

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046698.D
 Acq On : 13 Jun 2025 18:29
 Operator : JC/MD
 Sample : Q2301-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-URBAN-FILL-G

Quant Time: Jun 13 23:34:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

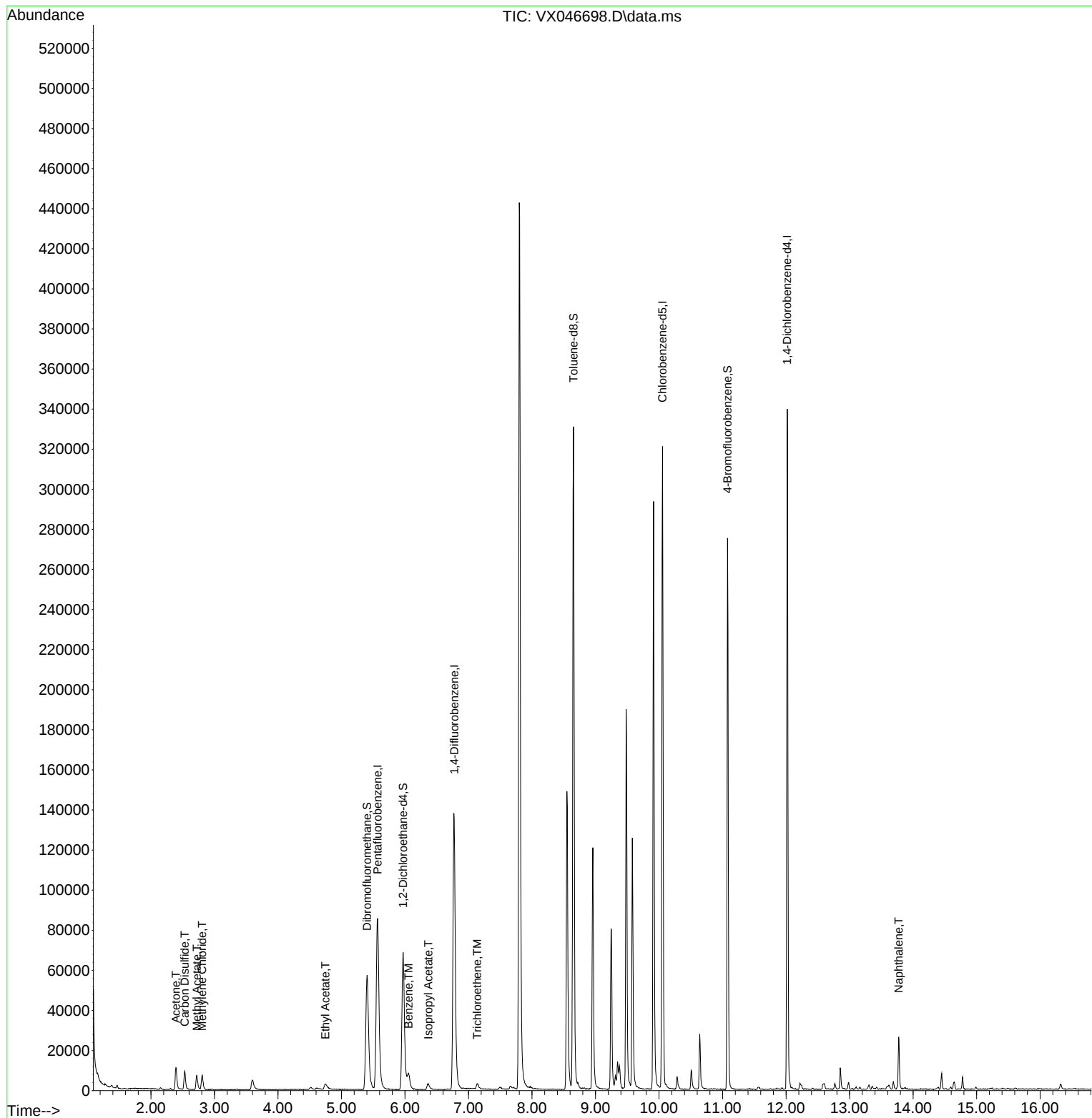
Internal Standards						
1) Pentafluorobenzene	5.568	168	81744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	146734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	73346	50.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.860%	
35) Dibromofluoromethane	5.403	113	54802	50.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.580%	
50) Toluene-d8	8.653	98	193180	54.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	11.079	95	73646	50.034	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.060%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	14837	30.097	ug/l	90
17) Carbon Disulfide	2.532	76	12706	6.343	ug/l	98
18) Methyl Acetate	2.721	43	10230	5.906	ug/l	100
20) Methylene Chloride	2.806	84	3324	2.849	ug/l	89
37) Ethyl Acetate	4.745	43	5682	3.777	ug/l #	92
40) Benzene	6.056	78	9247	2.131	ug/l	96
43) Isopropyl Acetate	6.367	43	4978	1.898	ug/l	96
44) Trichloroethene	7.135	130	1121	1.017	ug/l	91
95) Naphthalene	13.774	128	16348	3.331	ug/l	100

