

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046097.D
 Acq On : 08 May 2025 17:36
 Operator : JC/MD
 Sample : Q1966-03 10X
 Misc : 1.47g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SILICA-GEL

Quant Time: May 09 01:59:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

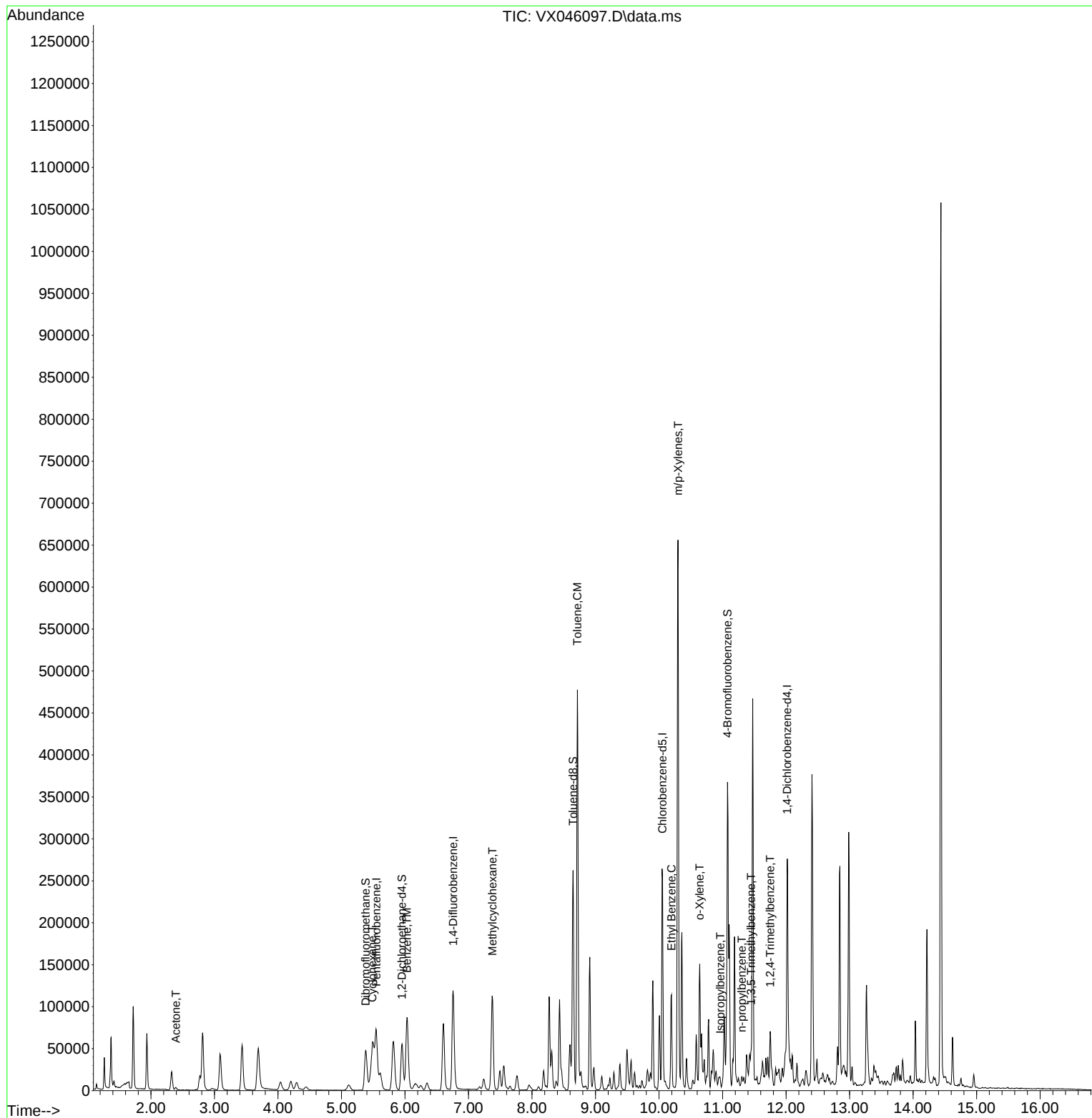
Internal Standards						
1) Pentafluorobenzene	5.549	168	59267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	116962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57203	51.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.540%			
35) Dibromofluoromethane	5.379	113	41551	49.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.660%			
50) Toluene-d8	8.646	98	145799	50.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.020%			
62) 4-Bromofluorobenzene	11.079	95	58645	52.446	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.900%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	3702	8.356	ug/l	98
31) Cyclohexane	5.482	56	23904	18.153	ug/l #	63
39) Methylcyclohexane	7.378	83	46544	31.947	ug/l	97
40) Benzene	6.031	78	101983	30.767	ug/l	97
52) Toluene	8.714	92	171387	84.323	ug/l	99
67) Ethyl Benzene	10.195	91	63337	15.086	ug/l	99
68) m/p-Xylenes	10.299	106	143359	93.361	ug/l	99
69) o-Xylene	10.640	106	27881	18.625	ug/l	98
73) Isopropylbenzene	10.963	105	4616	1.214	ug/l	98
78) n-propylbenzene	11.305	91	5167	1.169	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	14831	4.669	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	22547	7.009	ug/l	97

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

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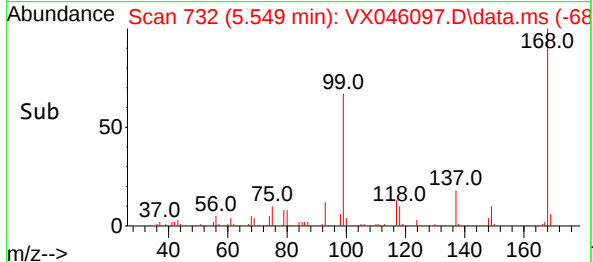
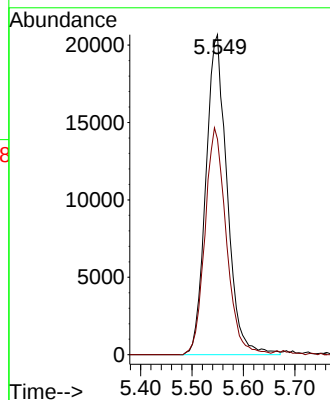
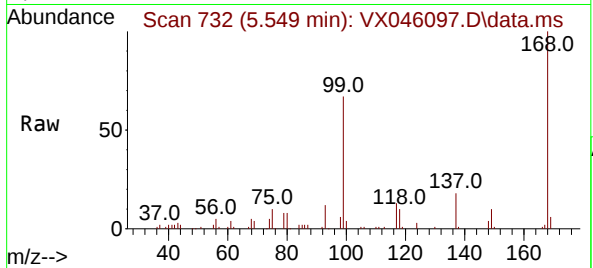




