

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031252.D
 Acq On : 09 Sep 2022 13:23
 Operator : JC/MD
 Sample : N4505-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-109DL

Quant Time: Sep 09 15:26:50 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)

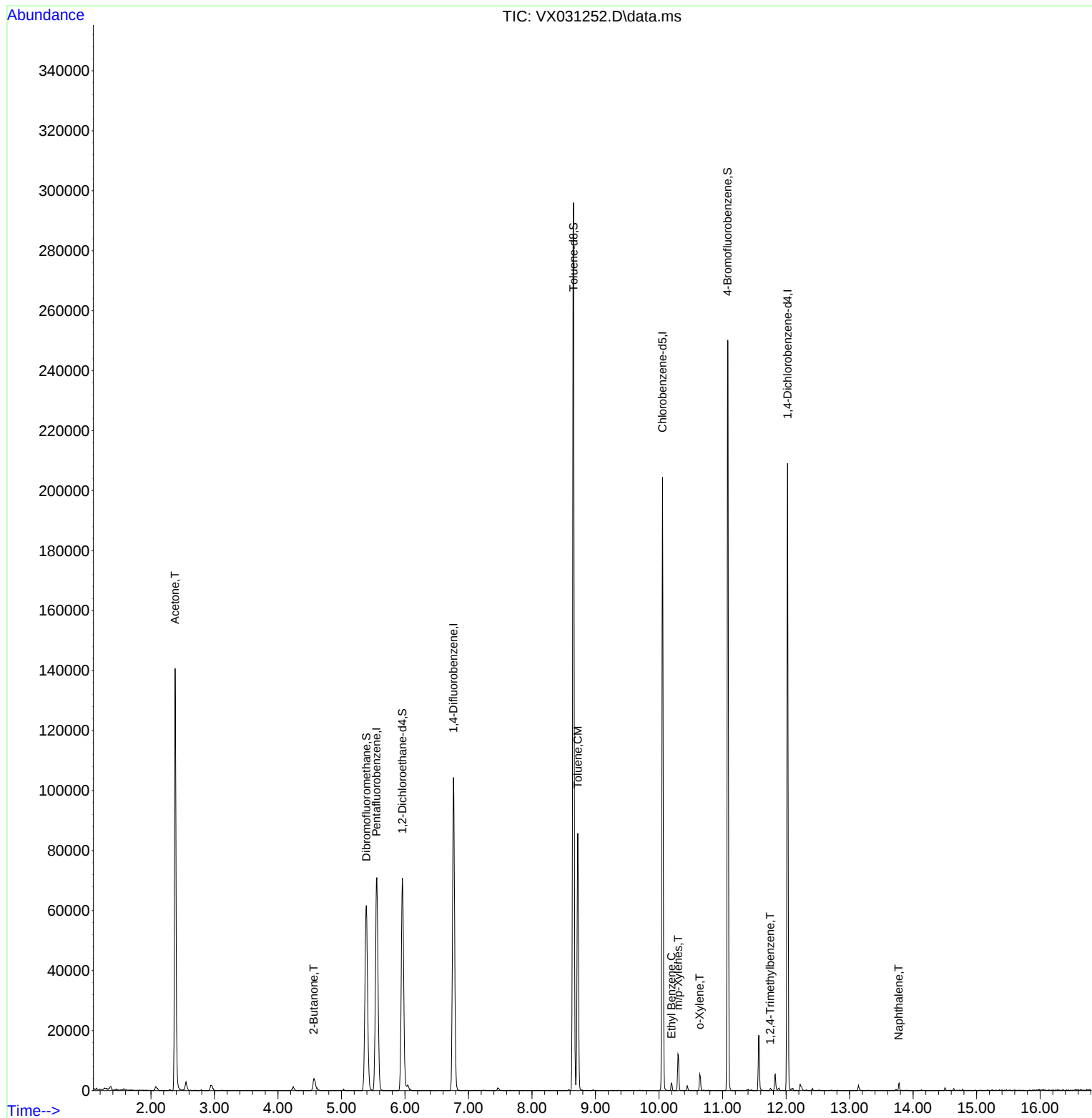
Internal Standards						
1) Pentafluorobenzene	5.550	168	56548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	99061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81034	60.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.060%
35) Dibromofluoromethane	5.391	113	53021	49.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.653	98	175756	44.812	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.620%
62) 4-Bromofluorobenzene	11.079	95	67344	46.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	146579	316.204	ug/l	# 86
25) 2-Butanone	4.562	43	5663	8.247	ug/l	91
52) Toluene	8.720	92	32089	11.078	ug/l	98
67) Ethyl Benzene	10.195	91	1741	0.386	ug/l	# 71
68) m/p-Xylenes	10.299	106	2779	1.661	ug/l	78
69) o-Xylene	10.640	106	1171	0.701	ug/l	79
84) 1,2,4-Trimethylbenzene	11.750	105	594	0.219	ug/l	91
95) Naphthalene	13.774	128	2031	0.673	ug/l	# 93

