

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046494.D
 Acq On : 04 Jun 2025 12:41
 Operator : JC/MD
 Sample : Q2168-12DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C2DL

Quant Time: Jun 05 01:46:48 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)

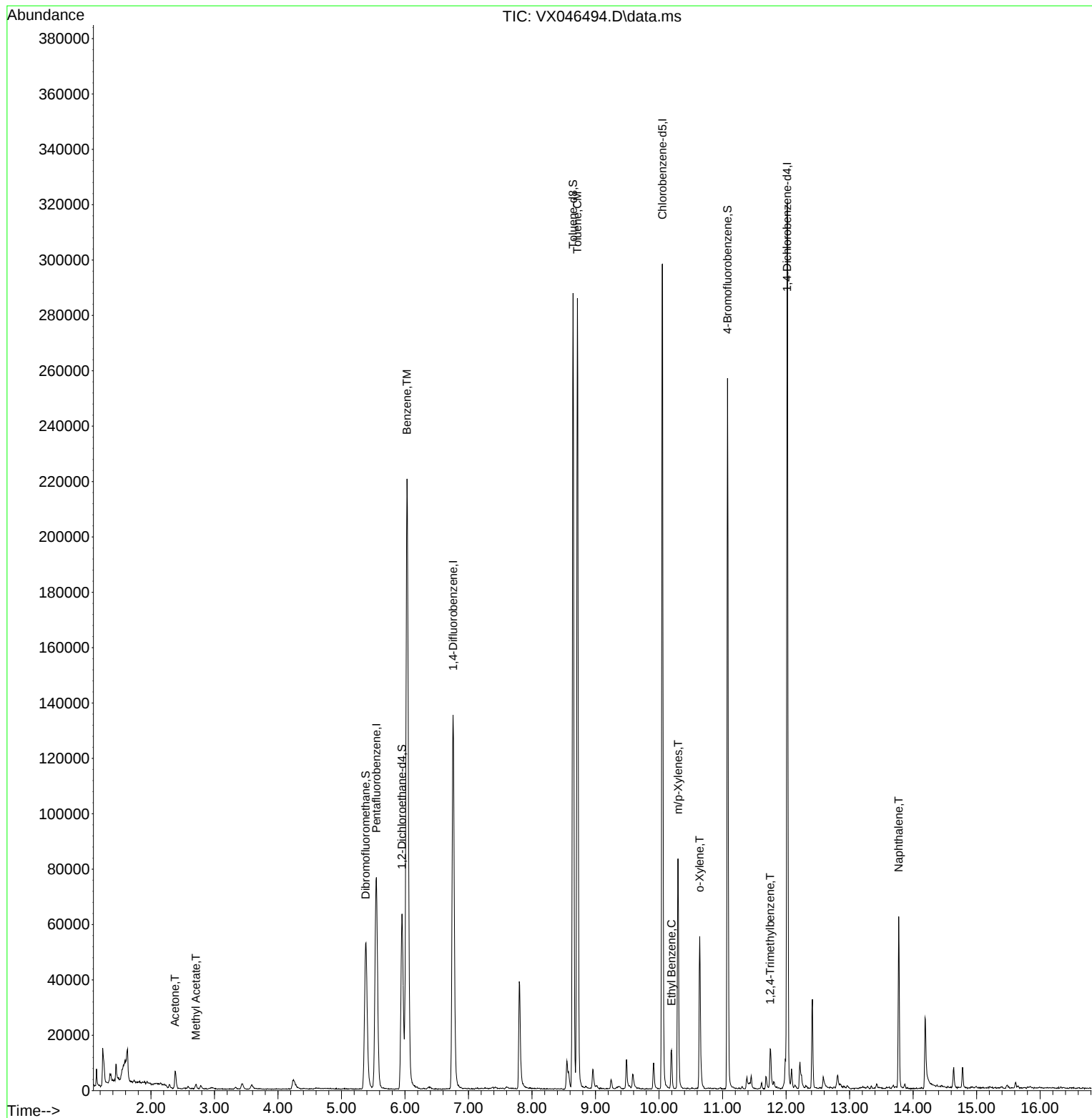
Internal Standards						
1) Pentafluorobenzene	5.550	168	65649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62901	51.394	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.780%		
35) Dibromofluoromethane	5.379	113	46816	49.366	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.740%		
50) Toluene-d8	8.647	98	163768	49.894	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.780%		
62) 4-Bromofluorobenzene	11.079	95	67912	53.939	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 107.880%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	7281	14.837	ug/l	98
18) Methyl Acetate	2.709	43	1945	1.708	ug/l	94
40) Benzene	6.031	78	254641	68.228	ug/l	99
52) Toluene	8.714	92	103140	45.068	ug/l	100
67) Ethyl Benzene	10.195	91	8751	1.803	ug/l	96
68) m/p-Xylenes	10.299	106	18335	10.327	ug/l	98
69) o-Xylene	10.640	106	11019	6.366	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	7711	1.980	ug/l	81
95) Naphthalene	13.774	128	36473	8.848	ug/l	98

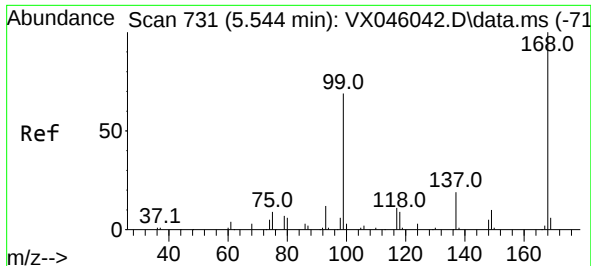
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

