

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031614.D
 Acq On : 28 Jan 2025 13:27
 Operator : SY/MD
 Sample : Q1190-11RE
 Misc : 5.89g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:33:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	523198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	212750	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	30428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	283118	34.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.960%	
7) Chloroethane-d5	2.899	69	213958	36.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 145.960%	
11) 1,1-Dichloroethene-d2	4.015	65	112943	30.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 123.680%#	
21) 2-Butanone-d5	7.087	46	161606	122.451	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 244.900%#	
24) Chloroform-d	7.642	84	466397	34.445	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 137.760%	
26) 1,2-Dichloroethane-d4	8.496	65	52	0.008	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.040%#	
32) Benzene-d6	8.270	84	801799	59.998	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 240.000%#	
36) 1,2-Dichloropropane-d6	9.270	67	273647	69.353	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 277.400%#	
41) Toluene-d8	10.319	98	452927	37.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 150.160%#	
43) trans-1,3-Dichloroprop...	10.575	79	54474	33.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 134.480%	
47) 2-Hexanone-d5	10.922	63	63716	158.238	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 316.480%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114314	47.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 189.520%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	29488	27.630	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.216	50	5800	0.822	ug/L	100
6) Bromomethane	2.789	94	3553	0.676	ug/L	100
13) Acetone	4.149	43	78187	76.977	ug/L #	53
16) Methylene chloride	4.917	84	859	0.121	ug/L	88
33) Benzene	8.319	78	336624	23.119	ug/L	100
42) Toluene	10.386	91	60115	3.950	ug/L	97
44) trans-1,3-Dichloropropene	10.581	75	2604	0.566	ug/L	97
46) Tetrachloroethene	10.861	164	2978	1.060	ug/L	93
48) 2-Hexanone	10.922	43	7305	6.544	ug/L #	67
49) Dibromochloromethane	10.861	129	2767	1.072	ug/L #	12
52) Ethylbenzene	11.727	91	6842	0.392	ug/L	97
53) m,p-Xylene	11.831	106	3685	0.553	ug/L	87
54) o-Xylene	12.160	106	1885	0.305	ug/L	86
67) 1,2-Dichlorobenzene	13.861	146	807	0.448	ug/L	89
70) 1,2,4-trichlorobenzene	15.117	180	346	0.304	ug/L #	80
71) Naphthalene	15.360	128	2258	1.058	ug/L #	92

