

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041199.D
 Acq On : 22 Apr 2024 18:52
 Operator : JC/MD
 Sample : P2208-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LNG-11

Quant Time: Apr 23 05:40:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

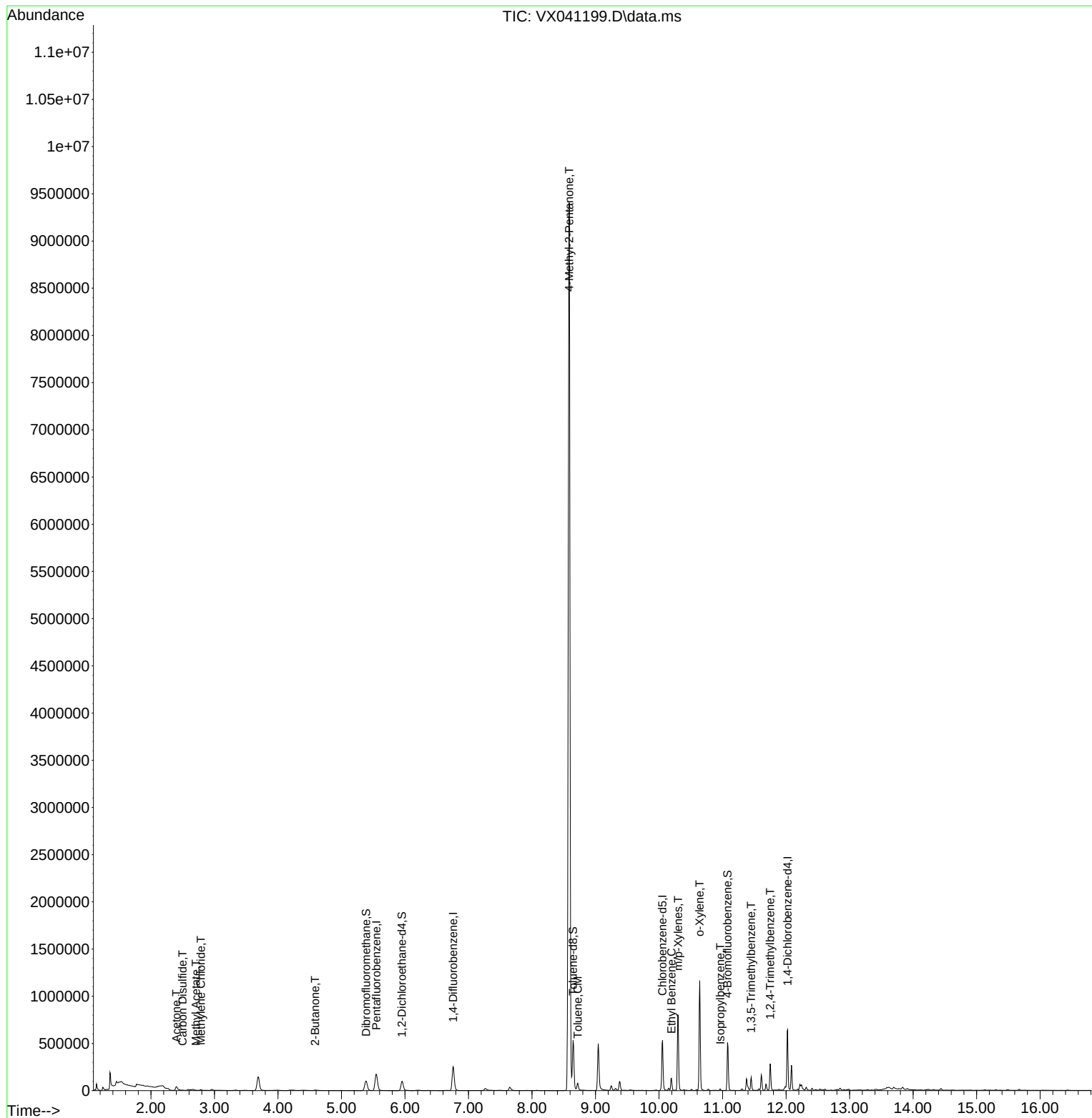
Internal Standards						
1) Pentafluorobenzene	5.550	168	191607	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	278097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98257	53.870	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.740%	
35) Dibromofluoromethane	5.385	113	88951	52.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.160%	
50) Toluene-d8	8.647	98	317171	55.572	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.140%	
62) 4-Bromofluorobenzene	11.079	95	132941	63.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 126.220%#	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	58891	88.703	ug/l	94
17) Carbon Disulfide	2.495	76	4029	1.381	ug/l	# 84
18) Methyl Acetate	2.709	43	3119	1.588	ug/l	95
20) Methylene Chloride	2.788	84	5294	3.265	ug/l	88
25) 2-Butanone	4.586	43	12118	10.688	ug/l	# 89
51) 4-Methyl-2-Pentanone	8.586	43	6131917	2560.874	ug/l	91
52) Toluene	8.720	92	27716	6.580	ug/l	100
67) Ethyl Benzene	10.195	91	80122	9.403	ug/l	98
68) m/p-Xylenes	10.299	106	193247	56.179	ug/l	92
69) o-Xylene	10.640	106	258150	77.161	ug/l	93
73) Isopropylbenzene	10.963	105	9595	1.004	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	60042	7.554	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	122505	15.529	ug/l	94

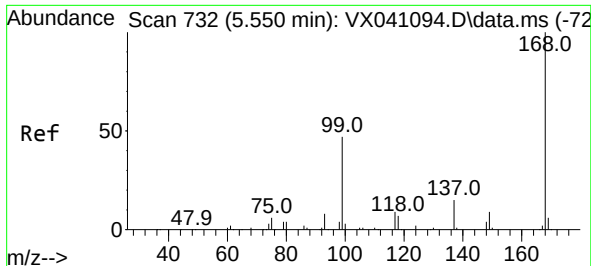
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
Data File : VX041199.D
Acq On : 22 Apr 2024 18:52
Operator : JC/MD
Sample : P2208-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LNG-11

Quant Time: Apr 23 05:40:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration