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

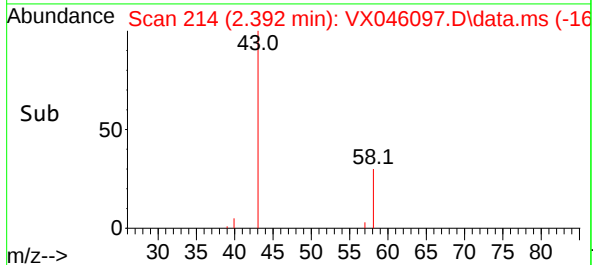
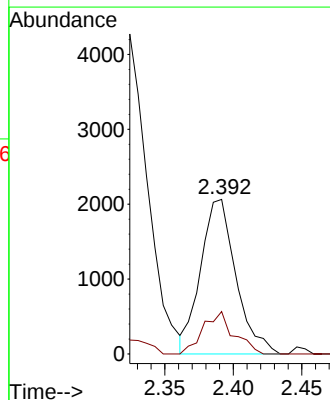
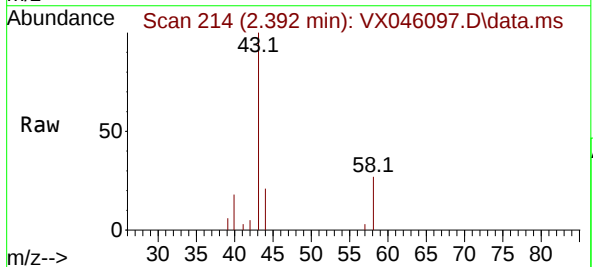
Instrument :
MSVOA_X
ClientSampleId :
SILICA-GEL

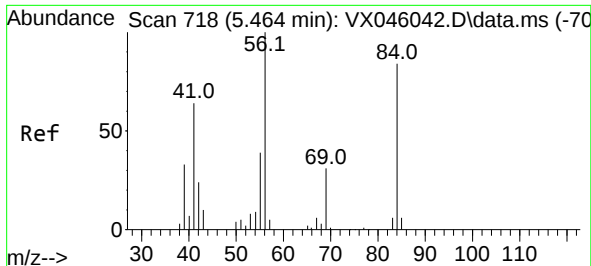
Tgt Ion:168 Resp: 59267
Ion Ratio Lower Upper
168 100
99 67.4 54.9 82.3



#16
Acetone
Concen: 8.356 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

Tgt Ion: 43 Resp: 3702
Ion Ratio Lower Upper
43 100
58 27.4 21.2 31.8

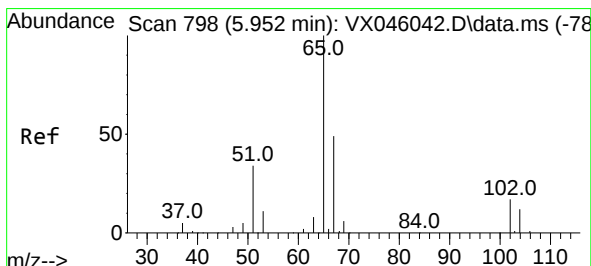
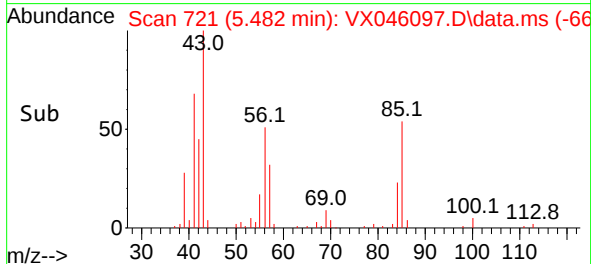
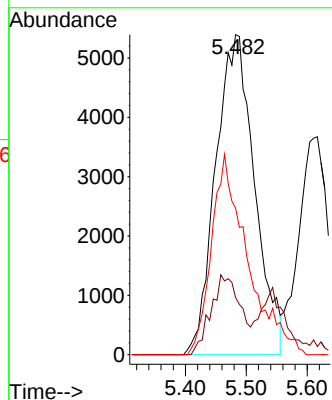
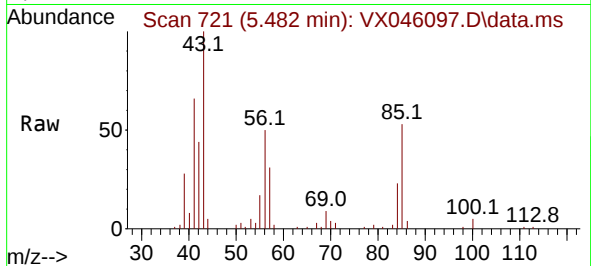




#31
Cyclohexane
Concen: 18.153 ug/l
RT: 5.482 min Scan# 718
Delta R.T. 0.018 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