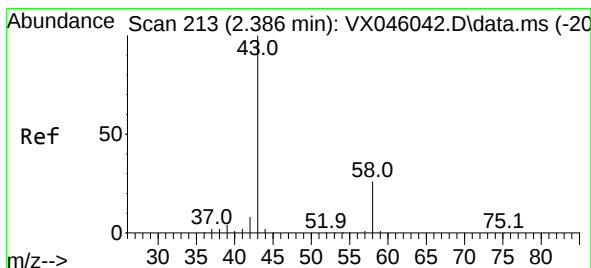
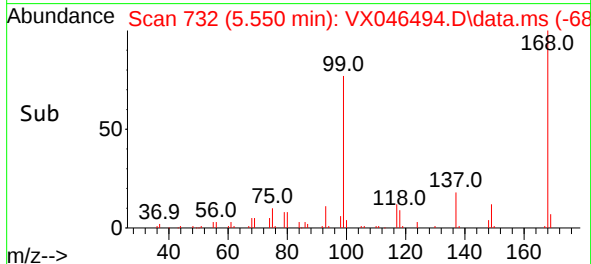
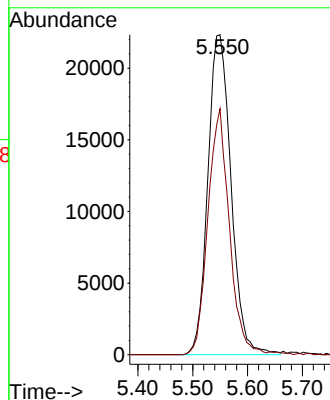
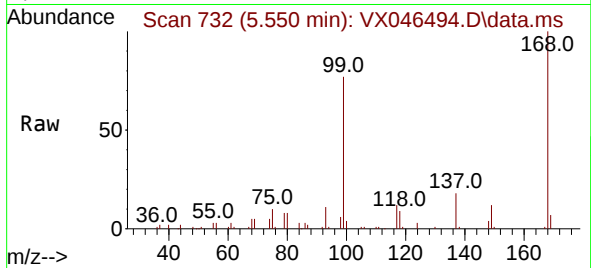




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

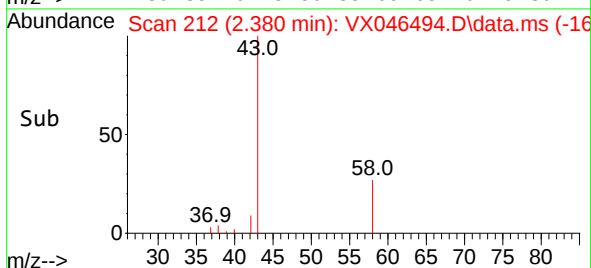
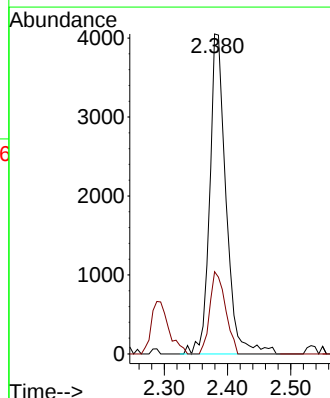
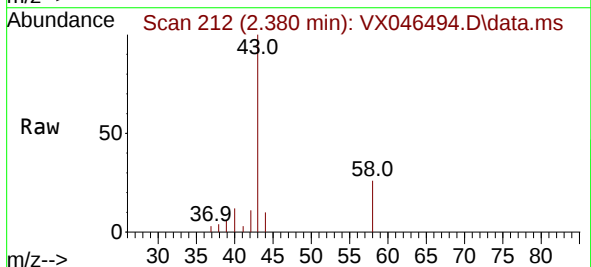
Instrument :
MSVOA_X
ClientSampleId :
C2DL

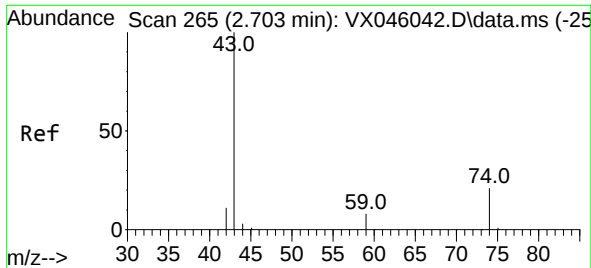
Tgt Ion:168 Resp: 65649
Ion Ratio Lower Upper
168 100
99 76.8 54.9 82.3