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

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WC-URBAN-FILL-G

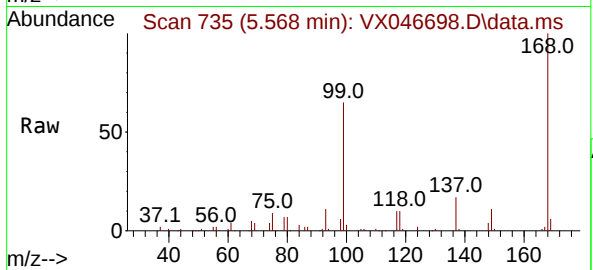
Quant Time: Jun 13 23:34:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
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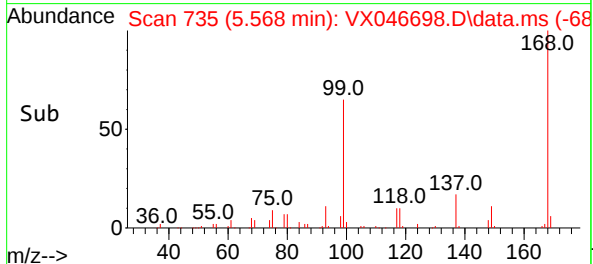
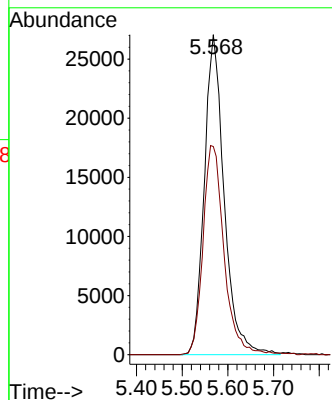


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

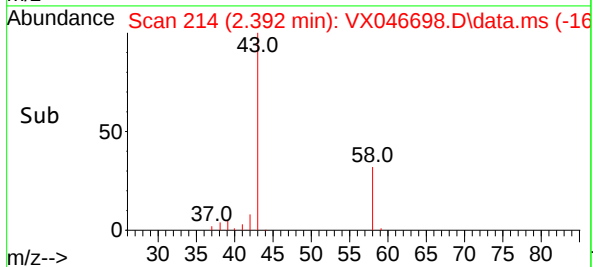
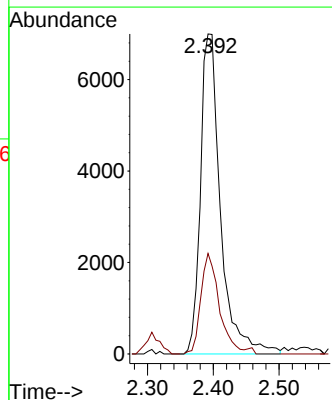
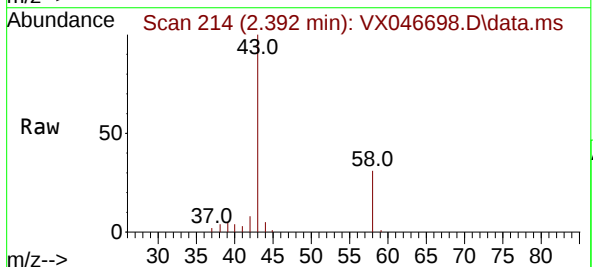


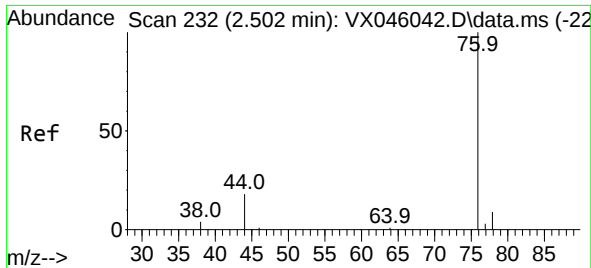
Tgt Ion:168 Resp: 81744
Ion Ratio Lower Upper
168 100
99 65.0 54.9 82.3



#16
Acetone
Concen: 30.097 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 43 Resp: 14837
Ion Ratio Lower Upper
43 100
58 31.4 21.2 31.8

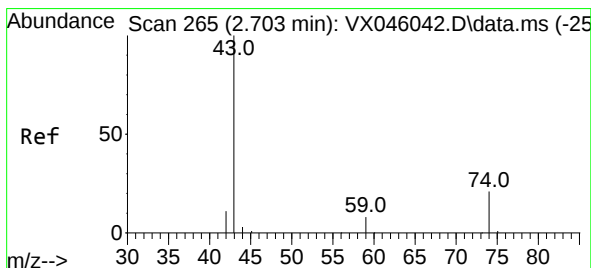
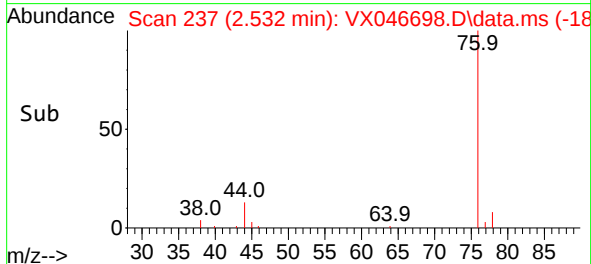
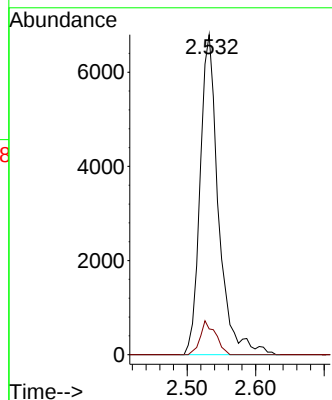
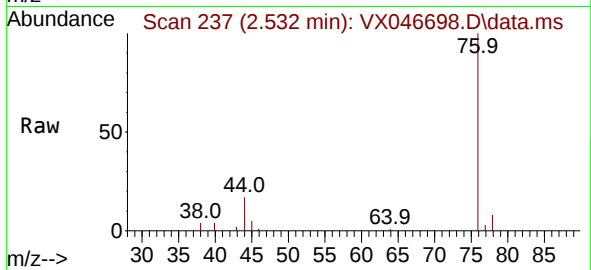