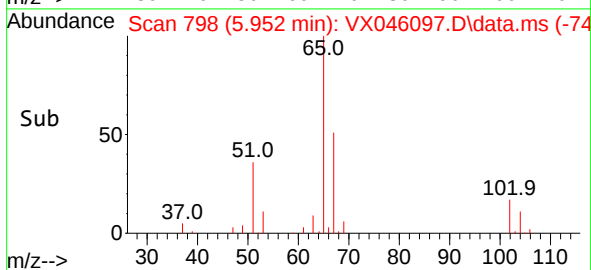
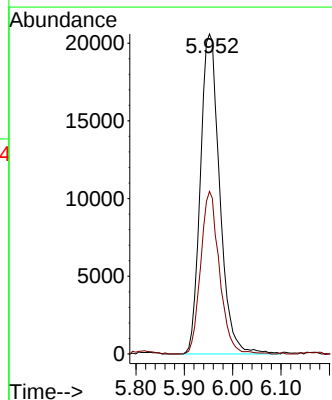
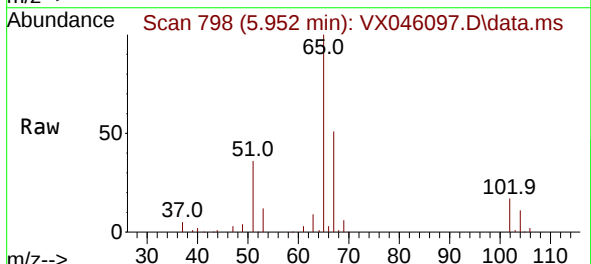
Instrument :
MSVOA_X
ClientSampleId :
SILICA-GEL

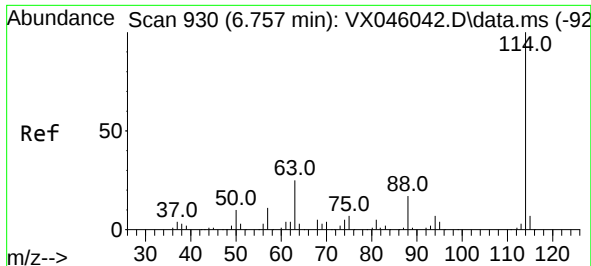
Tgt Ion: 56 Resp: 23904
Ion Ratio Lower Upper
56 100
69 17.8 24.4 36.6#
84 45.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.771 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

Tgt Ion: 65 Resp: 57203
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

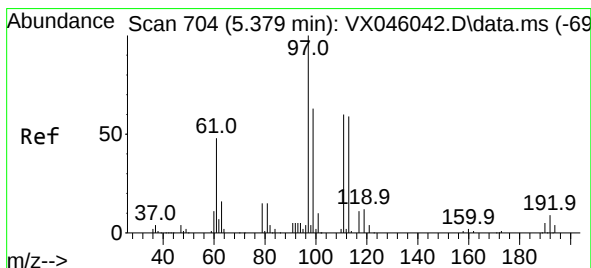
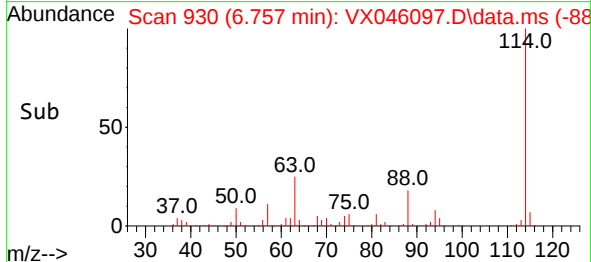
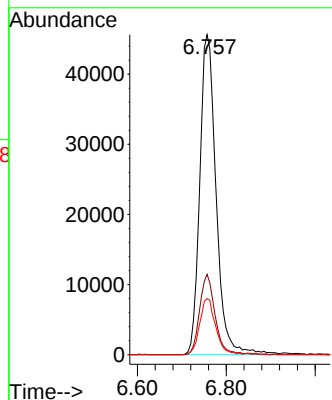
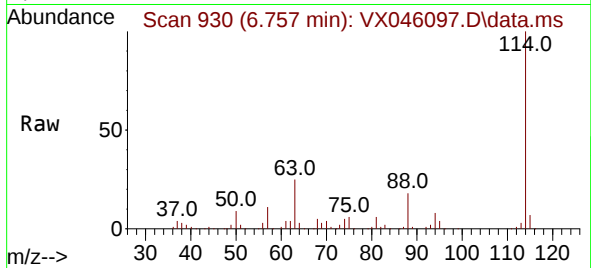




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

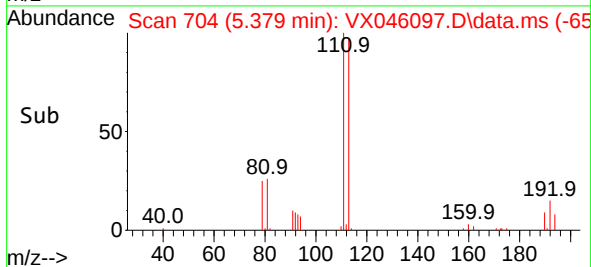
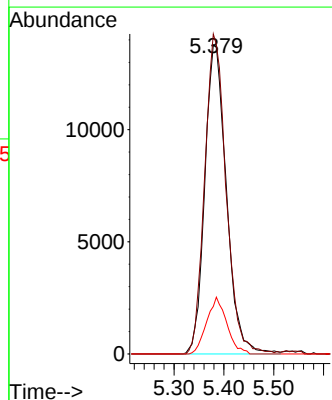
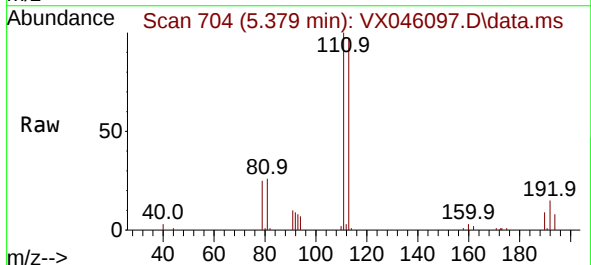
Instrument :
MSVOA_X
ClientSampleId :
SILICA-GEL

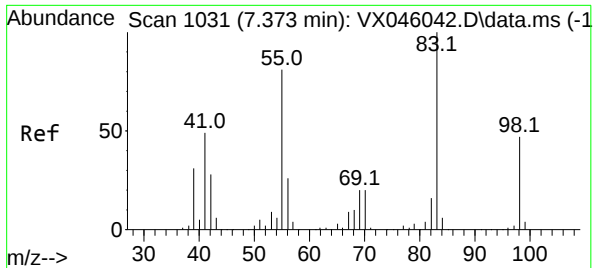
Tgt Ion:114 Resp: 116962
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.333 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