#16
Acetone
Concen: 14.837 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

Tgt Ion: 43 Resp: 7281
Ion Ratio Lower Upper
43 100
58 25.7 21.2 31.8

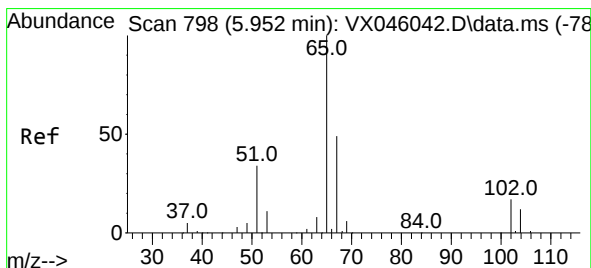
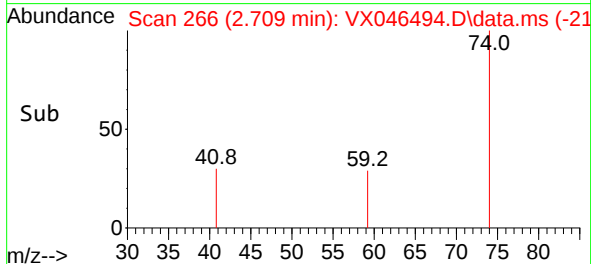
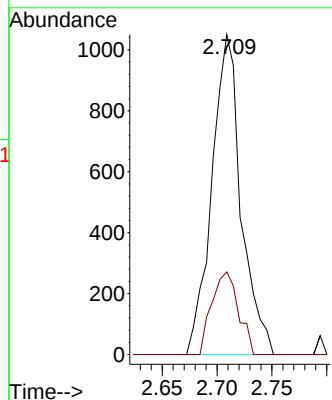
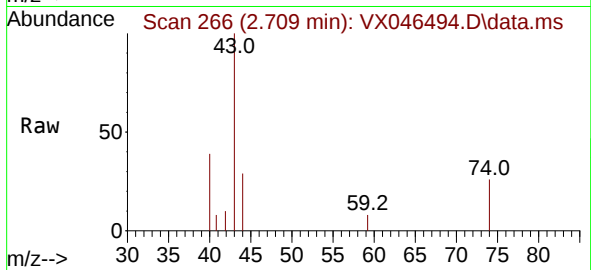




#18
Methyl Acetate
Concen: 1.708 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

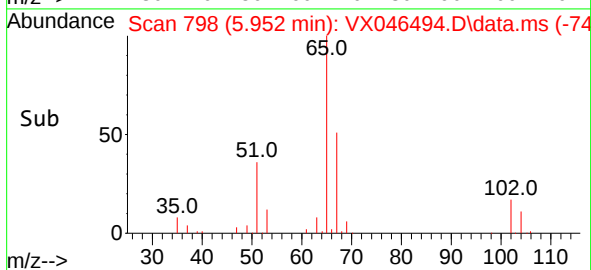
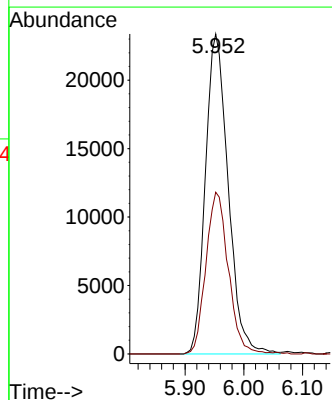
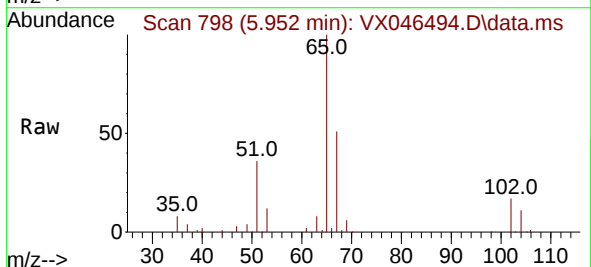
Instrument :
MSVOA_X
ClientSampleId :
C2DL

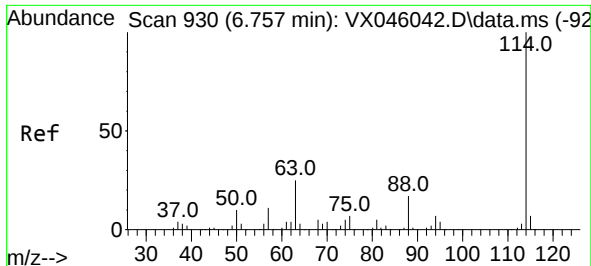
Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1



#33
1,2-Dichloroethane-d4
Concen: 51.394 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

Tgt Ion: 65 Resp: 62901
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

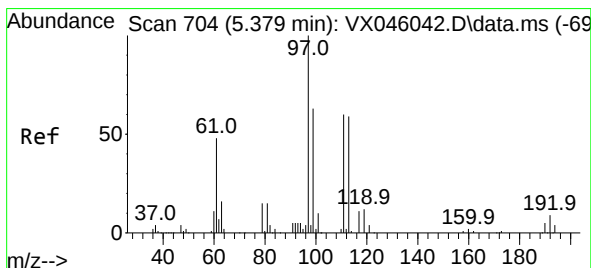
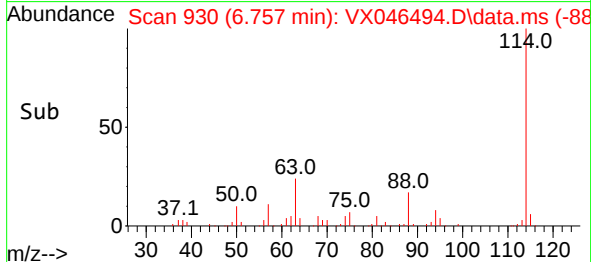
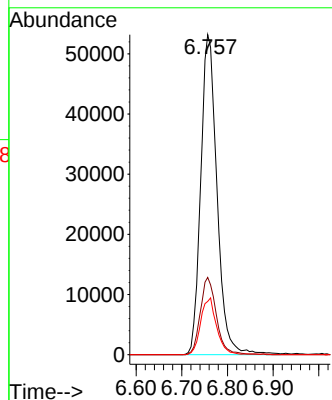
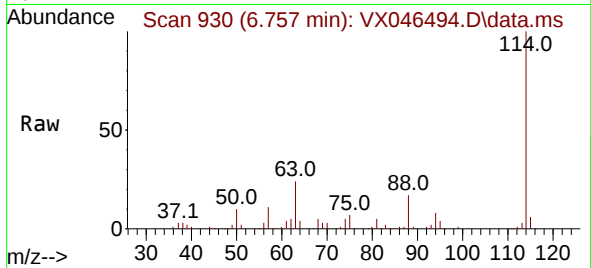