#17
Carbon Disulfide
Concen: 6.343 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

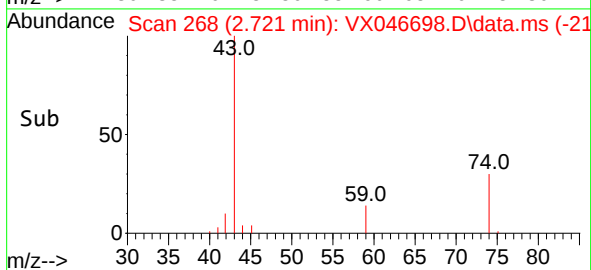
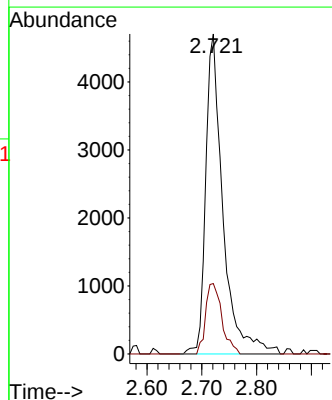
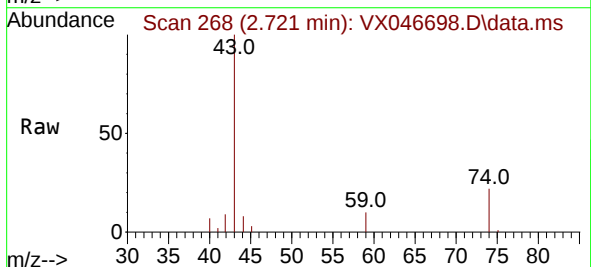
Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

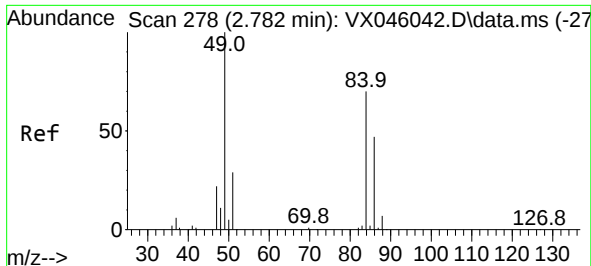
Tgt Ion: 76 Resp: 12706
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#18
Methyl Acetate
Concen: 5.906 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 43 Resp: 10230
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1



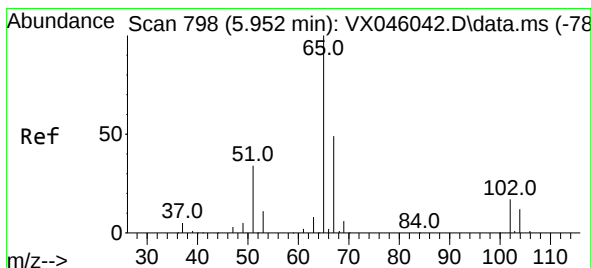
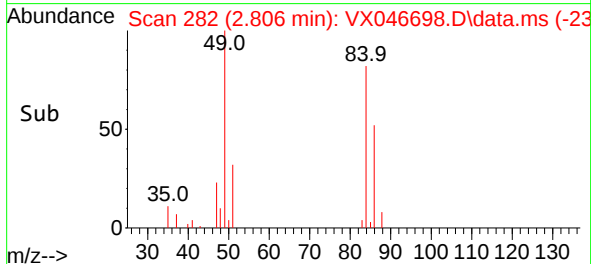
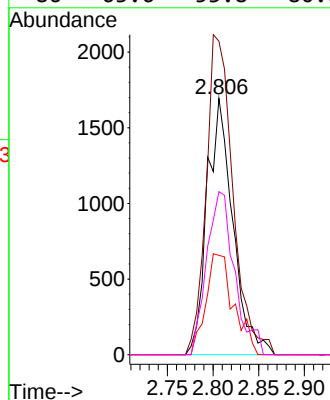
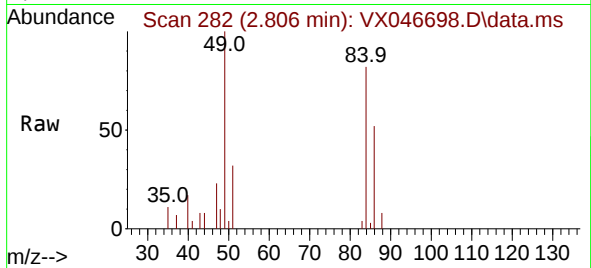


#20
Methylene Chloride
Concen: 2.849 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