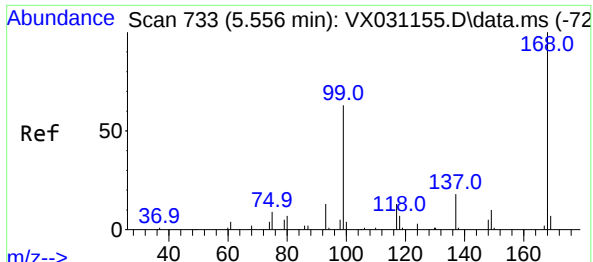
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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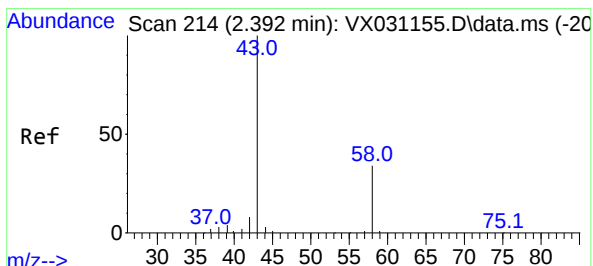
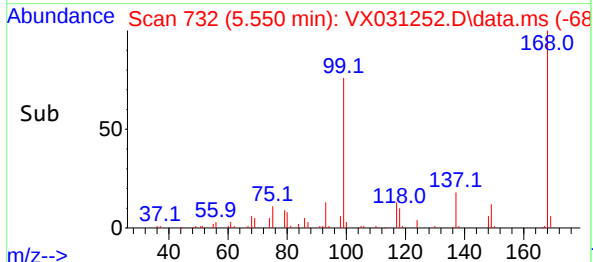
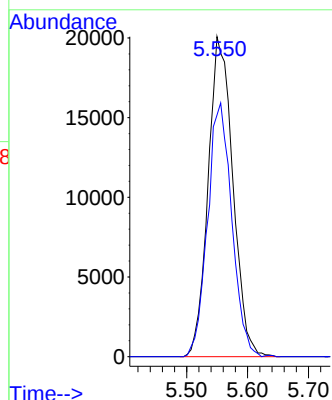
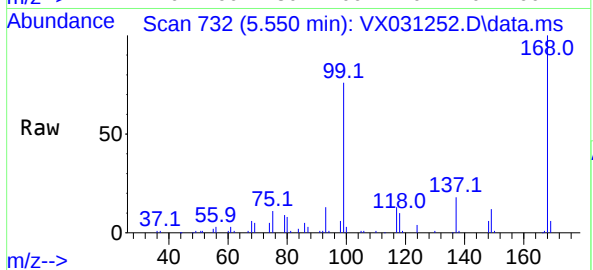




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

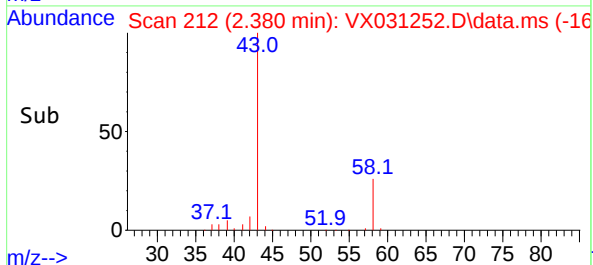
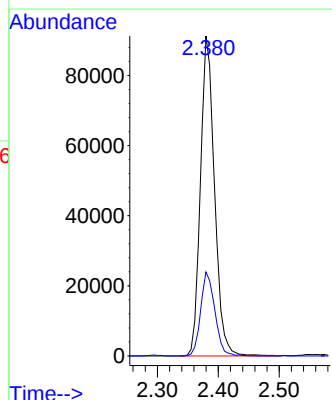
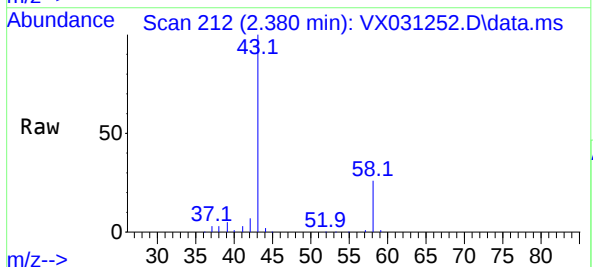
Instrument :
MSVOA_X
ClientSampleId :
CLI-109DL

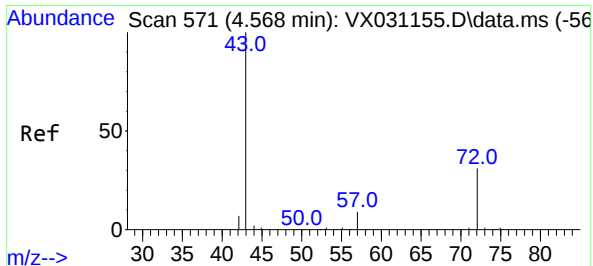
Tgt Ion:168 Resp: 56548
Ion Ratio Lower Upper
168 100
99 75.5 44.0 66.0#



#16
Acetone
Concen: 316.204 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