Tgt Ion:113 Resp: 41551
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 17.0 13.3 19.9

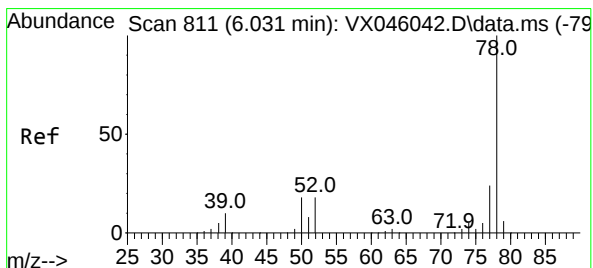
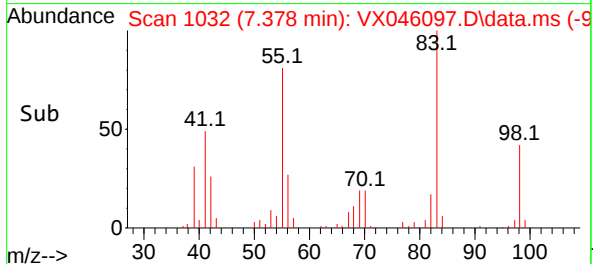
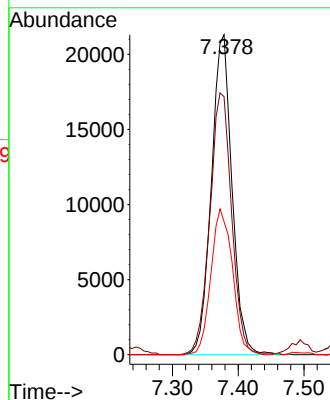
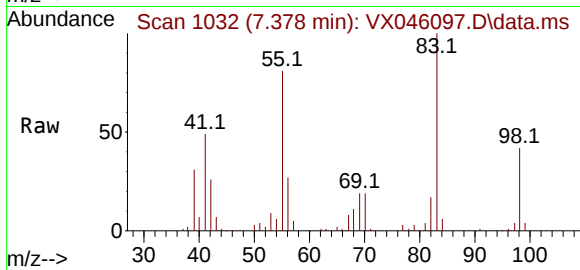




#39
Methylcyclohexane
Concen: 31.947 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

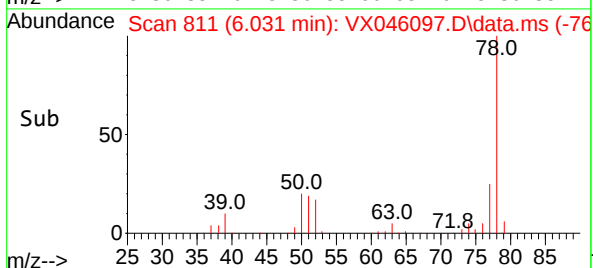
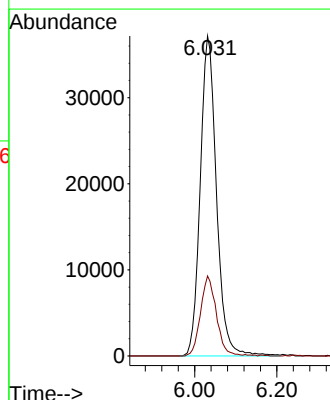
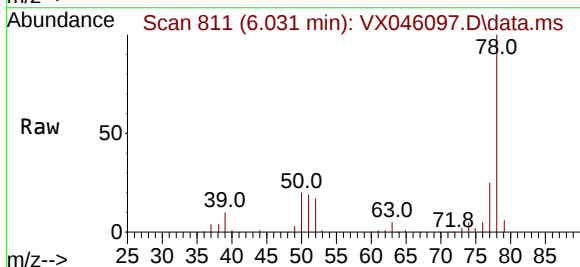
Instrument :
MSVOA_X
ClientSampleId :
SILICA-GEL

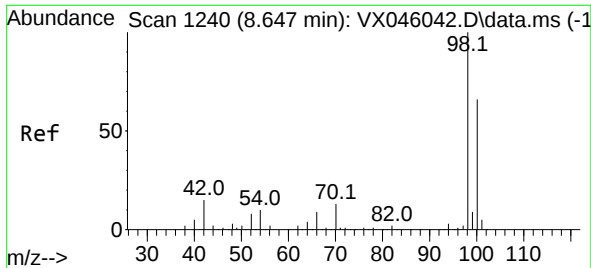
Tgt Ion: 83 Resp: 46544
Ion Ratio Lower Upper
83 100
55 80.6 64.7 97.1
98 41.5 37.4 56.2



#40
Benzene
Concen: 30.767 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

Tgt Ion: 78 Resp: 101983
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4

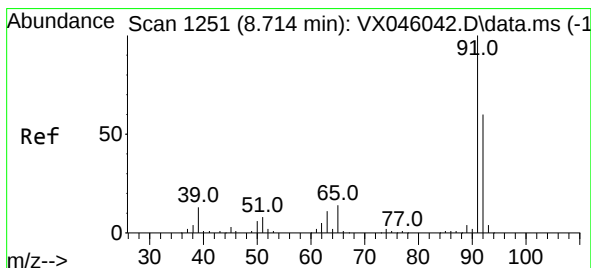
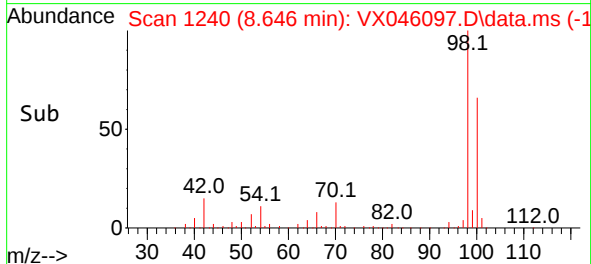
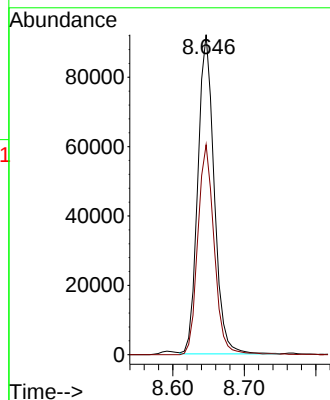
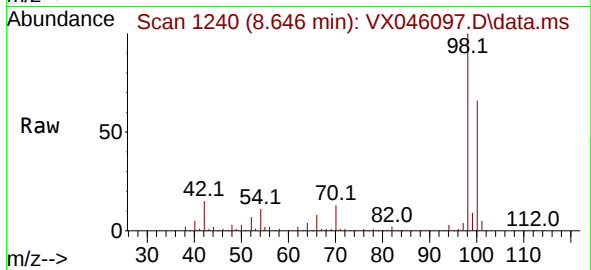