Tgt Ion: 84 Resp: 3324

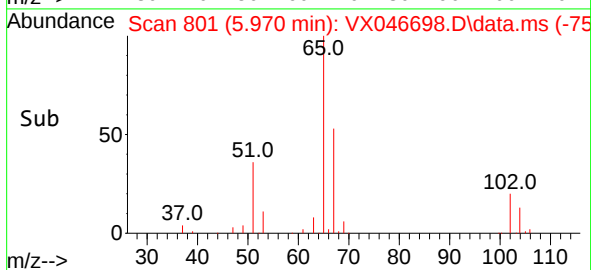
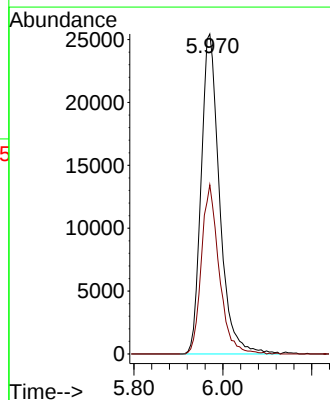
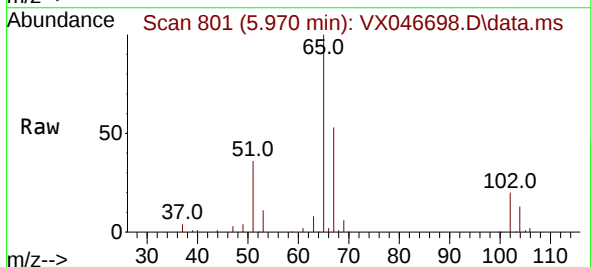
Ion	Ratio	Lower	Upper
84	100		
49	122.3	113.9	170.9
51	38.8	33.5	50.3
86	63.6	53.8	80.8

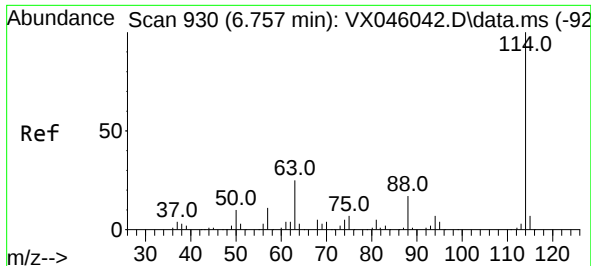


#33
1,2-Dichloroethane-d4
Concen: 50.434 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 65 Resp: 73346

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.0

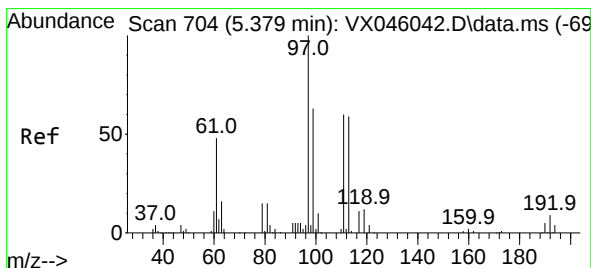
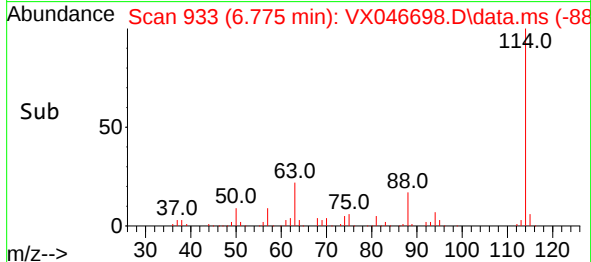
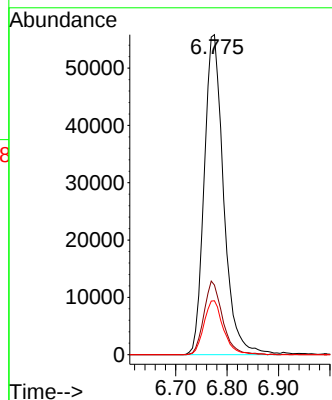
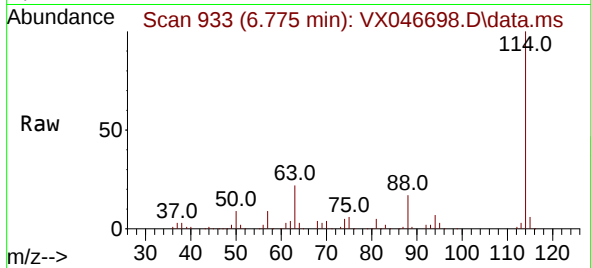




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

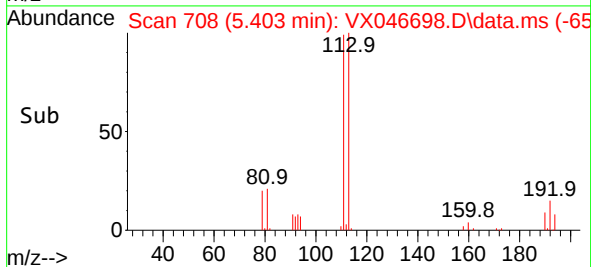
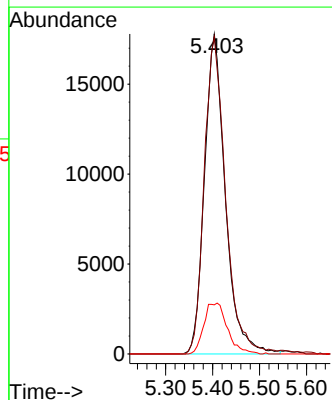
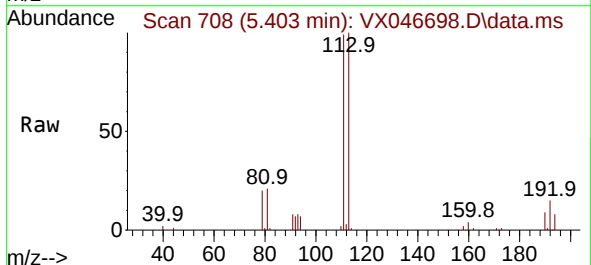
Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