Tgt Ion: 43 Resp: 146579
Ion Ratio Lower Upper
43 100
58 26.3 27.7 41.5#





#25

2-Butanone

Concen: 8.247 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031252.D

Acq: 09 Sep 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

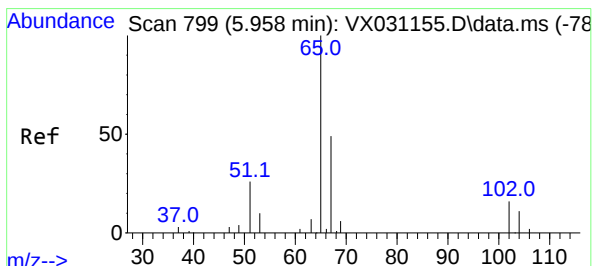
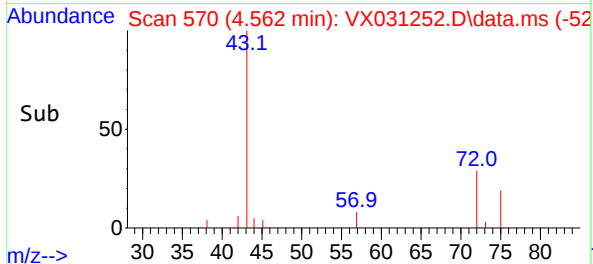
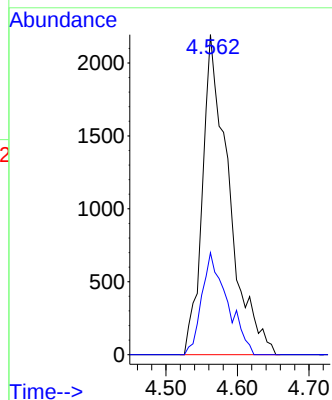
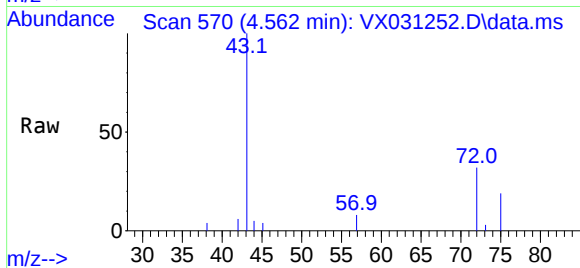
CLI-109DL

Tgt Ion: 43 Resp: 5663

Ion Ratio Lower Upper

43 100

72 31.9 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 60.527 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031252.D

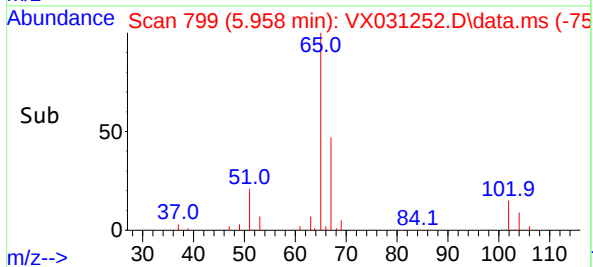
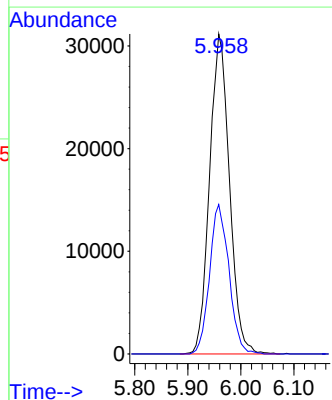
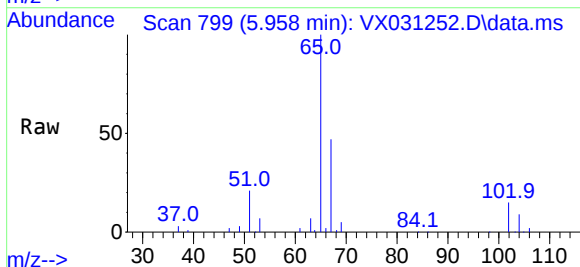
Acq: 09 Sep 2022 13:23