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

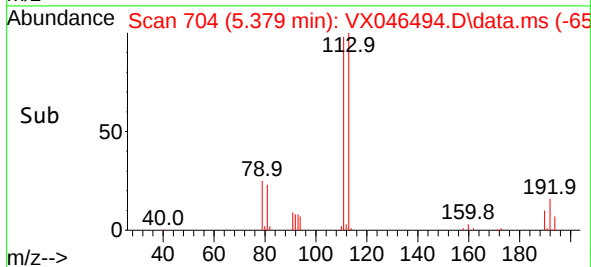
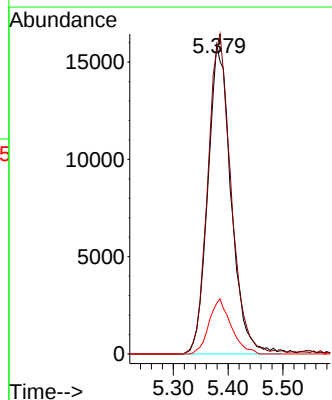
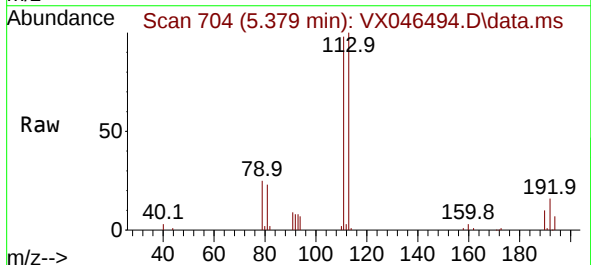
Instrument :
MSVOA_X
ClientSampleId :
C2DL

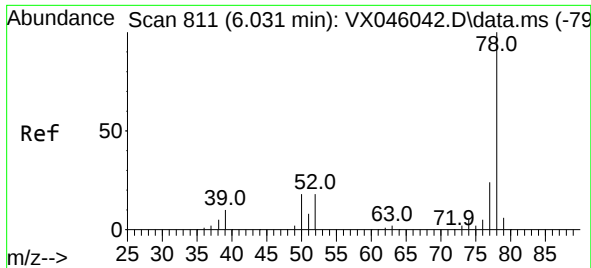
Tgt Ion:114 Resp: 131694
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.366 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

Tgt Ion:113 Resp: 46816
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.8 13.3 19.9

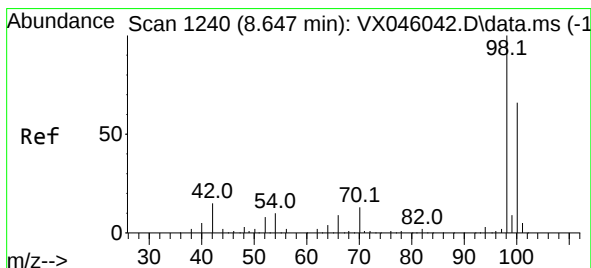
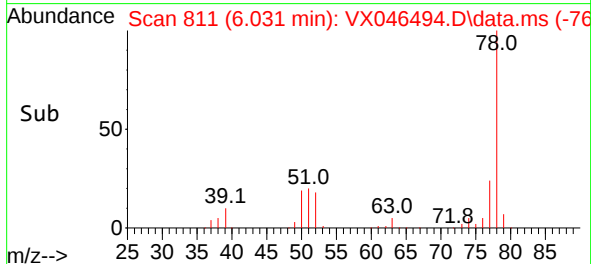
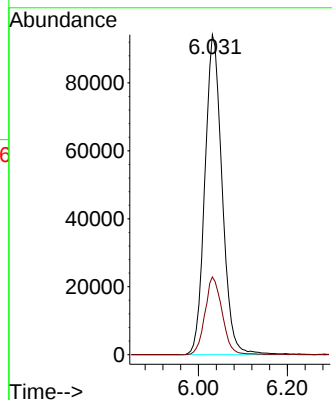
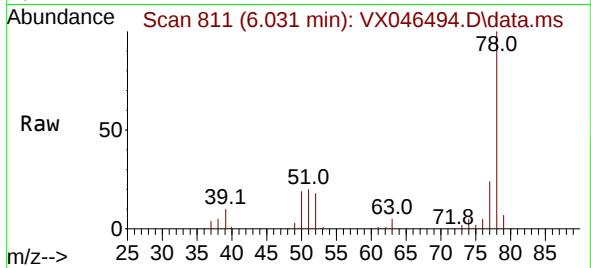