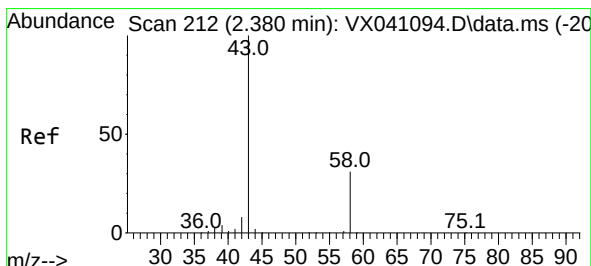
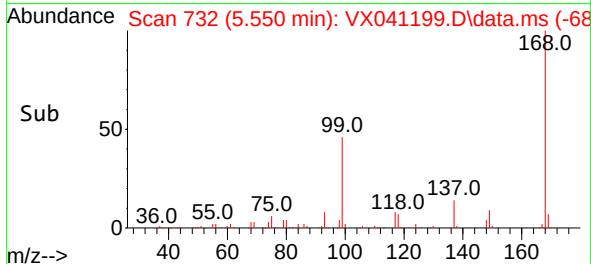
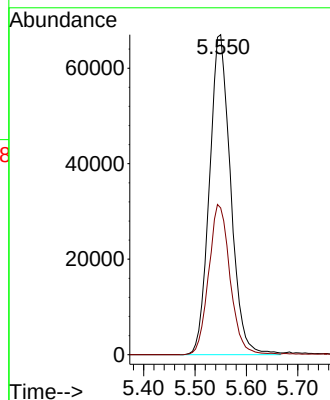
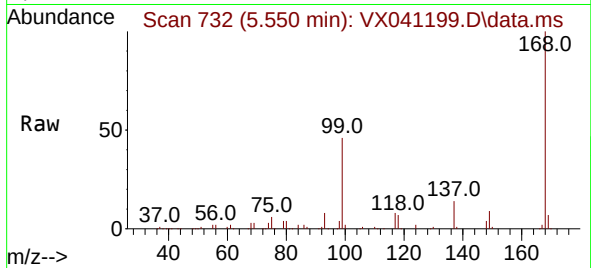




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041199.D
Acq: 22 Apr 2024 18:52

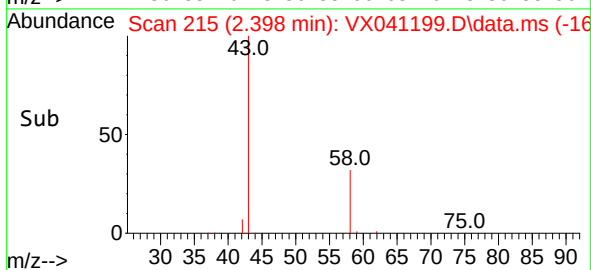
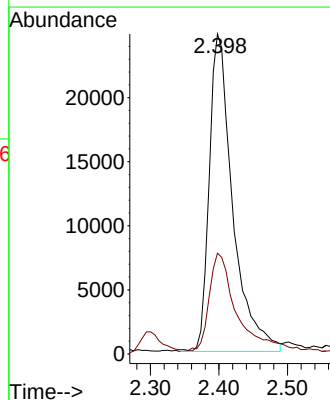
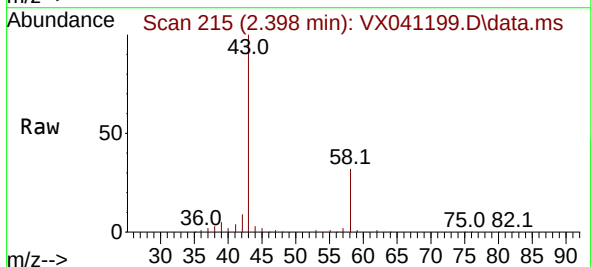
Instrument :
MSVOA_X
ClientSampleId :
LNG-11

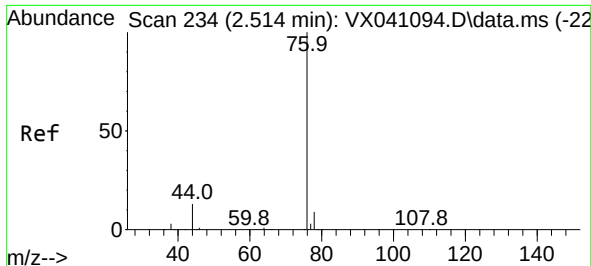
Tgt Ion:168 Resp: 191607
Ion Ratio Lower Upper
168 100
99 45.8 56.6 85.0#



#16
Acetone
Concen: 88.703 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX041199.D
Acq: 22 Apr 2024 18:52

Tgt Ion: 43 Resp: 58891
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





#17

Carbon Disulfide

Concen: 1.381 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

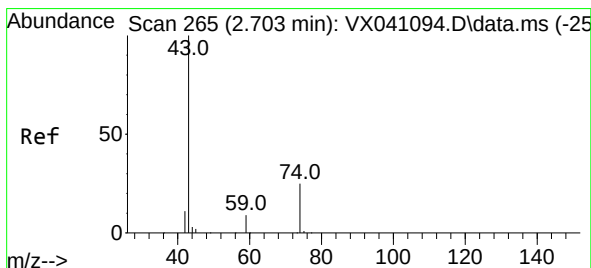
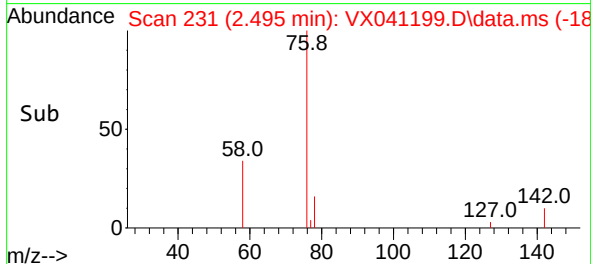
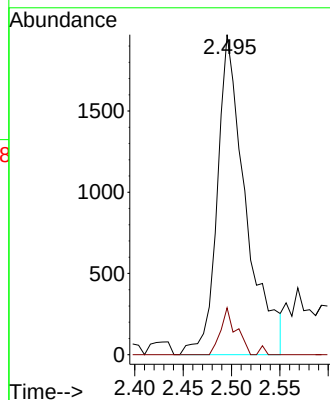
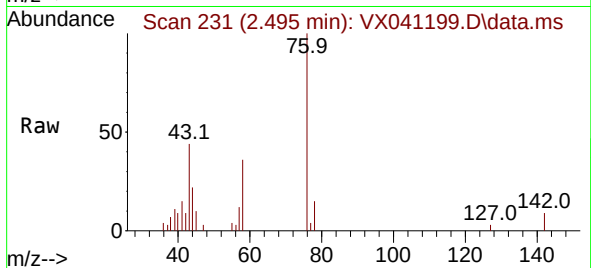
LNG-11