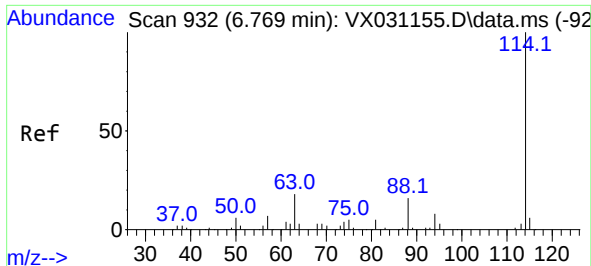
Tgt Ion: 65 Resp: 81034

Ion Ratio Lower Upper

65 100

67 45.5 0.0 109.6

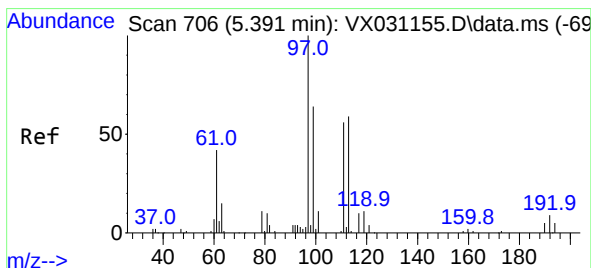
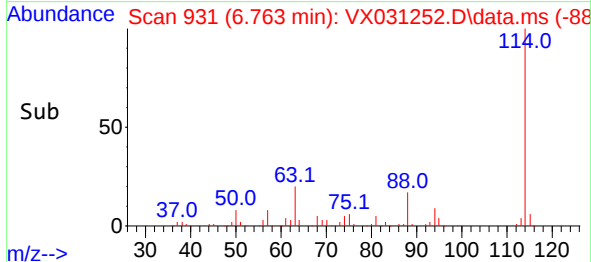
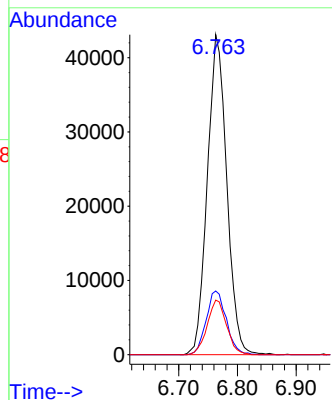
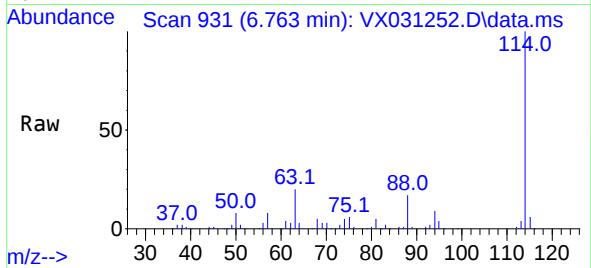




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

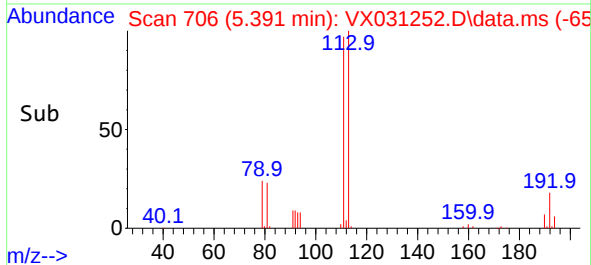
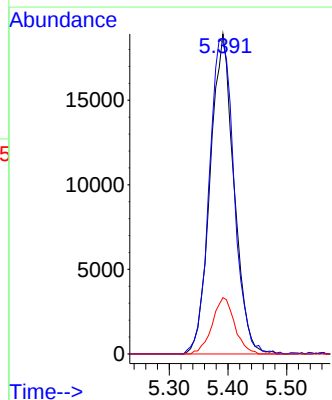
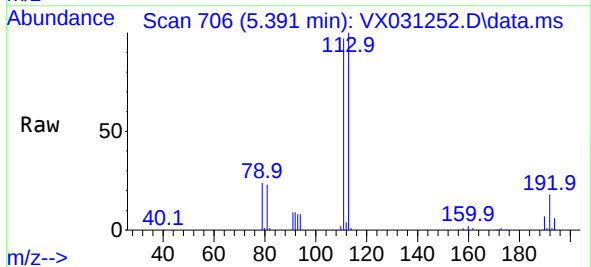
Instrument :
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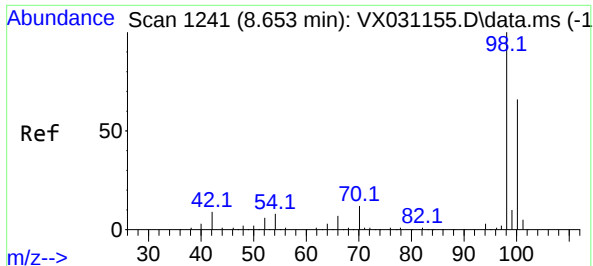
Tgt Ion:114 Resp: 99061
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.4
88 17.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

Tgt Ion:113 Resp: 53021
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 16.7 14.8 22.2