#50
Toluene-d8
Concen: 50.014 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

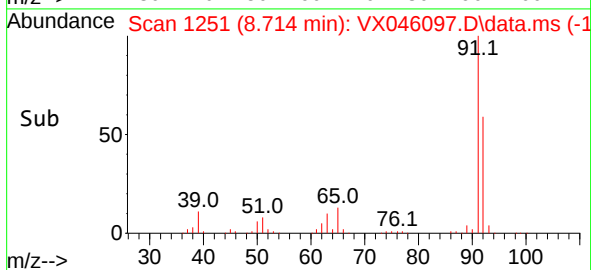
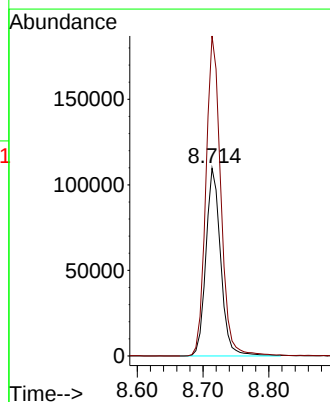
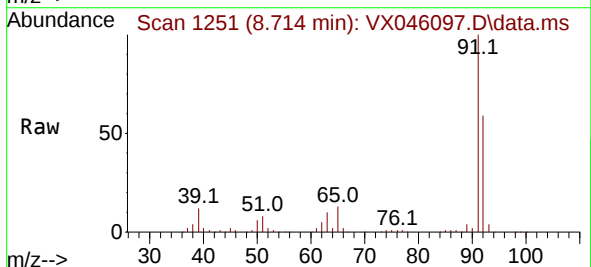
Instrument :
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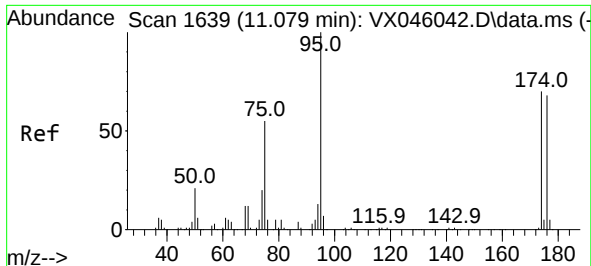
Tgt Ion: 98 Resp: 145799
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



#52
Toluene
Concen: 84.323 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046097.D
Acq: 08 May 2025 17:36

Tgt Ion: 92 Resp: 171387
Ion Ratio Lower Upper
92 100
91 172.0 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 52.446 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046097.D

Acq: 08 May 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

SILICA-GEL

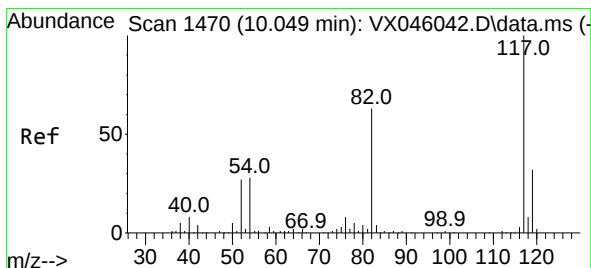
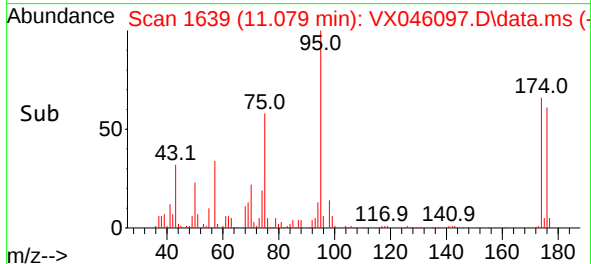
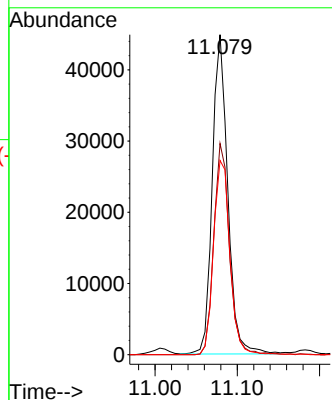
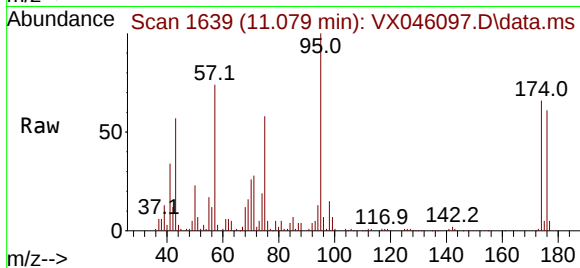
Tgt Ion: 95 Resp: 58645