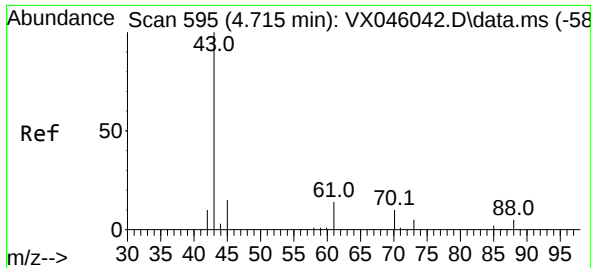
Tgt Ion:114 Resp: 146734
Ion Ratio Lower Upper
114 100
63 21.7 0.0 49.2
88 16.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.786 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion:113 Resp: 54802
Ion Ratio Lower Upper
113 100
111 101.1 83.1 124.7
192 17.9 13.3 19.9





#37

Ethyl Acetate

Concen: 3.777 ug/l

RT: 4.745 min Scan# 60

Delta R.T. 0.012 min

Lab File: VX046698.D

Acq: 13 Jun 2025 18:29

Instrument :

MSVOA_X

ClientSampleId :

WC-URBAN-FILL-G

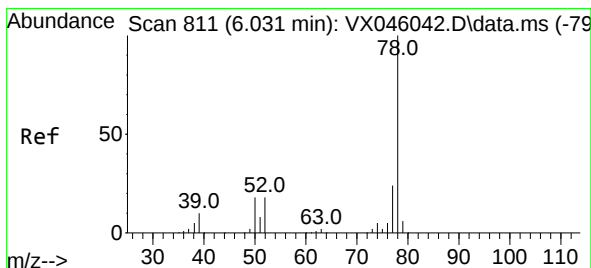
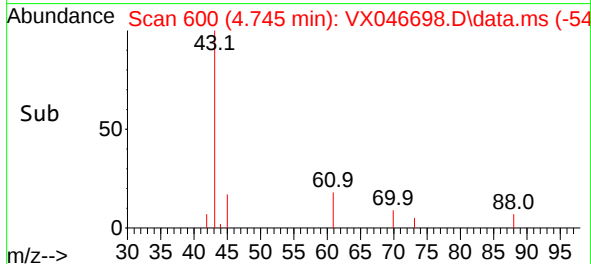
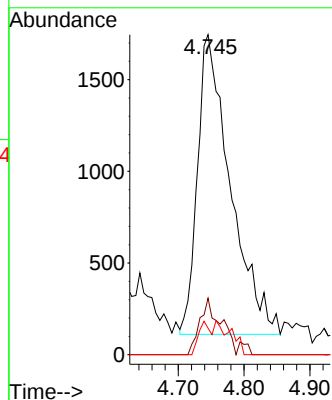
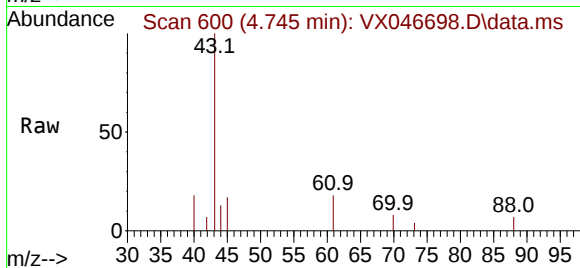
Tgt Ion: 43 Resp: 5682

Ion Ratio Lower Upper

43 100

61 12.0 10.3 15.5

70 4.1 7.9 11.9#



#40

Benzene

Concen: 2.131 ug/l

RT: 6.056 min Scan# 815

Delta R.T. -0.000 min

Lab File: VX046698.D

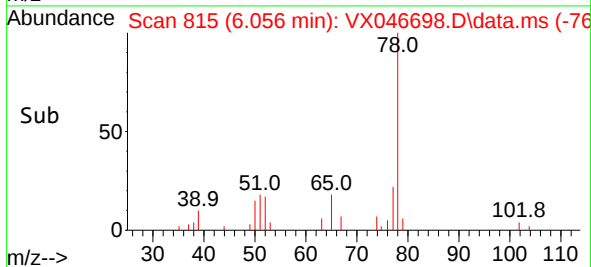
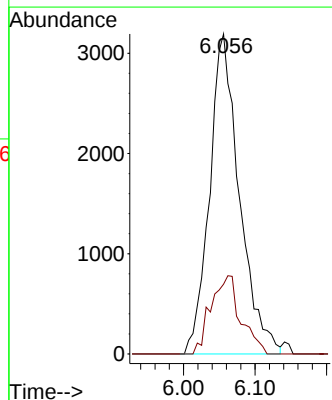
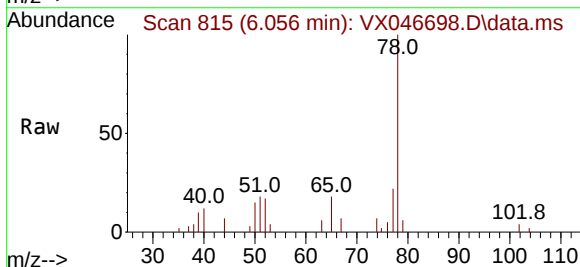
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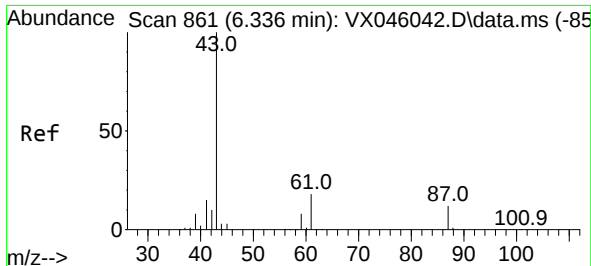
Tgt Ion: 78 Resp: 9247