#50

Toluene-d8

Concen: 44.812 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031252.D

Acq: 09 Sep 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

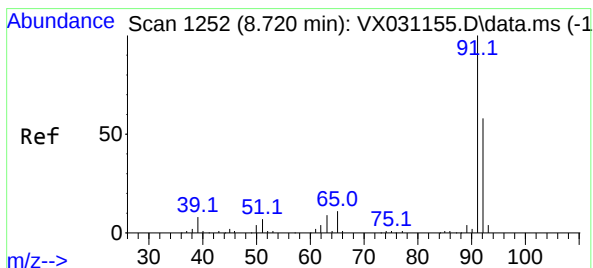
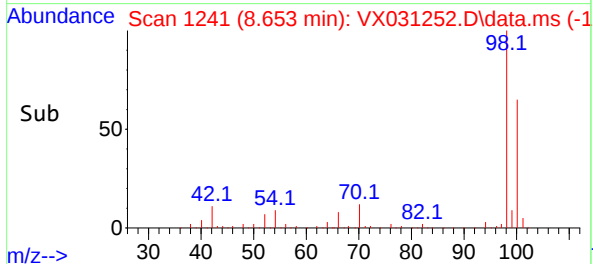
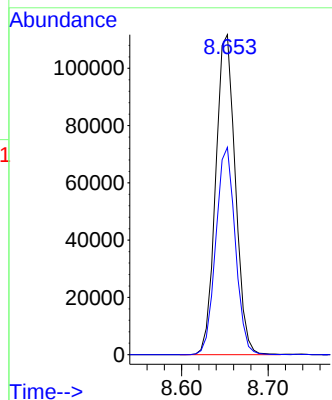
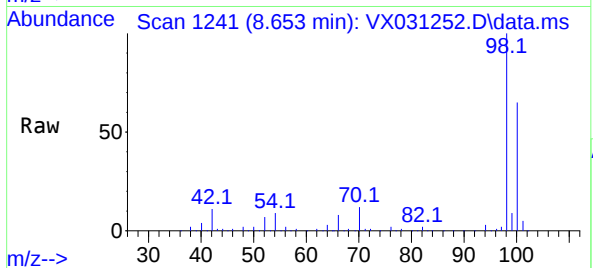
CLI-109DL

Tgt Ion: 98 Resp: 175756

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#52

Toluene

Concen: 11.078 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031252.D

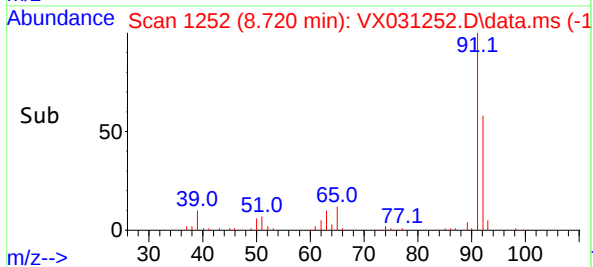
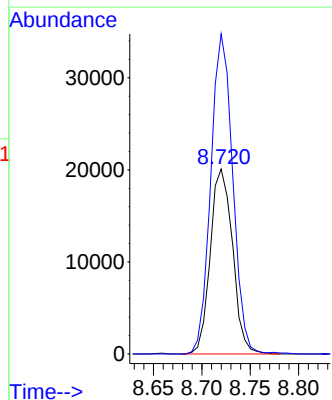
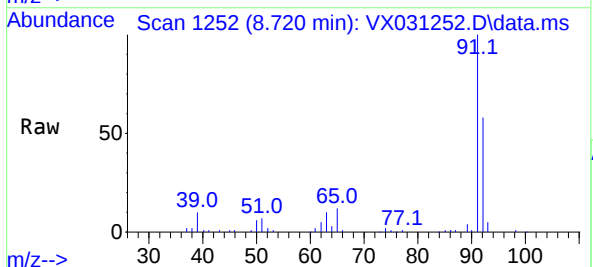
Acq: 09 Sep 2022 13:23

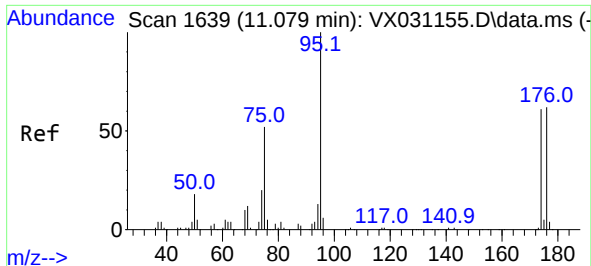
Tgt Ion: 92 Resp: 32089

Ion Ratio Lower Upper

92 100

91 171.1 139.2 208.8

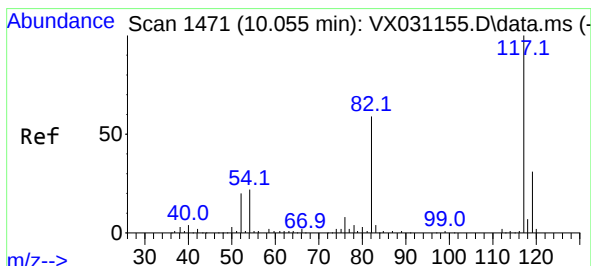
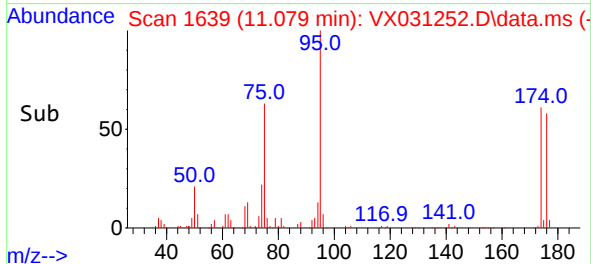
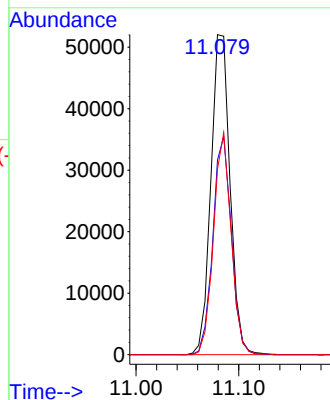
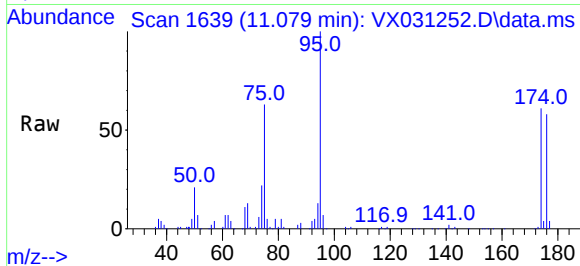