Ion Ratio Lower Upper

95 100

174 66.7 0.0 135.8

176 64.6 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX046097.D

Acq: 08 May 2025 17:36

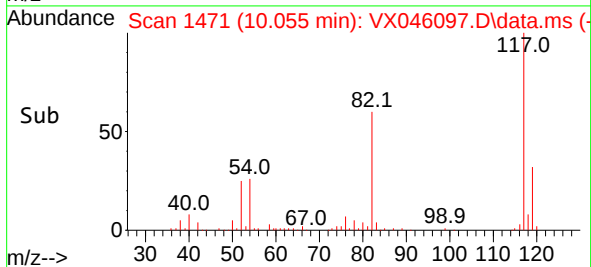
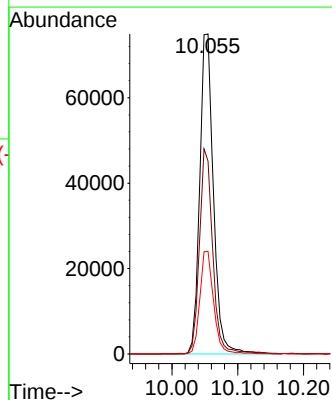
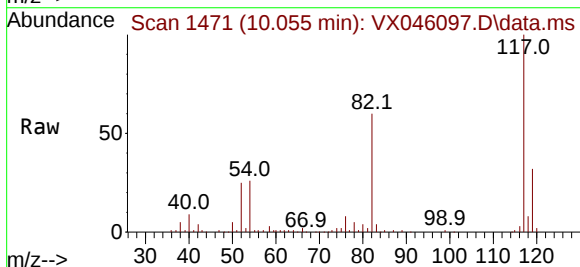
Tgt Ion: 117 Resp: 108818

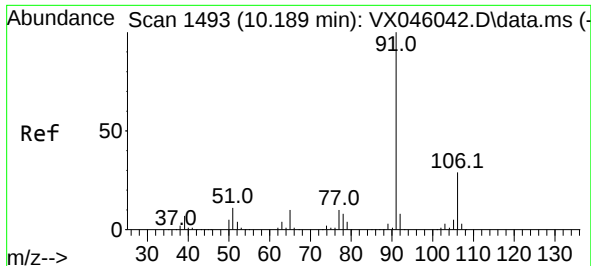
Ion Ratio Lower Upper

117 100

82 60.1 50.6 76.0

119 32.1 25.8 38.6





#67

Ethyl Benzene

Concen: 15.086 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX046097.D

Acq: 08 May 2025 17:36

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ClientSampleId :

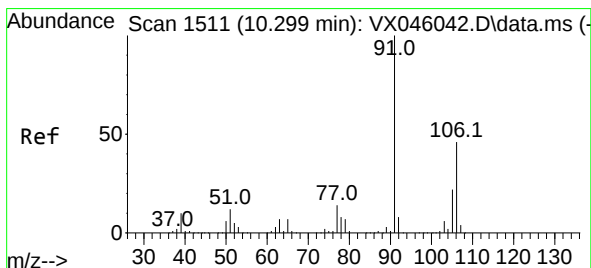
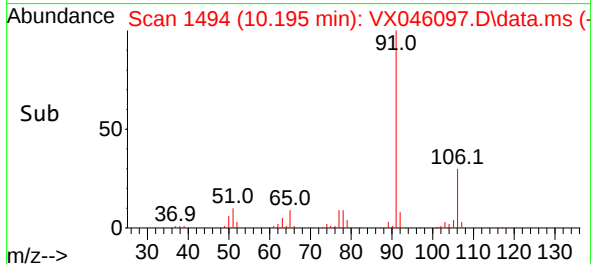
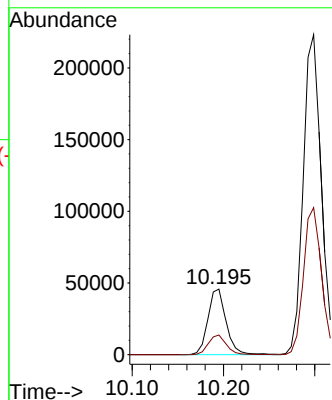
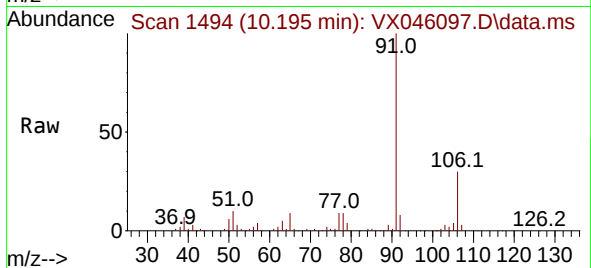
SILICA-GEL

Tgt Ion: 91 Resp: 63337

Ion Ratio Lower Upper

91 100

106 30.1 23.4 35.2



#68

m/p-Xylenes

Concen: 93.361 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046097.D

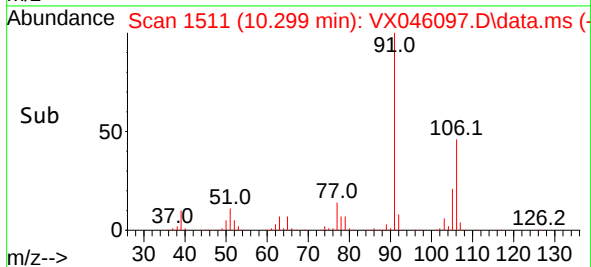
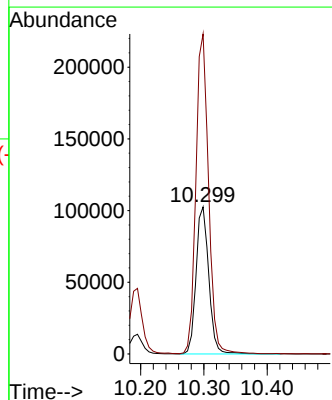
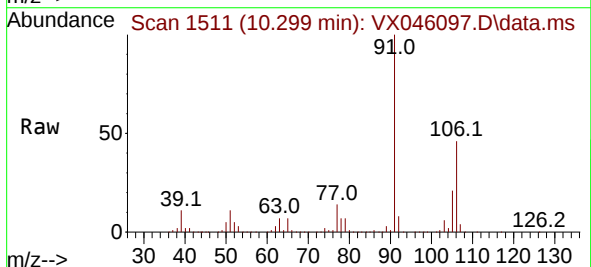
Acq: 08 May 2025 17:36