Tgt Ion: 76 Resp: 4029

Ion Ratio Lower Upper

76 100

78 14.7 7.0 10.6#



#18

Methyl Acetate

Concen: 1.588 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041199.D

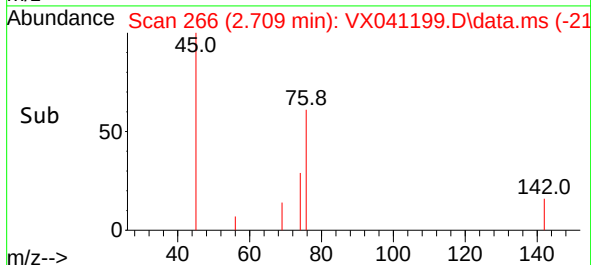
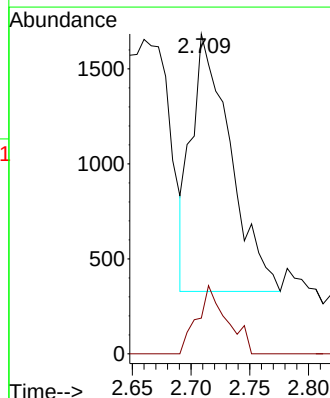
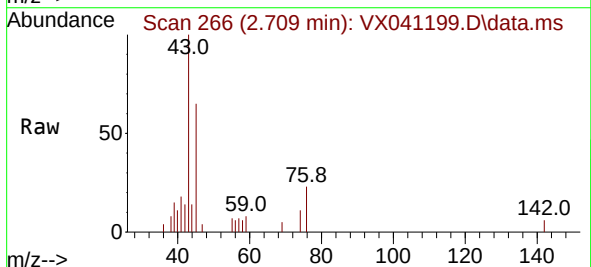
Acq: 22 Apr 2024 18:52

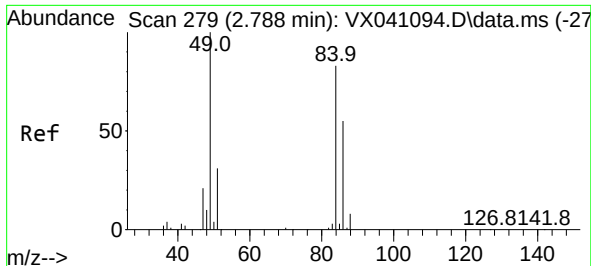
Tgt Ion: 43 Resp: 3119

Ion Ratio Lower Upper

43 100

74 20.1 17.8 26.8

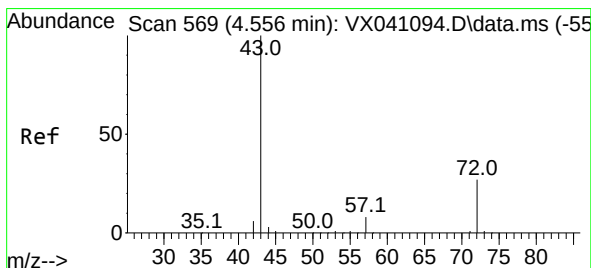
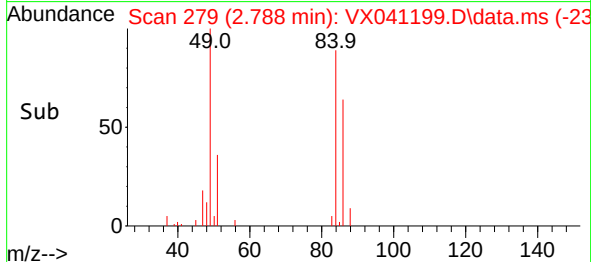
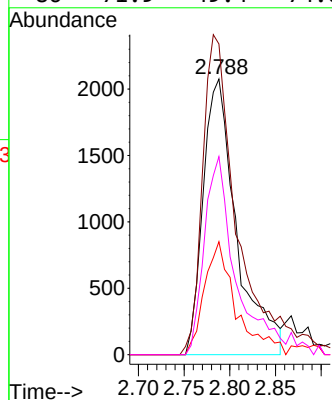
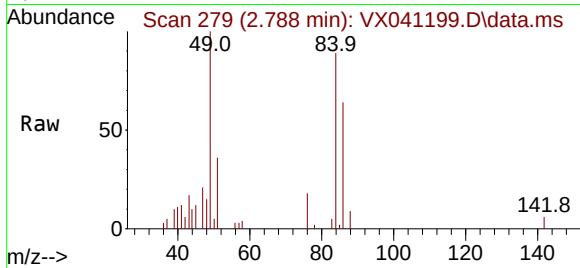




#20
Methylene Chloride
Concen: 3.265 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041199.D
Acq: 22 Apr 2024 18:52

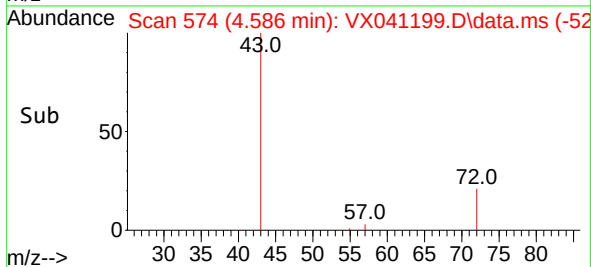
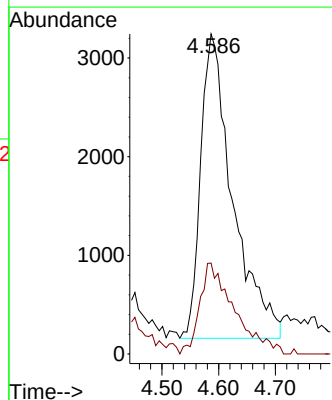
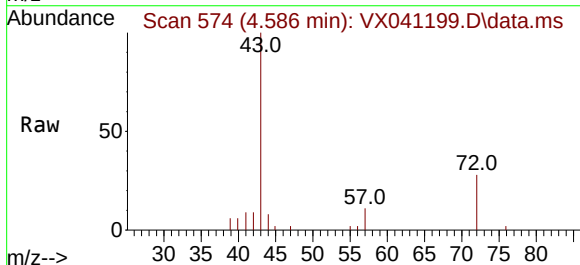
Instrument :
MSVOA_X
ClientSampleId :
LNG-11

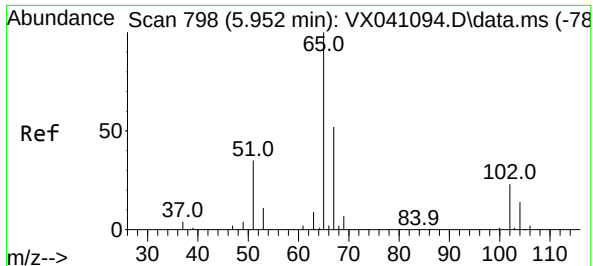
Tgt Ion:	84	Resp:	5294
Ion	Ratio	Lower	Upper
84	100		
49	112.7	103.6	155.4
51	41.0	33.8	50.6
86	71.9	49.4	74.0