#62
4-Bromofluorobenzene
Concen: 46.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

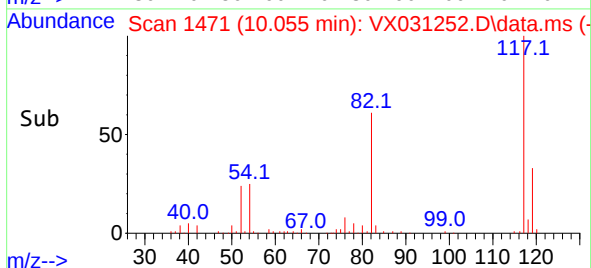
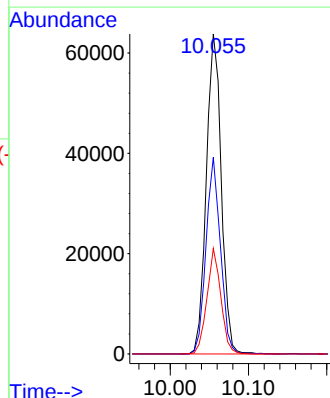
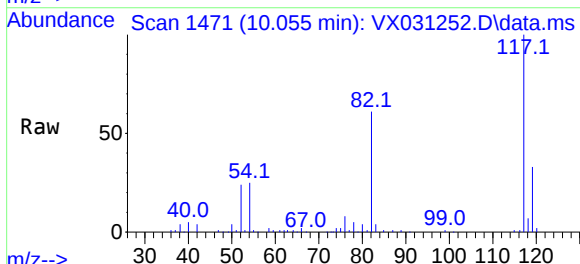
Instrument :
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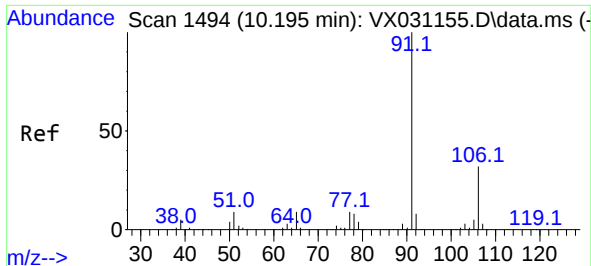
Tgt Ion: 95 Resp: 67344
Ion Ratio Lower Upper
95 100
174 65.8 0.0 149.0
176 63.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

Tgt Ion: 117 Resp: 84567
Ion Ratio Lower Upper
117 100
82 61.4 42.7 64.1
119 32.9 25.4 38.2

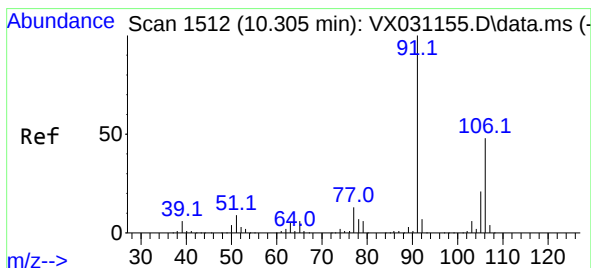
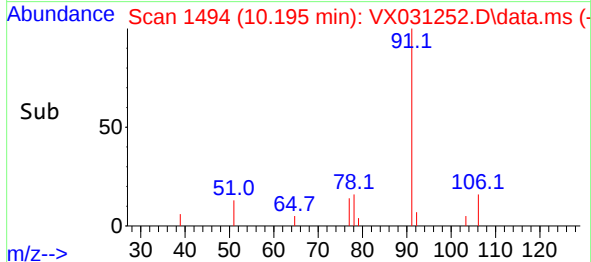
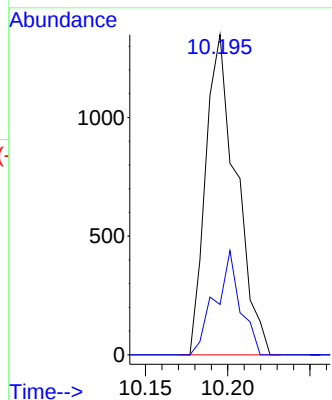
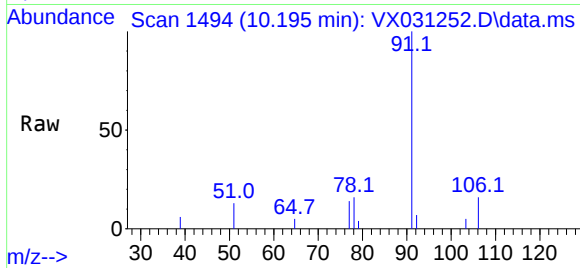