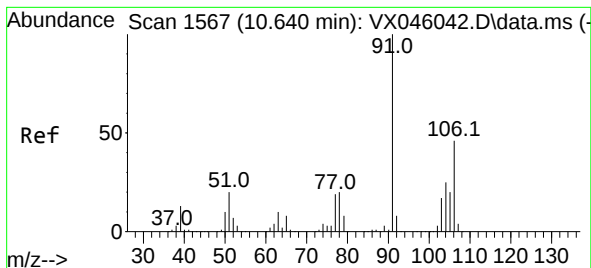
Tgt Ion: 106 Resp: 143359

Ion Ratio Lower Upper

106 100

91 215.8 171.2 256.8





#69

o-Xylene

Concen: 18.625 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046097.D

Acq: 08 May 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

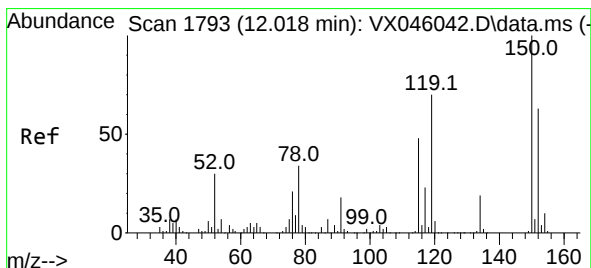
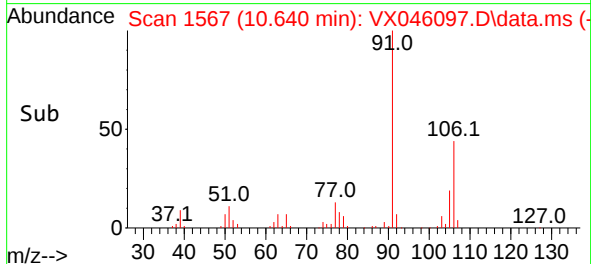
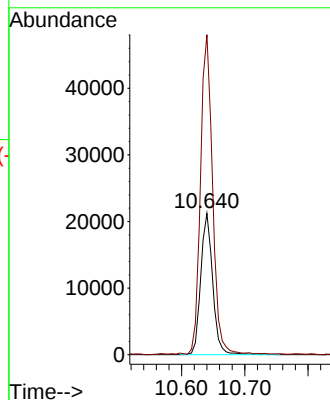
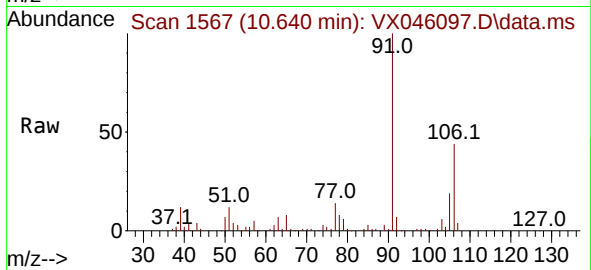
SILICA-GEL

Tgt Ion:106 Resp: 27881

Ion Ratio Lower Upper

106 100

91 227.9 112.7 338.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046097.D

Acq: 08 May 2025 17:36

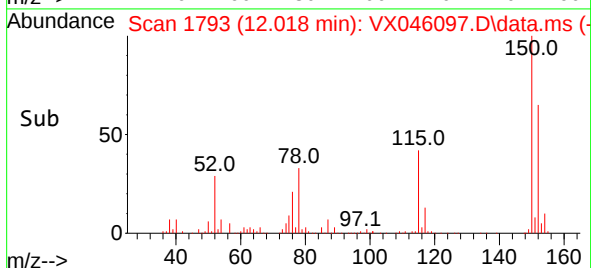
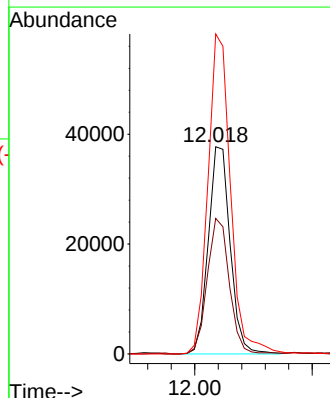
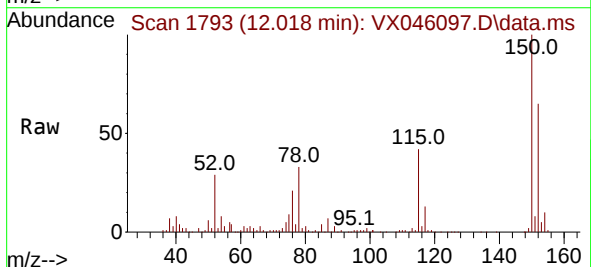
Tgt Ion:152 Resp: 48843