#25
2-Butanone
Concen: 10.688 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX041199.D
Acq: 22 Apr 2024 18:52

Tgt Ion:	43	Resp:	12118
Ion	Ratio	Lower	Upper
43	100		
72	29.9	19.4	29.2#





#33

1,2-Dichloroethane-d4

Concen: 53.870 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

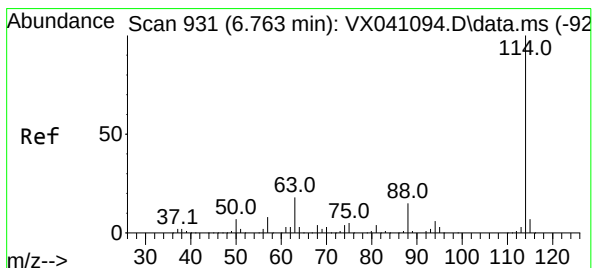
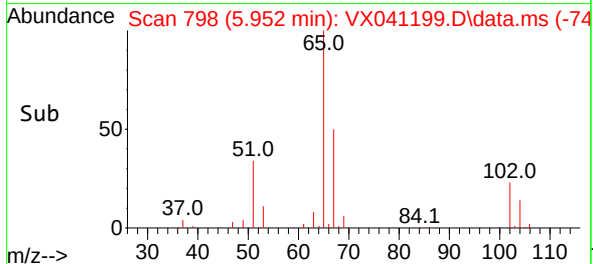
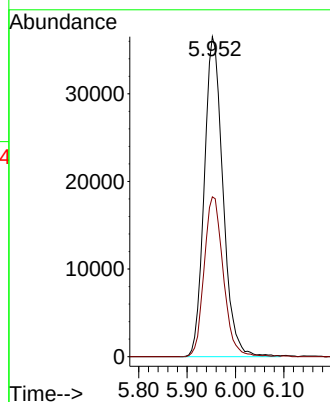
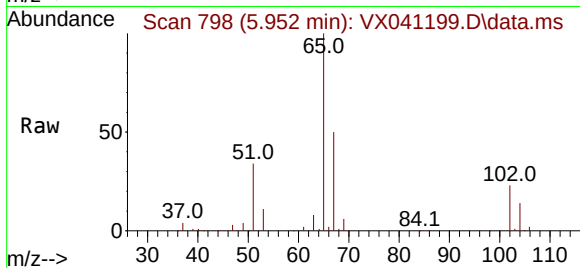
LNG-11

Tgt Ion: 65 Resp: 98257

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

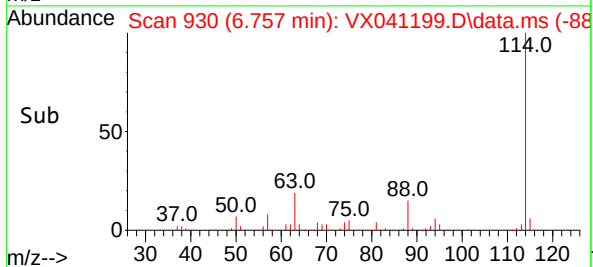
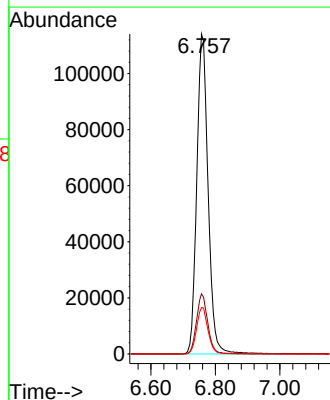
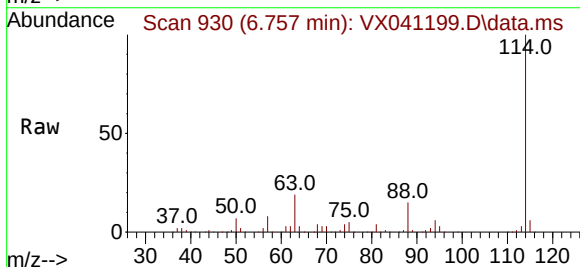
Tgt Ion: 114 Resp: 278097

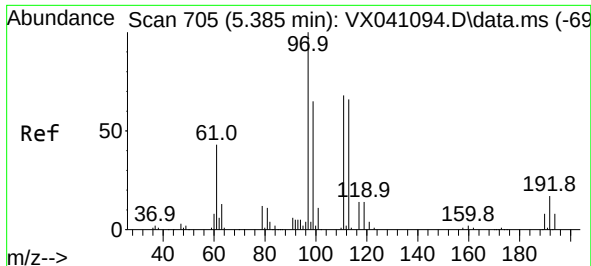
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 14.5 0.0 36.6

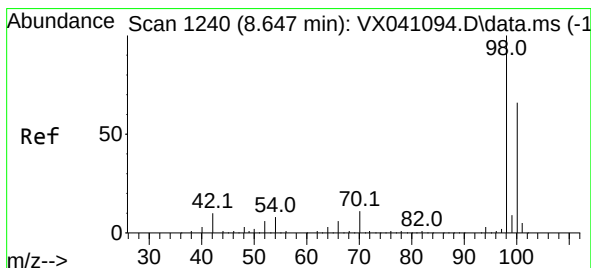
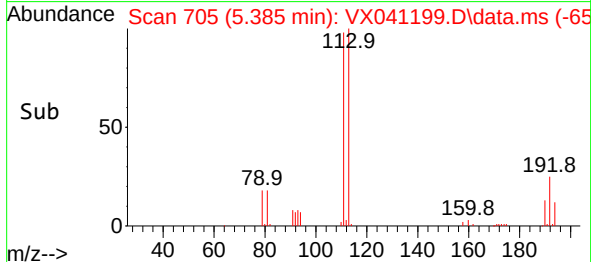
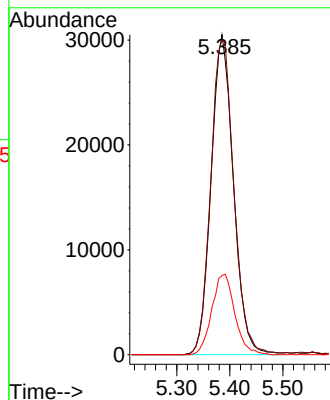
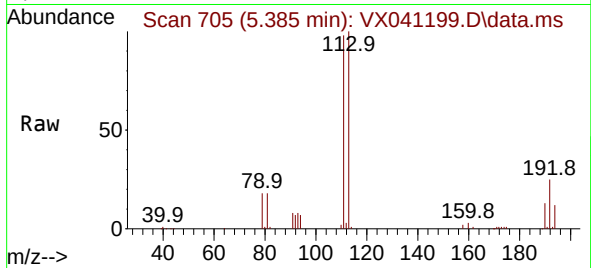