#67
Ethyl Benzene
Concen: 0.386 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

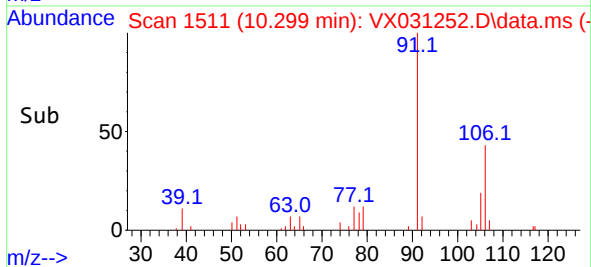
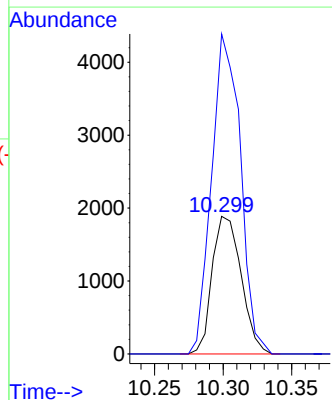
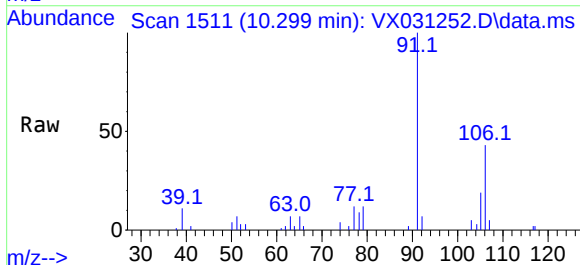
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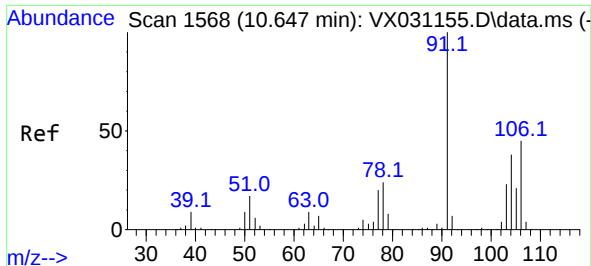
Tgt Ion: 91 Resp: 1741
Ion Ratio Lower Upper
91 100
106 15.7 25.5 38.3#



#68
m/p-Xylenes
Concen: 1.661 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

Tgt Ion: 106 Resp: 2779
Ion Ratio Lower Upper
106 100
91 231.0 158.2 237.4

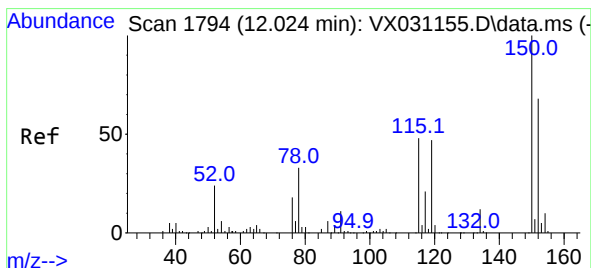
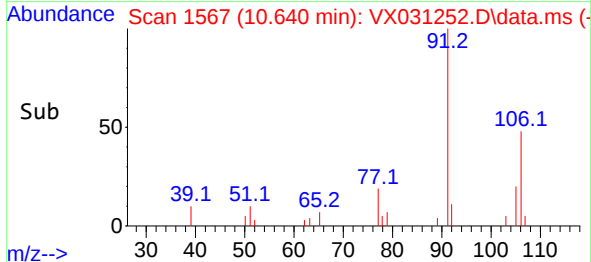
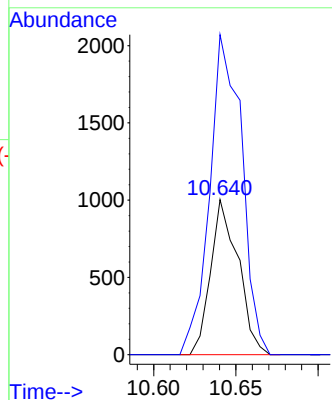
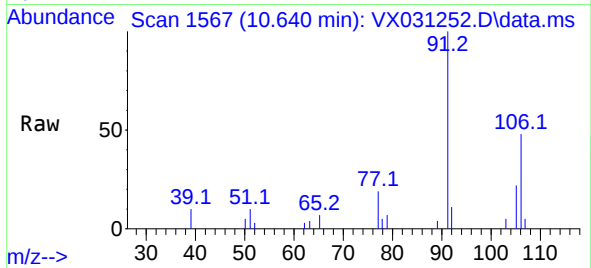