#40
Benzene
Concen: 68.228 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

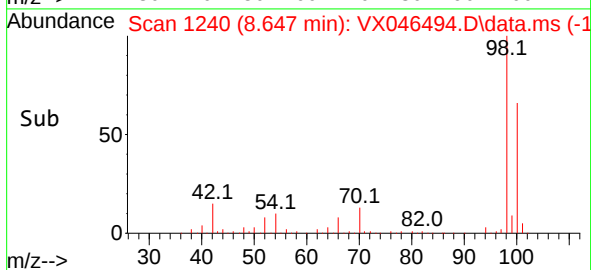
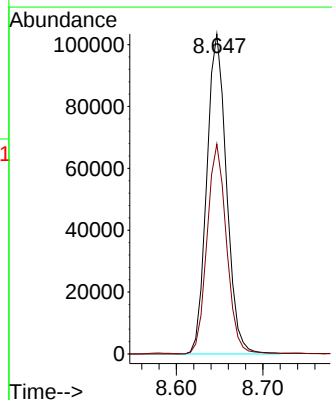
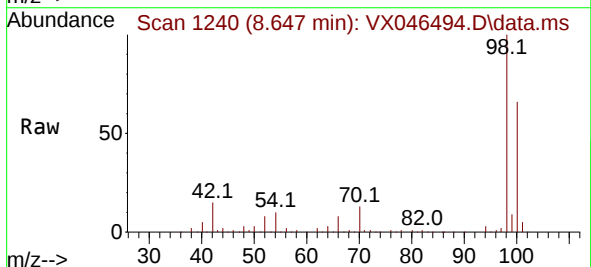
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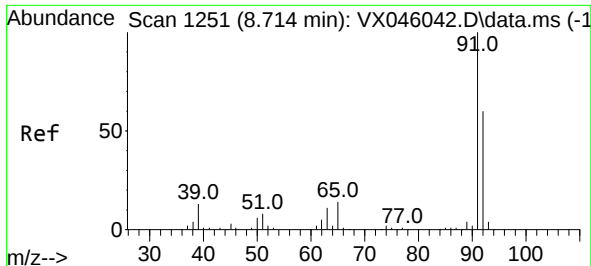
Tgt Ion: 78 Resp: 254641
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4



#50
Toluene-d8
Concen: 49.894 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

Tgt Ion: 98 Resp: 163768
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3

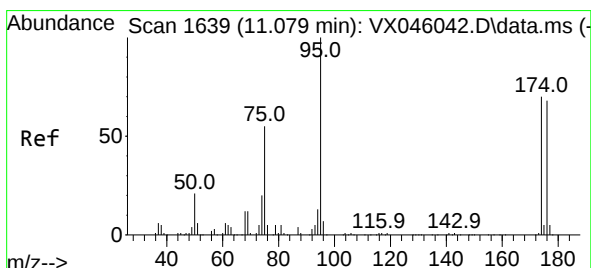
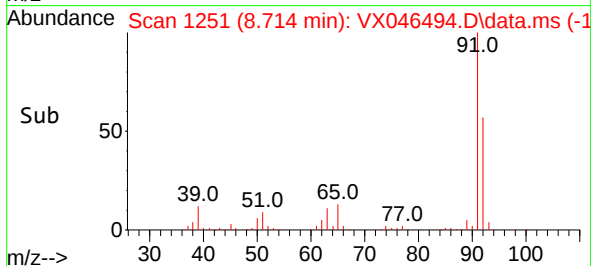
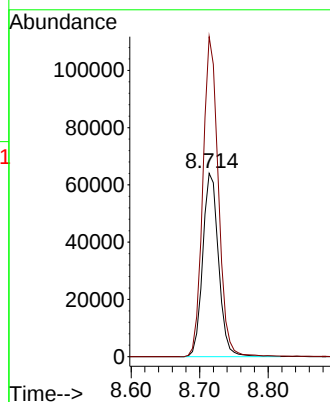
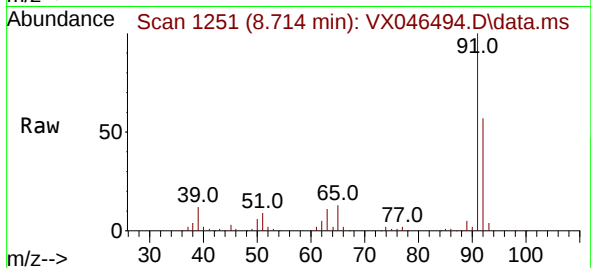