#35
Dibromofluoromethane
Concen: 52.583 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041199.D
Acq: 22 Apr 2024 18:52

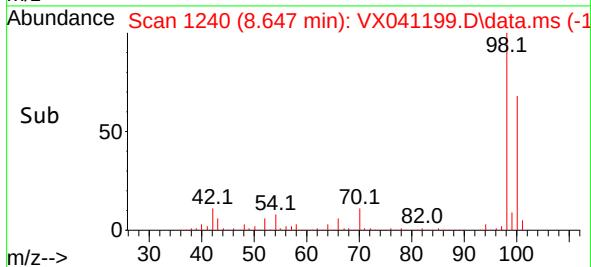
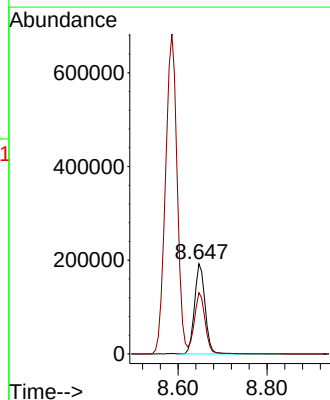
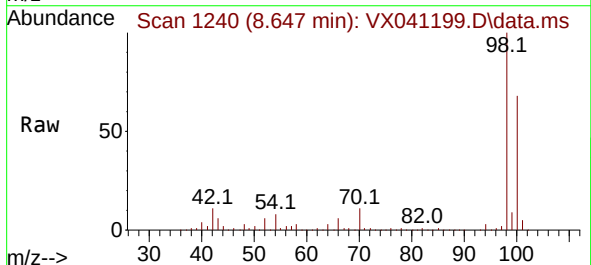
Instrument :
MSVOA_X
ClientSampleId :
LNG-11

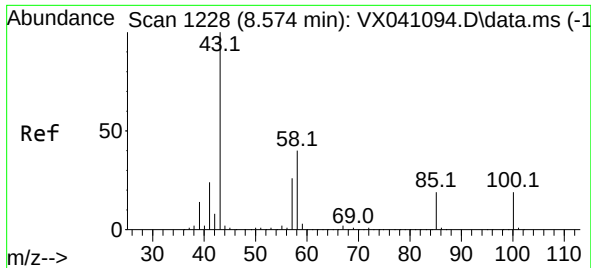
Tgt Ion:113 Resp: 88951
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 25.9 13.3 19.9#



#50
Toluene-d8
Concen: 55.572 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041199.D
Acq: 22 Apr 2024 18:52

Tgt Ion: 98 Resp: 317171
Ion Ratio Lower Upper
98 100
100 68.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 2560.874 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

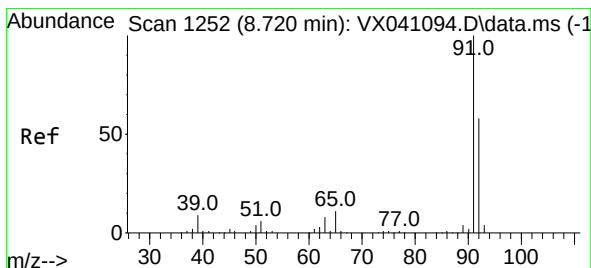
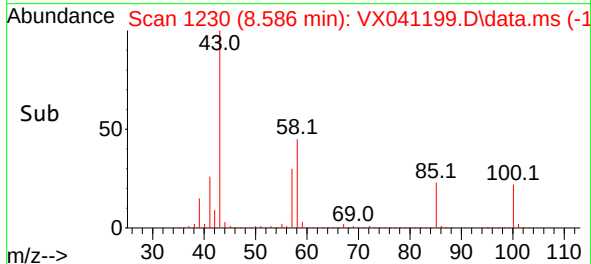
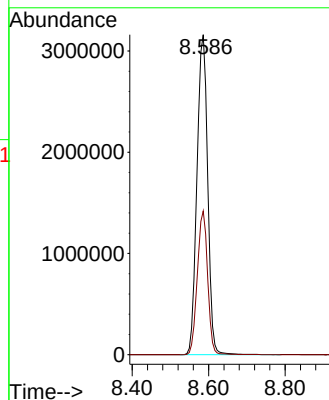
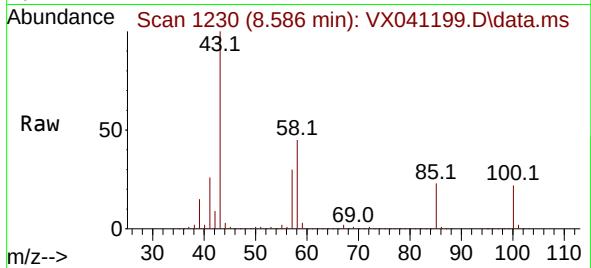
LNG-11

Tgt Ion: 43 Resp: 6131917

Ion Ratio Lower Upper

43 100

58 43.2 30.4 45.6



#52

Toluene

Concen: 6.580 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX041199.D

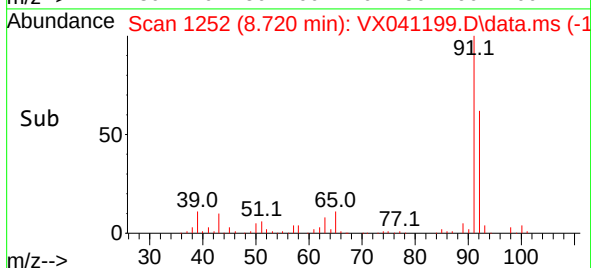
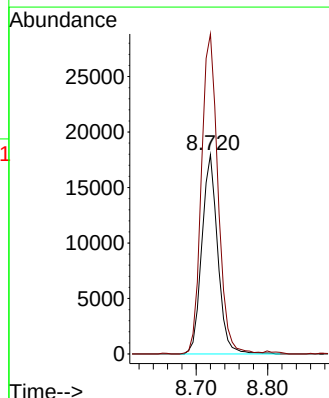
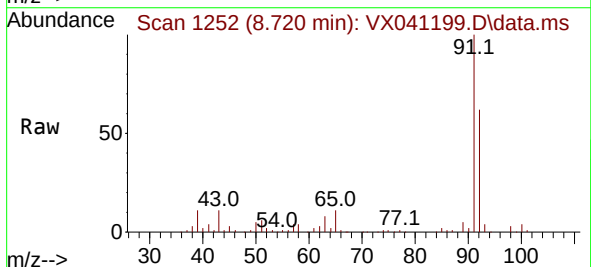
Acq: 22 Apr 2024 18:52