Ion Ratio Lower Upper

78 100

77 21.8 19.0 28.4





#43

Isopropyl Acetate

Concen: 1.898 ug/l

RT: 6.367 min Scan# 866

Delta R.T. 0.013 min

Lab File: VX046698.D

Acq: 13 Jun 2025 18:29

Instrument :

MSVOA_X

ClientSampleId :

WC-URBAN-FILL-G

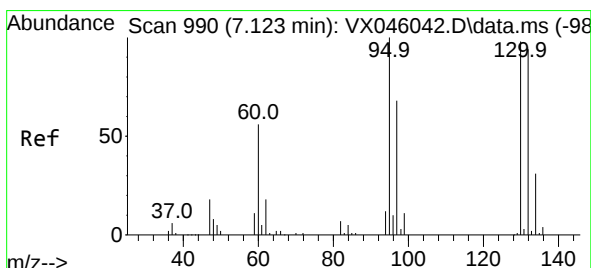
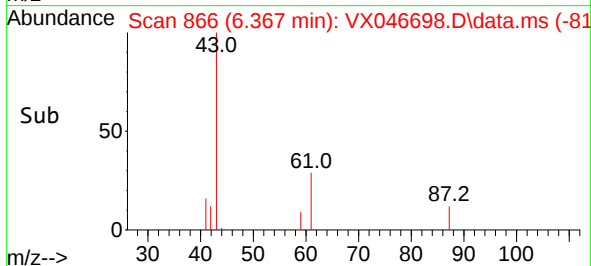
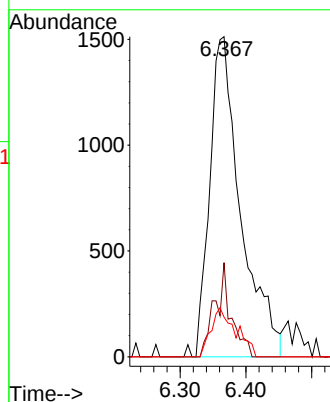
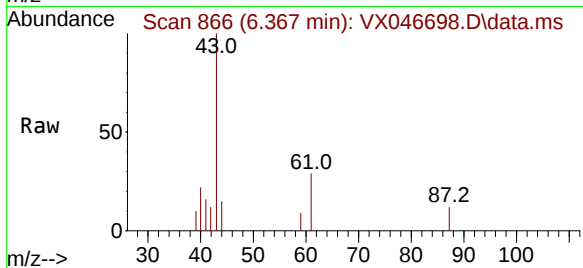
Tgt Ion: 43 Resp: 4978

Ion Ratio Lower Upper

43 100

61 15.3 14.3 21.5

87 12.3 9.5 14.3



#44

Trichloroethene

Concen: 1.017 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX046698.D

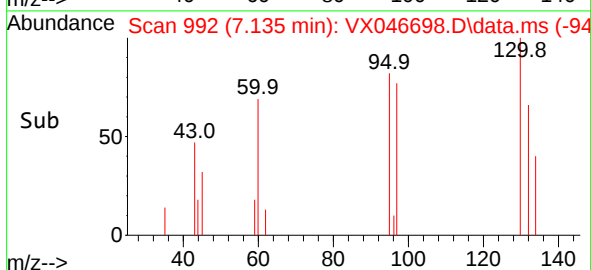
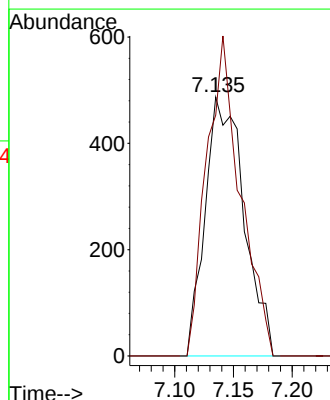
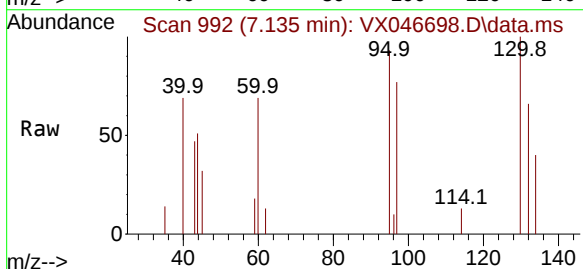
Acq: 13 Jun 2025 18:29