#52
Toluene
Concen: 45.068 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

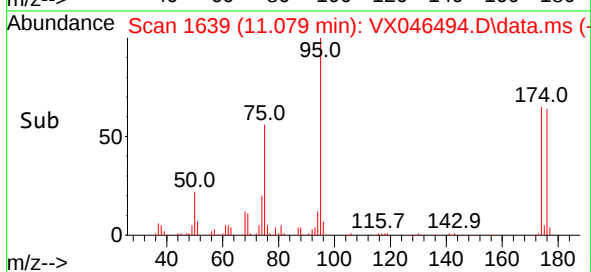
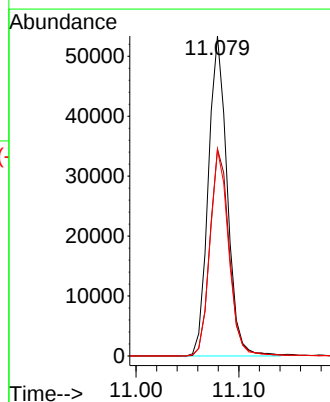
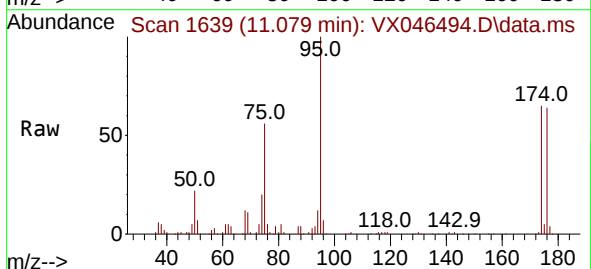
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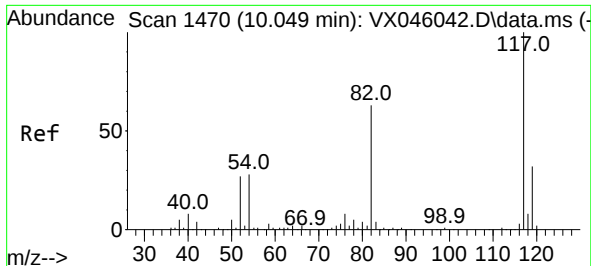
Tgt Ion: 92 Resp: 103140
Ion Ratio Lower Upper
92 100
91 170.9 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 53.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

Tgt Ion: 95 Resp: 67912
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 64.2 0.0 131.4

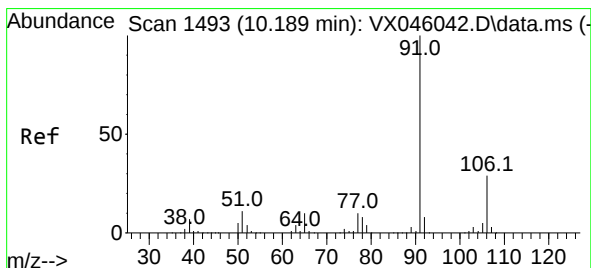
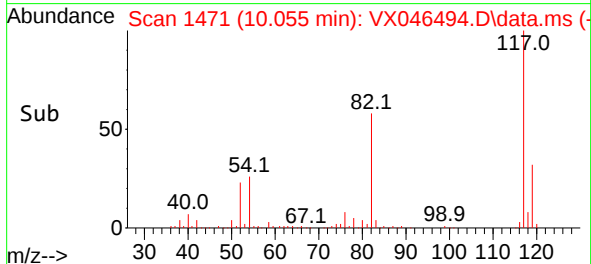
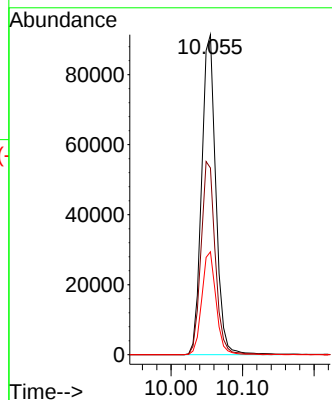
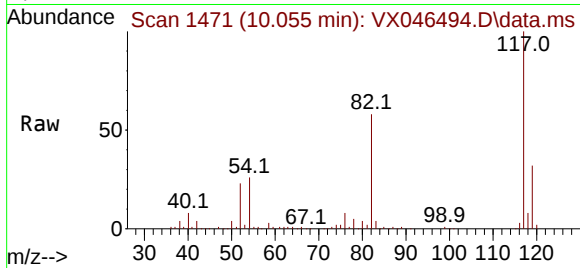




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

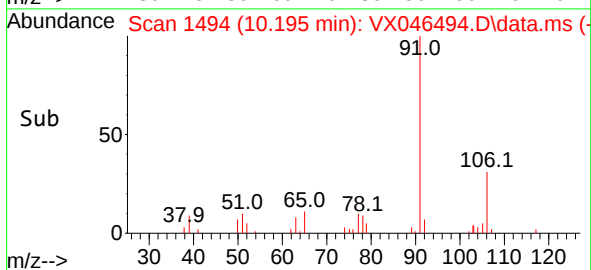
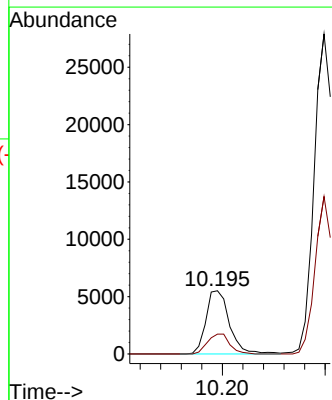
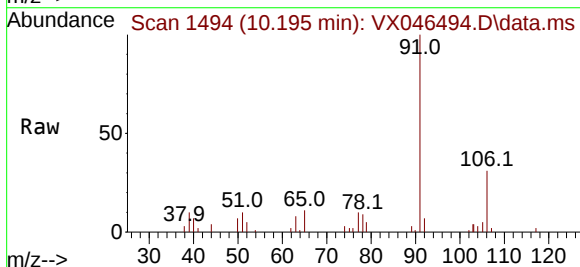
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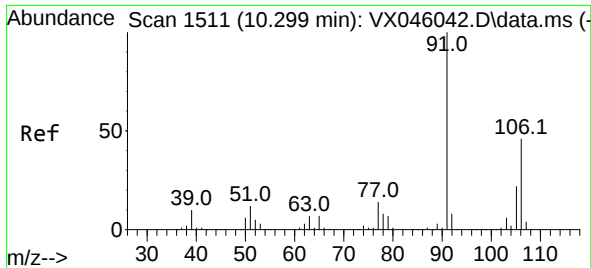
Tgt Ion:117 Resp: 125825
Ion Ratio Lower Upper
117 100
82 58.3 50.6 76.0
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 1.803 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