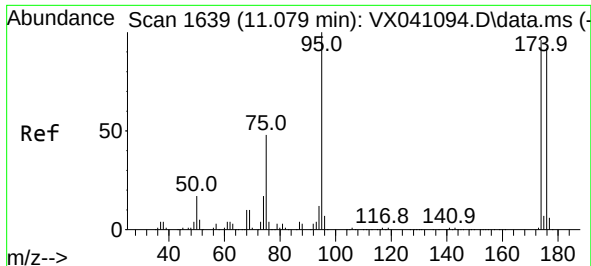
Tgt Ion: 92 Resp: 27716

Ion Ratio Lower Upper

92 100

91 167.7 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 63.107 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

LNG-11

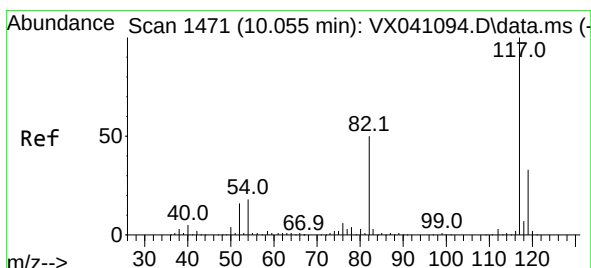
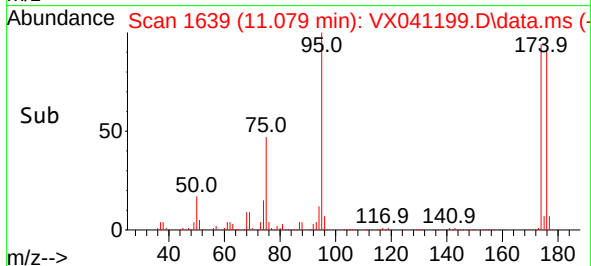
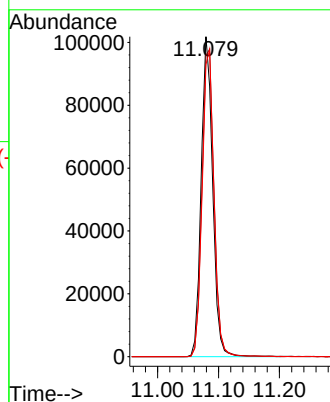
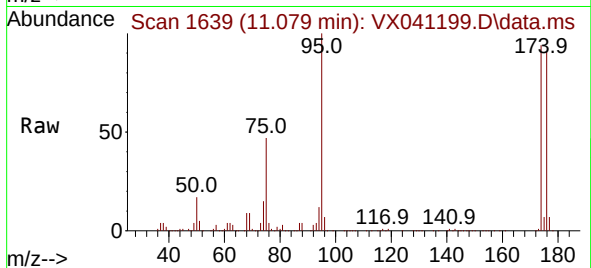
Tgt Ion: 95 Resp: 132941

Ion Ratio Lower Upper

95 100

174 100.9 0.0 135.6

176 98.4 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

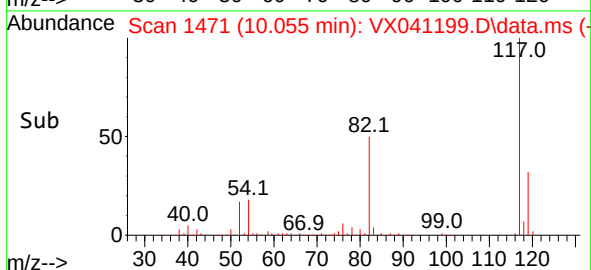
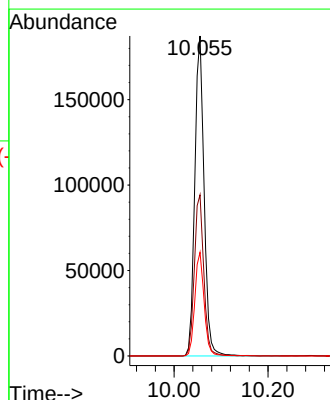
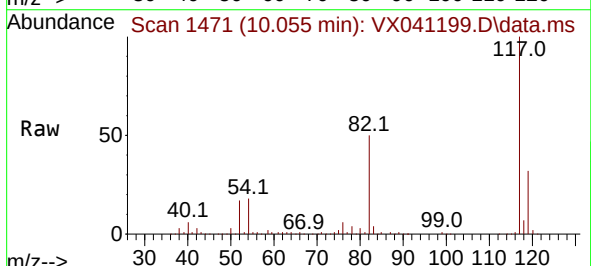
Tgt Ion: 117 Resp: 259448