#69
o-Xylene
Concen: 0.701 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

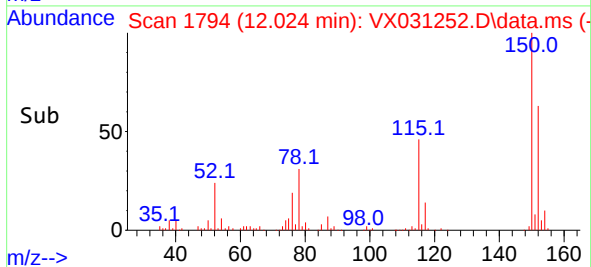
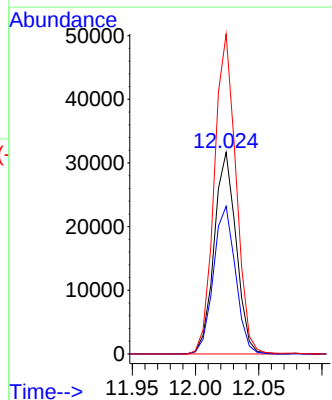
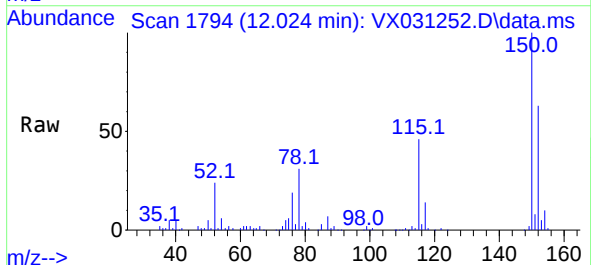
Instrument :
MSVOA_X
ClientSampleId :
CLI-109DL

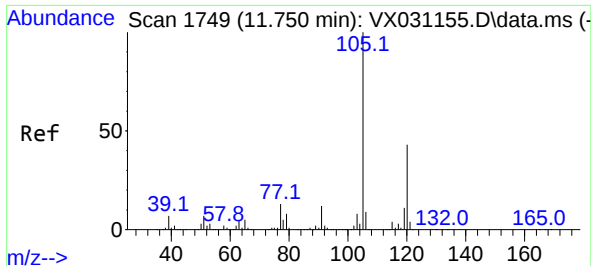
Tgt Ion:106 Resp: 1171
Ion Ratio Lower Upper
106 100
91 239.9 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

Tgt Ion:152 Resp: 38285
Ion Ratio Lower Upper
152 100
115 73.6 40.5 121.5
150 156.5 0.0 347.0

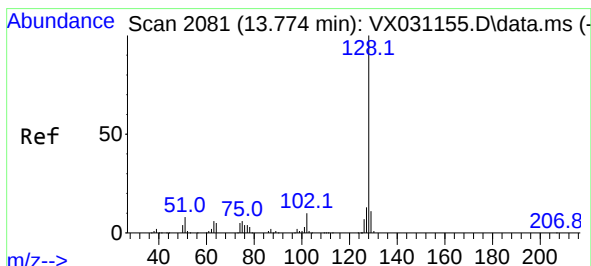
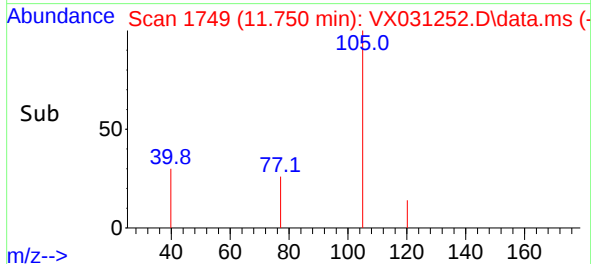
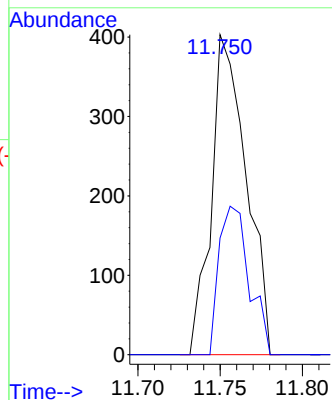
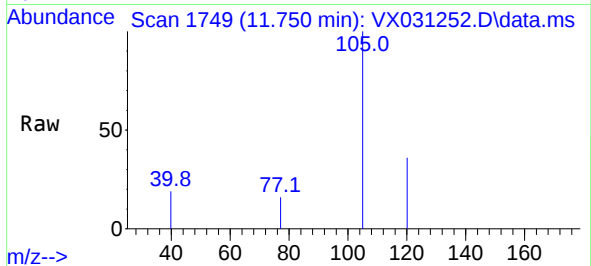




#84
1,2,4-Trimethylbenzene
Concen: 0.219 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

Instrument :
MSVOA_X
ClientSampleId :
CLI-109DL

Tgt Ion:105 Resp: 594
Ion Ratio Lower Upper
105 100
120 40.2 22.9 68.8



#95
Naphthalene
Concen: 0.673 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031252.D
Acq: 09 Sep 2022 13:23

Tgt Ion:128 Resp: 2031
Ion Ratio Lower Upper
128 100
127 9.9 10.2 15.2#
129 8.5 8.6 13.0#

