA_X

ClientSampleId :

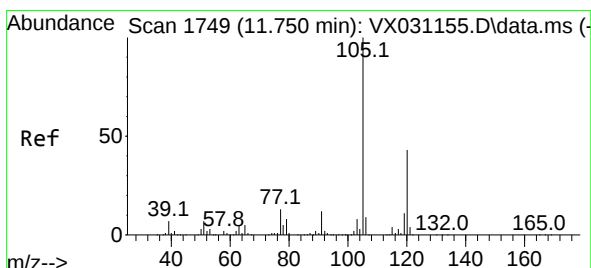
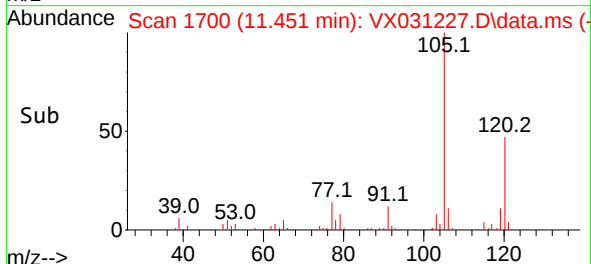
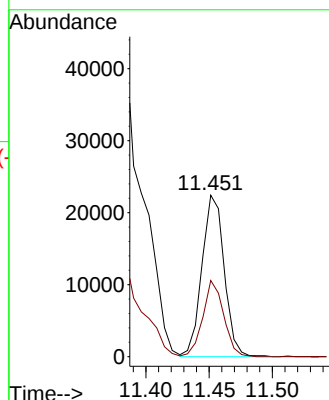
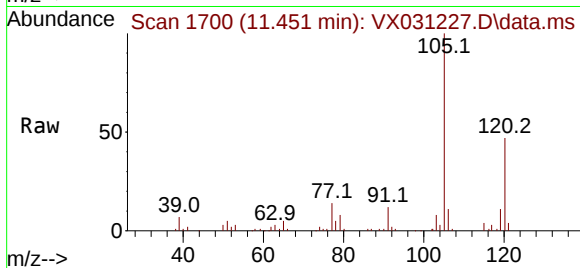
CLI-77

Tgt Ion:105 Resp: 27544

Ion Ratio Lower Upper

105 100

120 44.2 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 50.987 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX031227.D

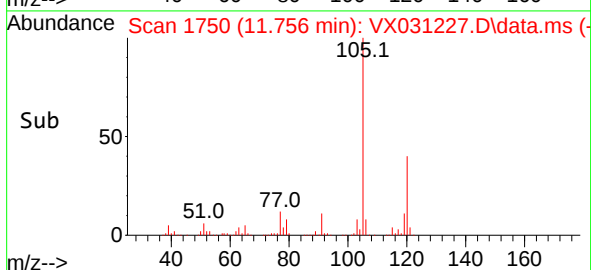
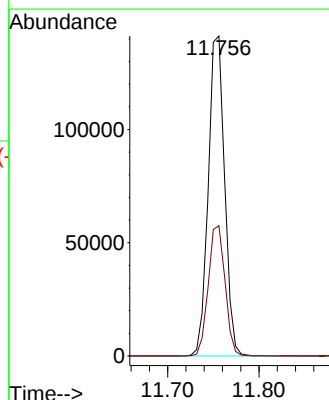
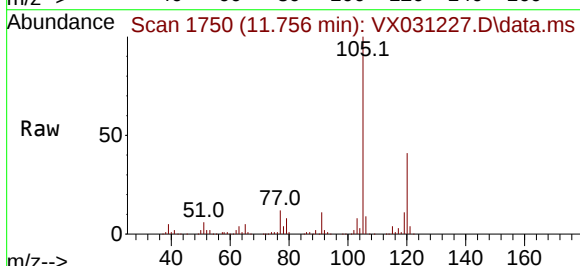
Acq: 08 Sep 2022 21:22

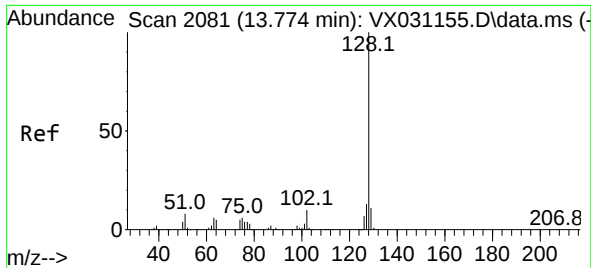
Tgt Ion:105 Resp: 175534

Ion Ratio Lower Upper

105 100

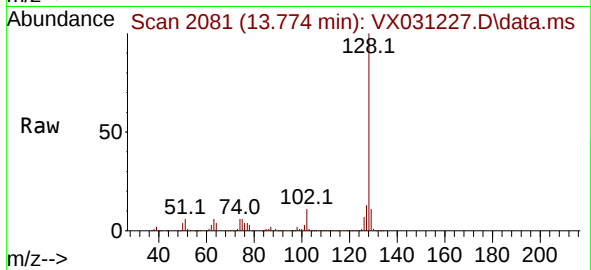
120 41.7 22.9 68.8





#95
Naphthalene
Concen: 104.870 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031227.D
Acq: 08 Sep 2022 21:22

Instrument :
MSVOA_X
ClientSampleId :
CLI-77



Tgt Ion:128 Resp: 400857
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.6 13.0