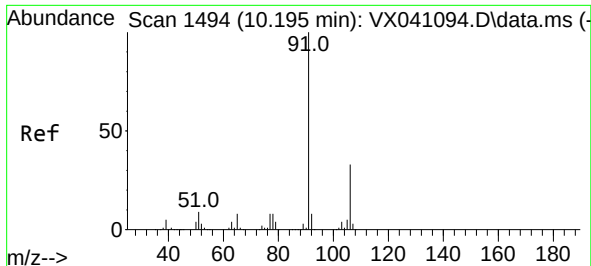
Ion Ratio Lower Upper

117 100

82 50.3 46.2 69.4

119 32.4 25.5 38.3

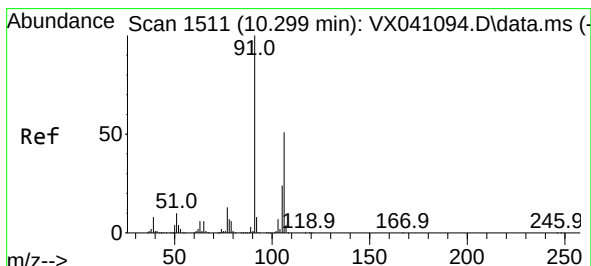
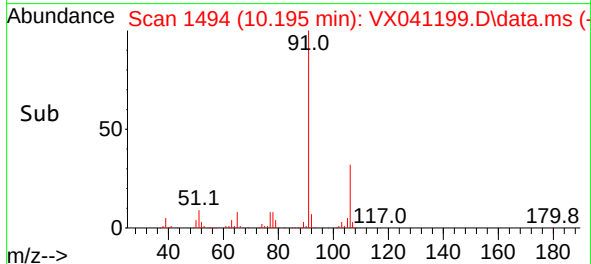
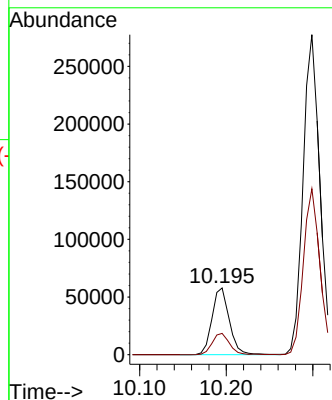
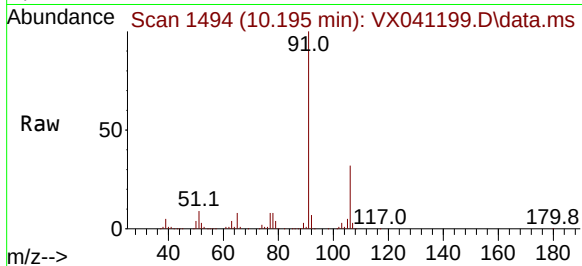




#67
Ethyl Benzene
Concen: 9.403 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041199.D
Acq: 22 Apr 2024 18:52

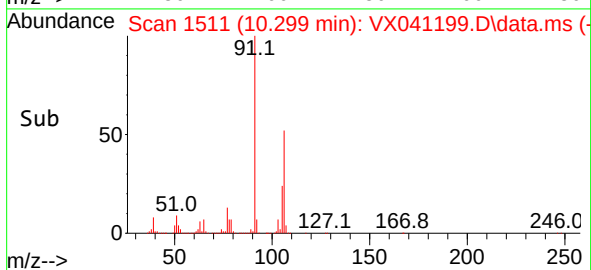
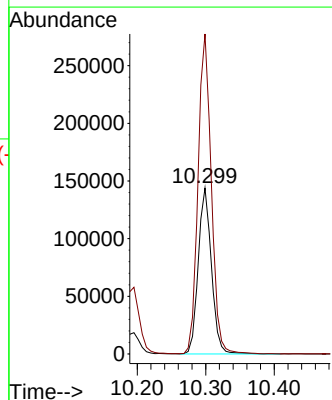
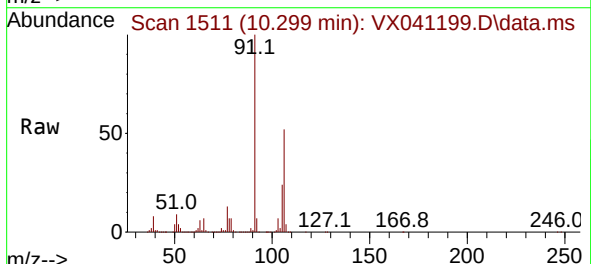
Instrument :
MSVOA_X
ClientSampleId :
LNG-11

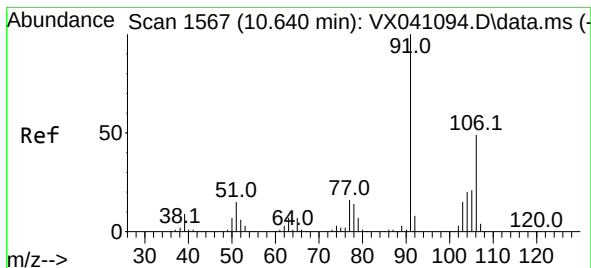
Tgt Ion: 91 Resp: 80122
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 56.179 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041199.D
Acq: 22 Apr 2024 18:52

Tgt Ion:106 Resp: 193247
Ion Ratio Lower Upper
106 100
91 193.9 165.5 248.3





#69

o-Xylene

Concen: 77.161 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

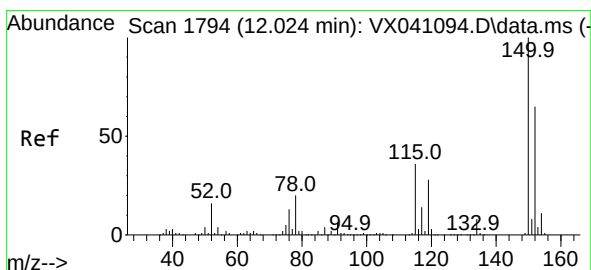
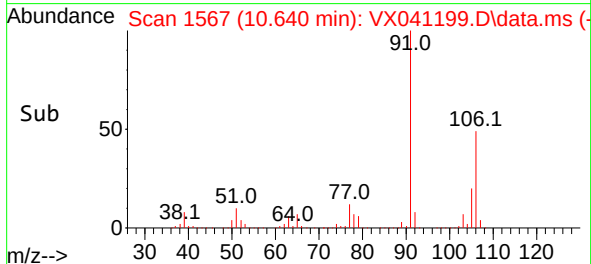
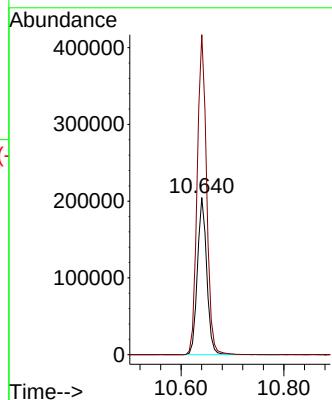
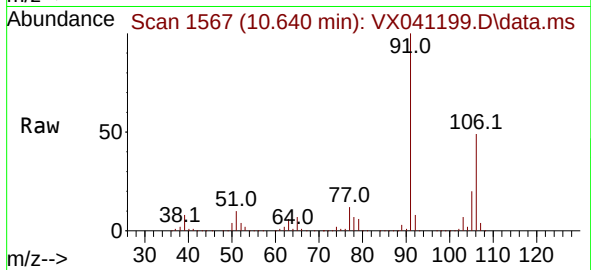
LNG-11