Tgt Ion: 91 Resp: 8751
Ion Ratio Lower Upper
91 100
106 31.4 23.4 35.2

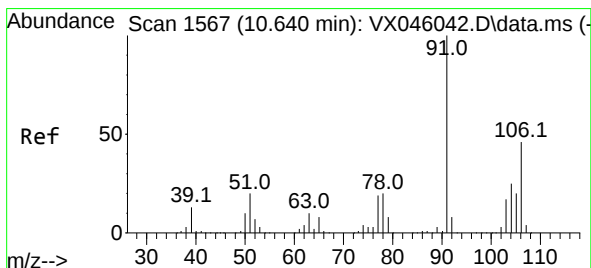
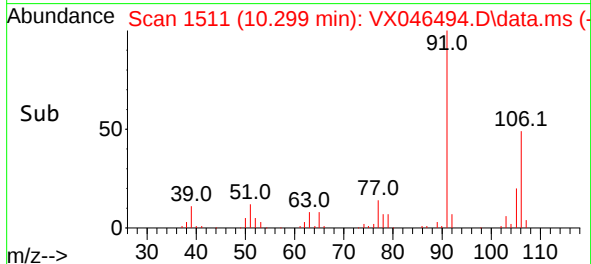
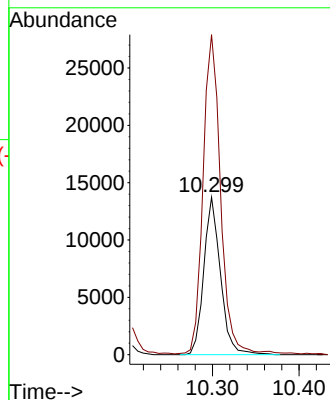
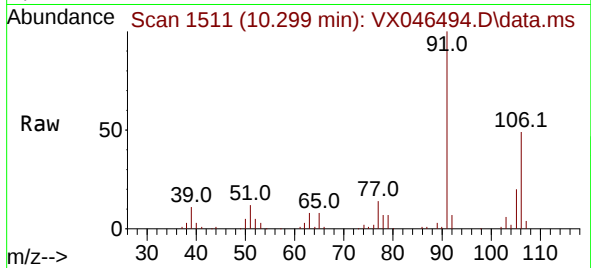




#68
m/p-Xylenes
Concen: 10.327 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

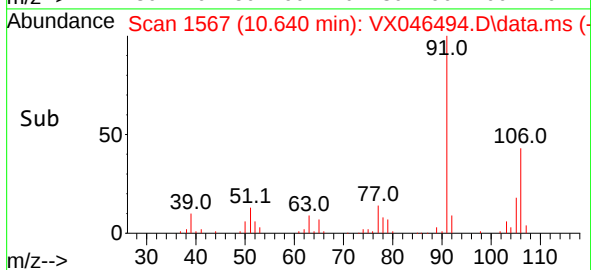
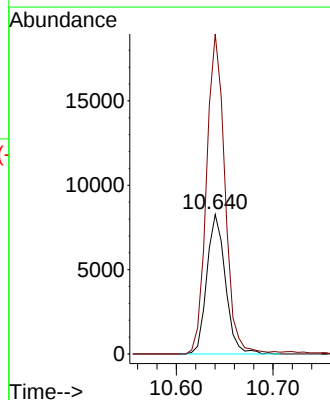
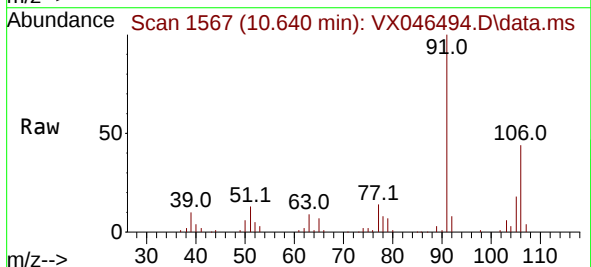
Instrument :
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ClientSampleId :
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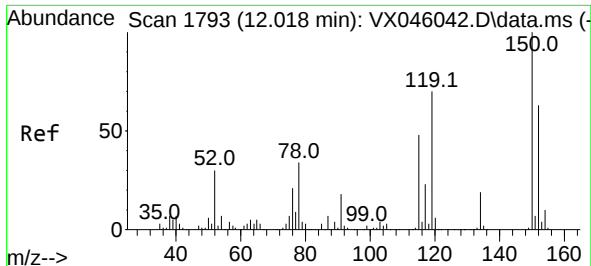
Tgt Ion:106 Resp: 18335
Ion Ratio Lower Upper
106 100
91 210.9 171.2 256.8



#69
o-Xylene
Concen: 6.366 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046494.D
Acq: 04 Jun 2025 12:41