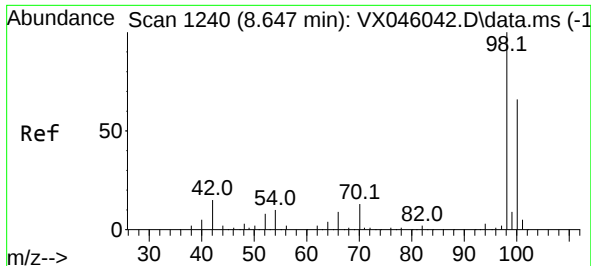
Tgt Ion:130 Resp: 1121

Ion Ratio Lower Upper

130 100

95 93.0 0.0 204.2

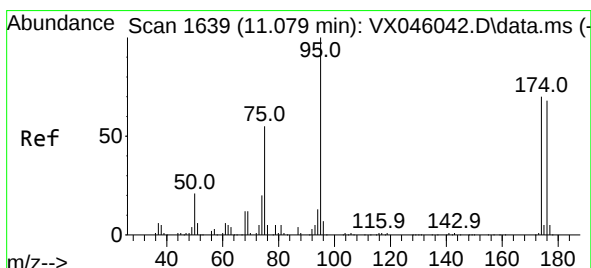
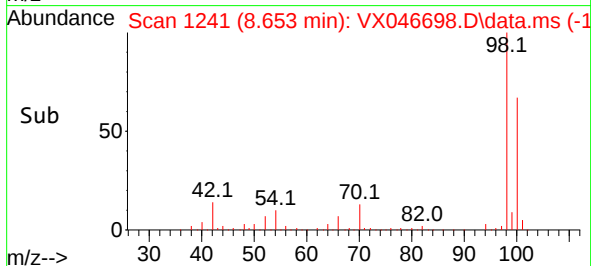
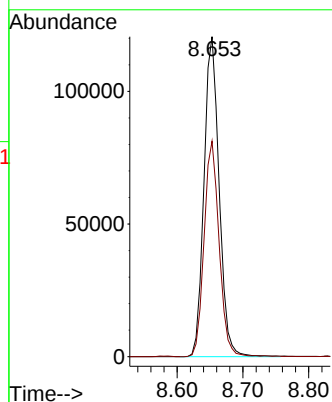
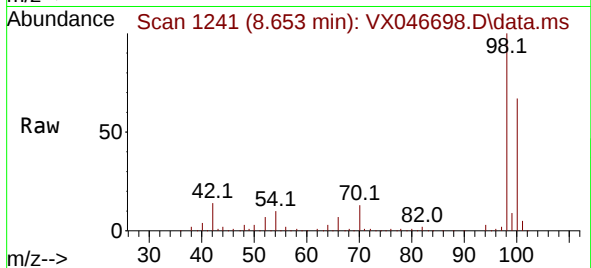




#50
Toluene-d8
Concen: 54.301 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

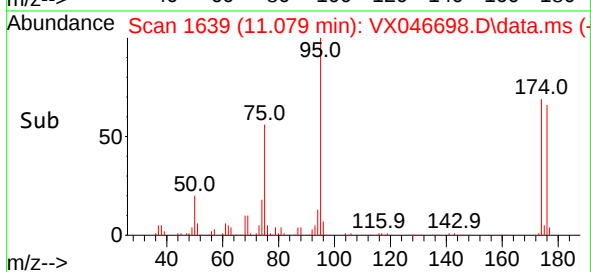
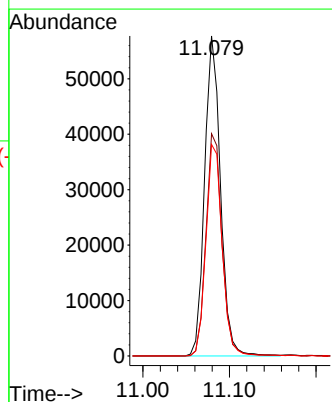
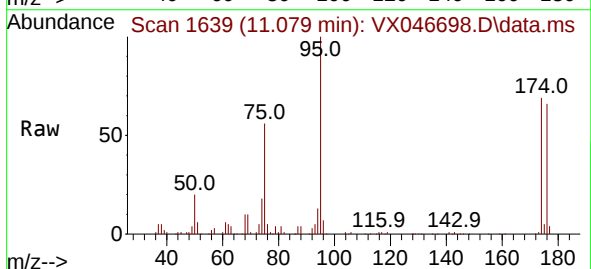
Instrument :
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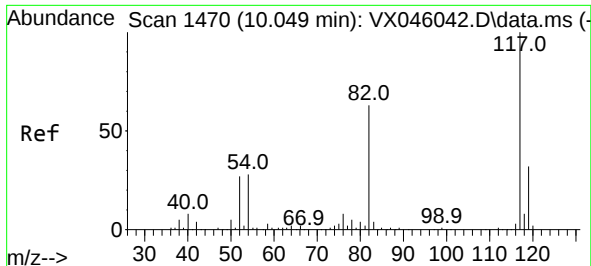
Tgt Ion: 98 Resp: 193180
Ion Ratio Lower Upper
98 100
100 66.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Tgt Ion: 95 Resp: 73646
Ion Ratio Lower Upper
95 100
174 70.1 0.0 135.8
176 67.7 0.0 131.4