Tgt Ion:106 Resp: 258150

Ion Ratio Lower Upper

106 100

91 206.1 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

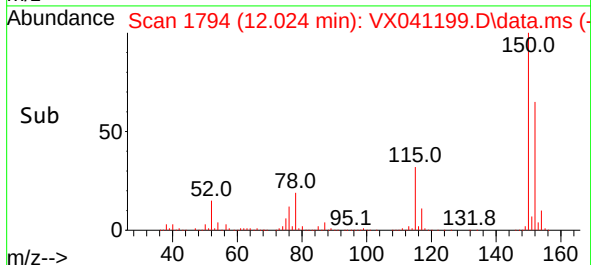
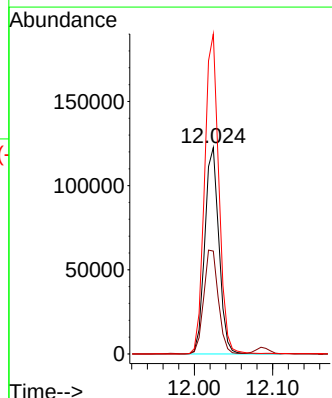
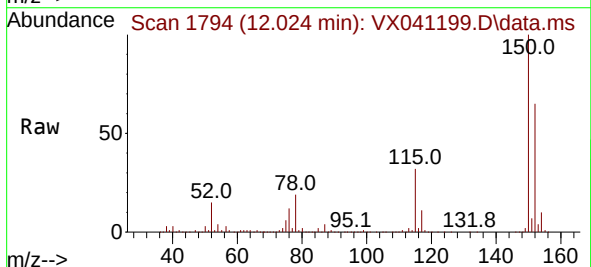
Tgt Ion:152 Resp: 153548

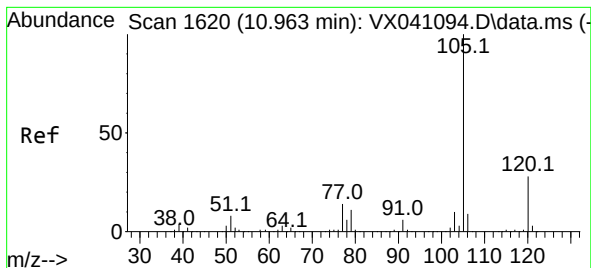
Ion Ratio Lower Upper

152 100

115 51.7 43.3 129.9

150 156.5 0.0 345.0





#73

Isopropylbenzene

Concen: 1.004 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041199.D

Acq: 22 Apr 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

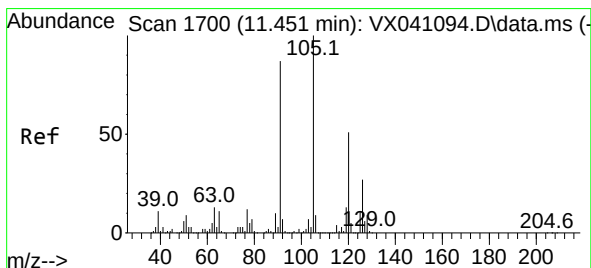
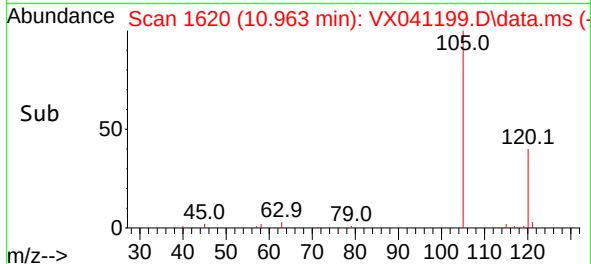
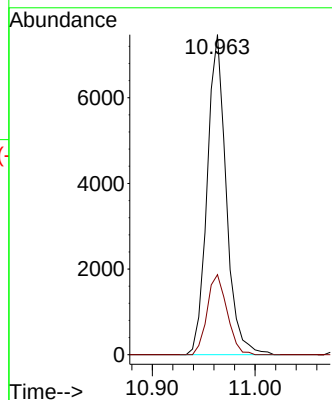
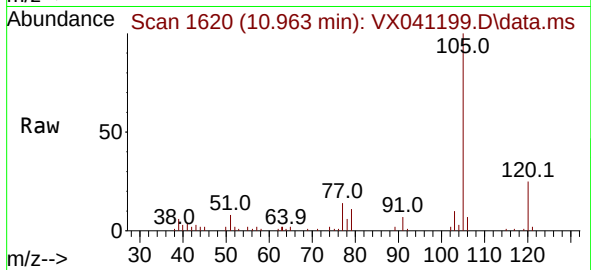
LNG-11

Tgt Ion:105 Resp: 9595

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#80

1,3,5-Trimethylbenzene

Concen: 7.554 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041199.D

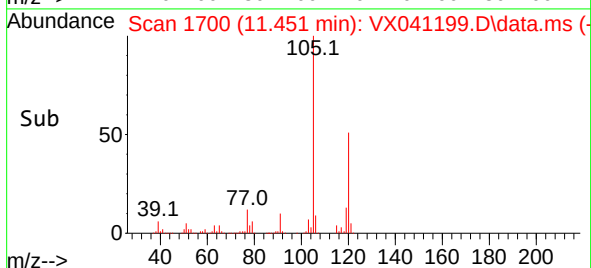
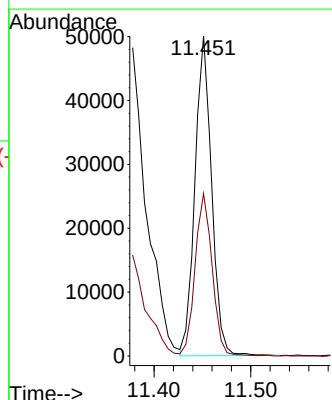
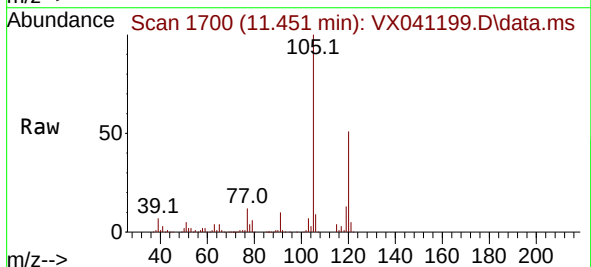
Acq: 22 Apr 2024 18:52

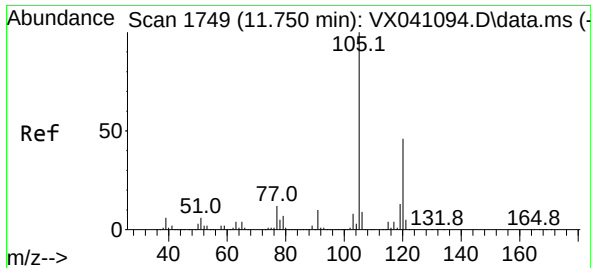
Tgt Ion:105 Resp: 60042

Ion Ratio Lower Upper

105 100

120 52.1 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 15.529 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041199.D
 Acq: 22 Apr 2024 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 LNG-11

Tgt Ion:105 Resp: 122505
 Ion Ratio Lower Upper
 105 100
 120 46.1 21.2 63.6