Tgt Ion:106 Resp: 11019
Ion Ratio Lower Upper
106 100
91 227.0 112.7 338.1

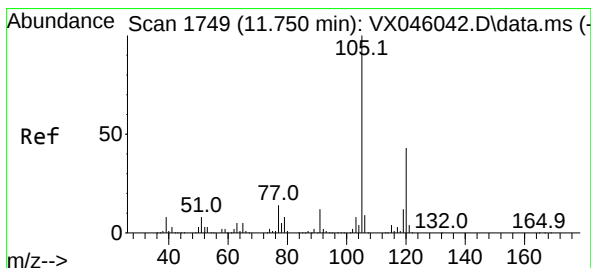
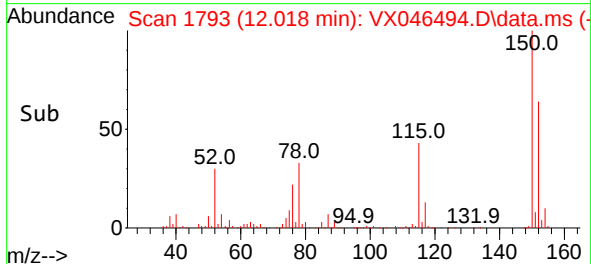
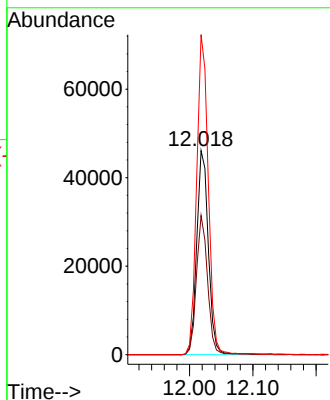
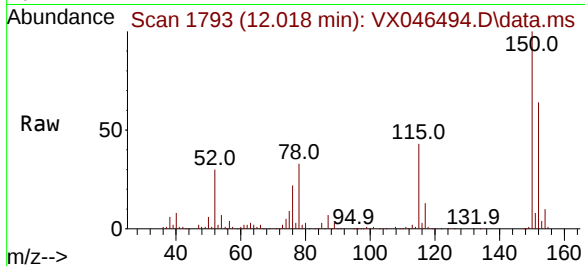




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046494.D
 Acq: 04 Jun 2025 12:41

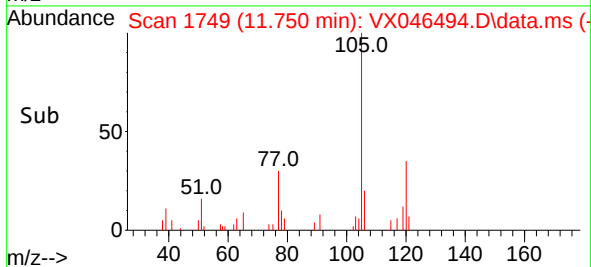
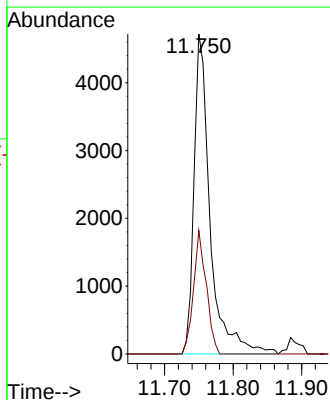
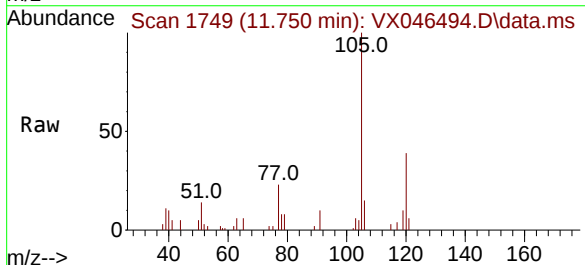
Instrument :
 MSVOA_X
 ClientSampleId :
 C2DL

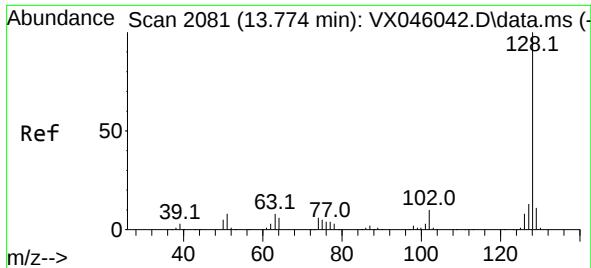
Tgt Ion:152 Resp: 59114
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 155.7 0.0 351.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.980 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046494.D
 Acq: 04 Jun 2025 12:41

Tgt Ion:105 Resp: 7711
 Ion Ratio Lower Upper
 105 100
 120 30.6 21.2 63.6





#95

Naphthalene

Concen: 8.848 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX046494.D

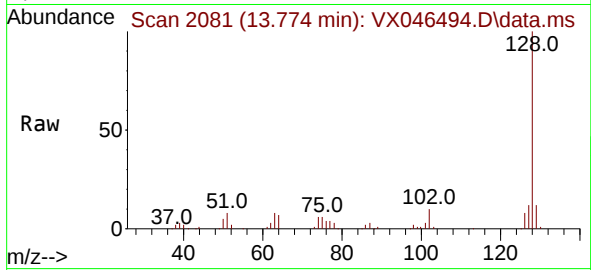
Acq: 04 Jun 2025 12:41

Instrument :

MSVOA_X

ClientSampleId :

C2DL



Tgt Ion:128 Resp: 36473

Ion Ratio Lower Upper

128 100

127 12.2 10.4 15.6

129 11.2 8.6 13.0