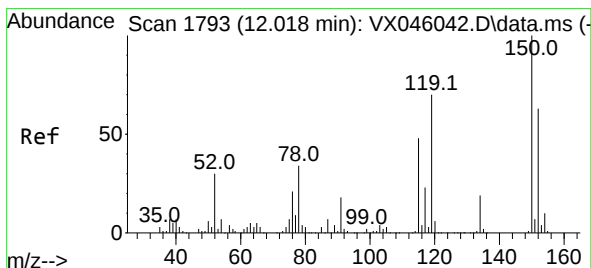
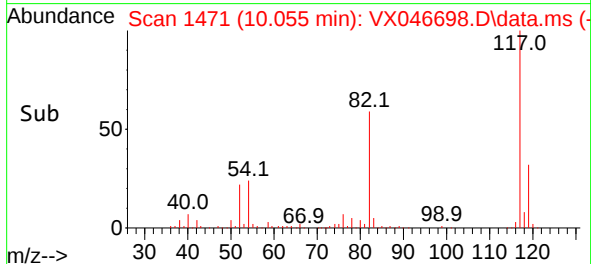
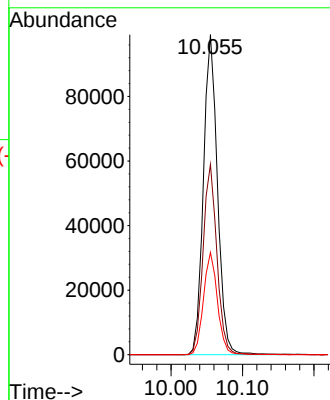
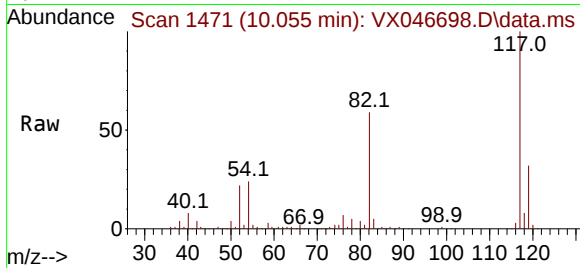




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

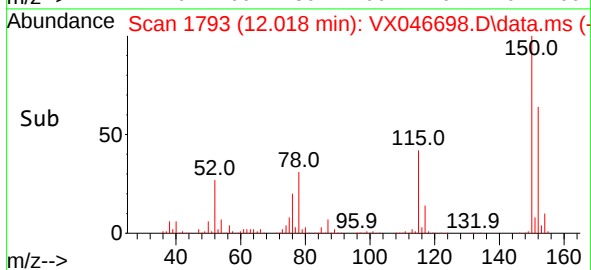
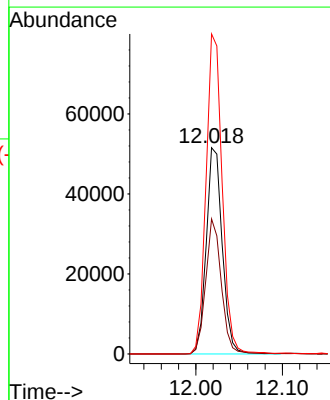
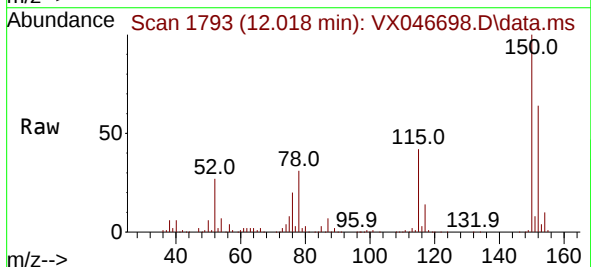
Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G

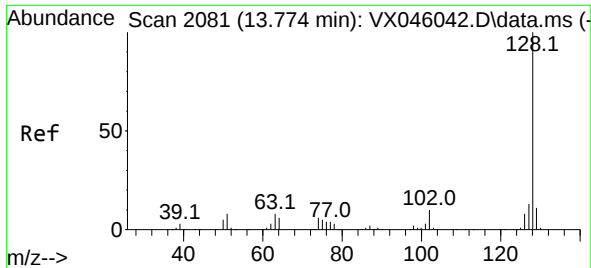
Tgt Ion:117 Resp: 135324
Ion Ratio Lower Upper
117 100
82 59.5 50.6 76.0
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

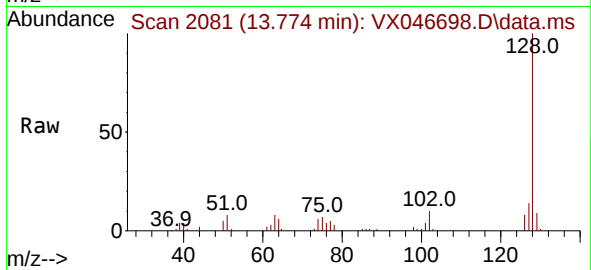
Tgt Ion:152 Resp: 66328
Ion Ratio Lower Upper
152 100
115 63.9 46.9 140.7
150 155.8 0.0 351.0





#95
Naphthalene
Concen: 3.331 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046698.D
Acq: 13 Jun 2025 18:29

Instrument :
MSVOA_X
ClientSampleId :
WC-URBAN-FILL-G



Tgt Ion:128 Resp: 16348
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0