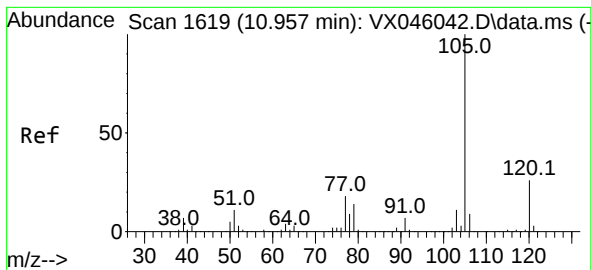
Ion Ratio Lower Upper

152 100

115 66.0 46.9 140.7

150 159.7 0.0 351.0





#73

Isopropylbenzene

Concen: 1.214 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX046097.D

Acq: 08 May 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

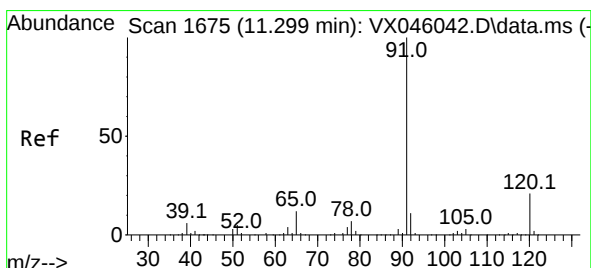
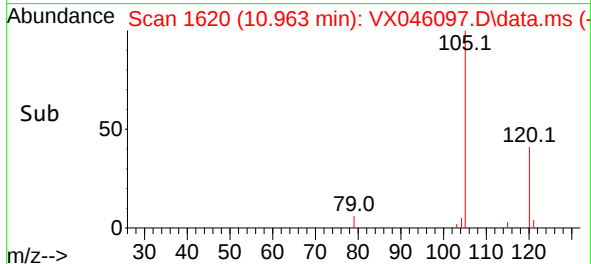
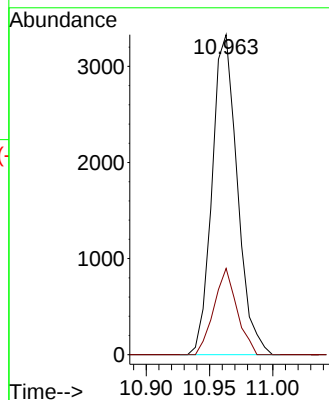
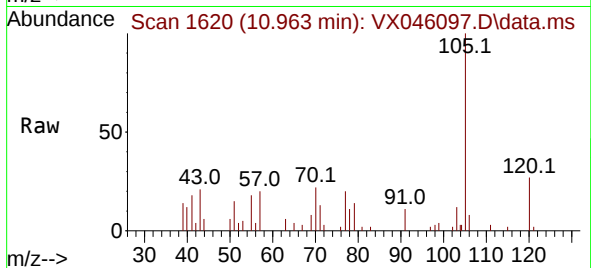
SILICA-GEL

Tgt Ion:105 Resp: 4616

Ion Ratio Lower Upper

105 100

120 24.6 12.8 38.4



#78

n-propylbenzene

Concen: 1.169 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046097.D

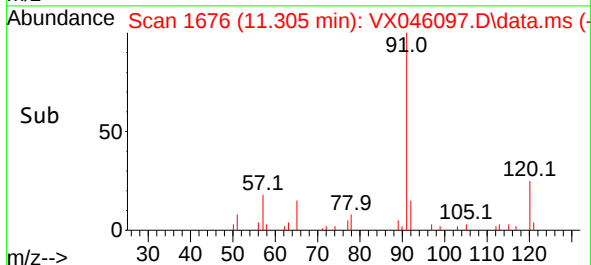
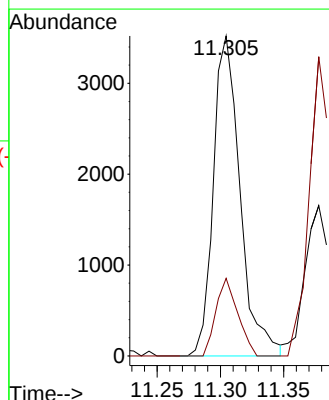
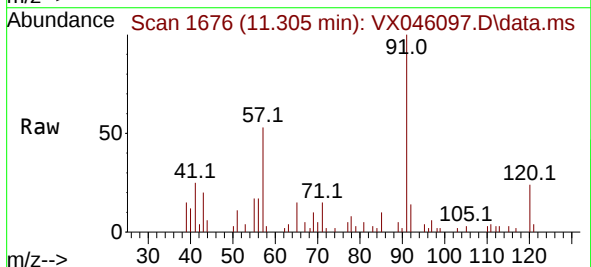
Acq: 08 May 2025 17:36

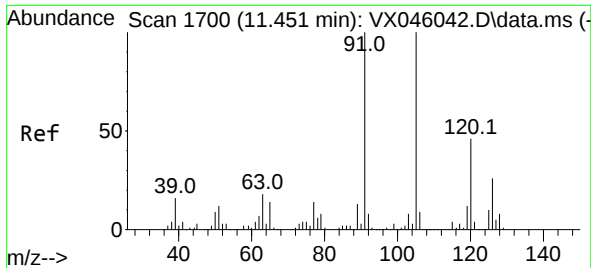
Tgt Ion: 91 Resp: 5167

Ion Ratio Lower Upper

91 100

120 19.8 10.8 32.4

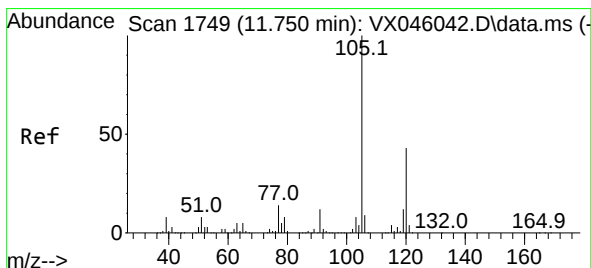
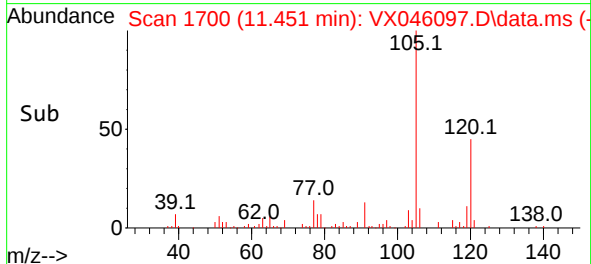
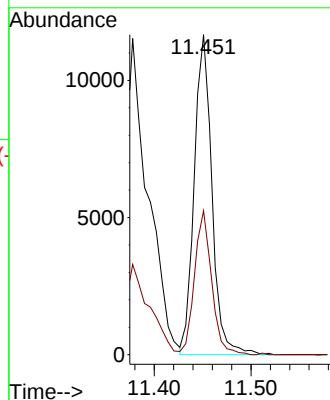
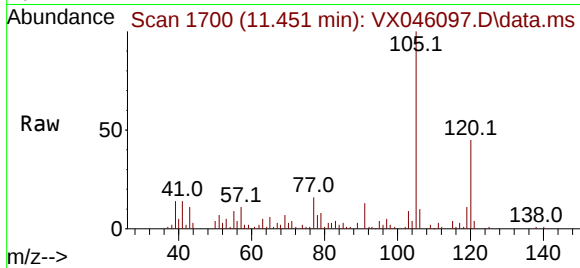




#80
 1,3,5-Trimethylbenzene
 Concen: 4.669 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX046097.D
 Acq: 08 May 2025 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 SILICA-GEL

Tgt Ion:105 Resp: 14831
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.1 69.2



#84
 1,2,4-Trimethylbenzene
 Concen: 7.009 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046097.D
 Acq: 08 May 2025 17:36

Tgt Ion:105 Resp: 22547
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.2 63.6