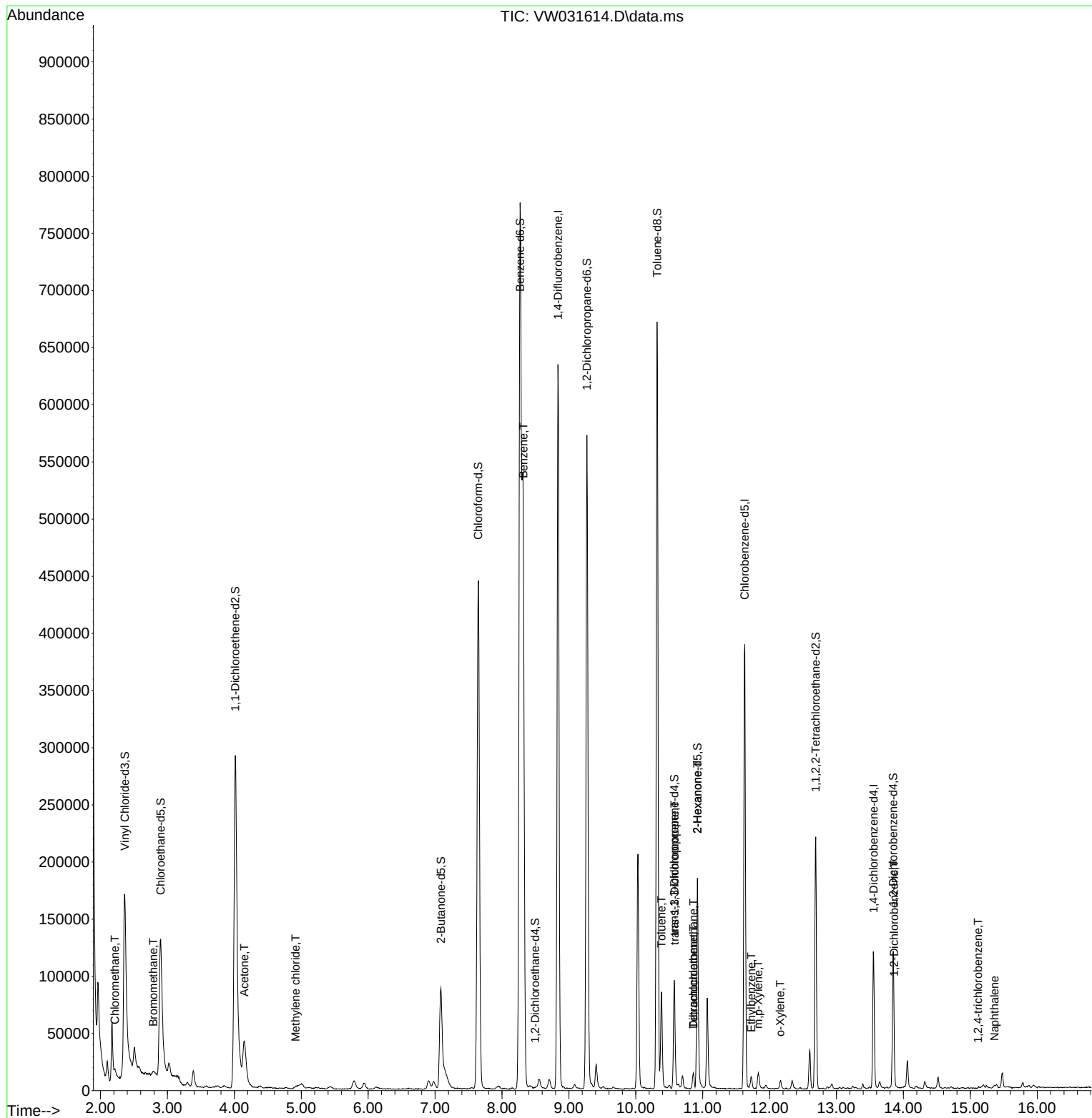
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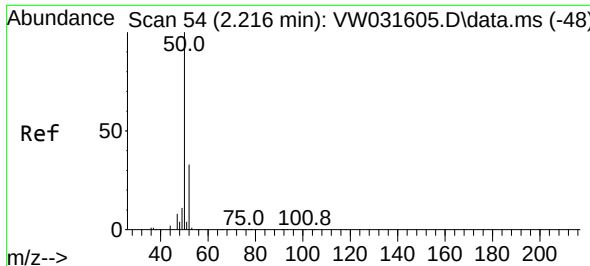
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
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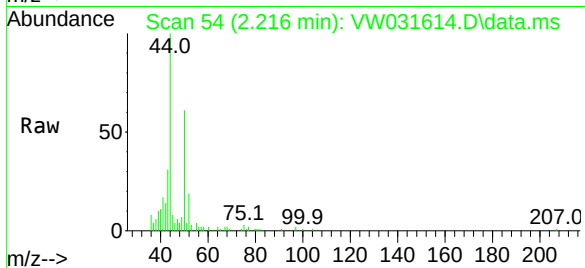
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Quant Title : SFAM01.0
QLast Update : Tue Jan 28 00:17:29 2025
Response via : Initial Calibration



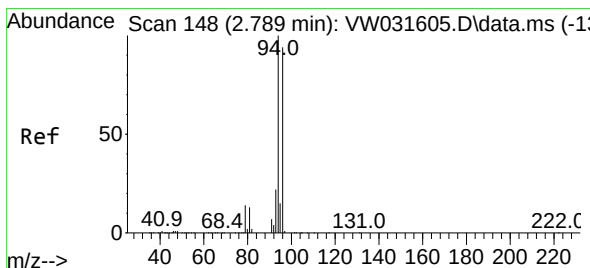
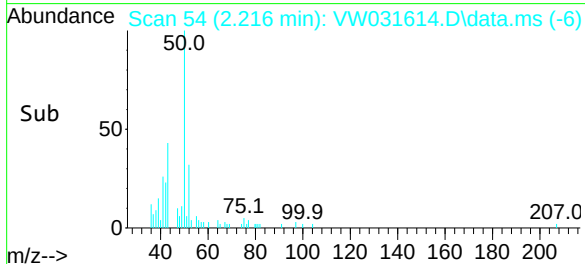
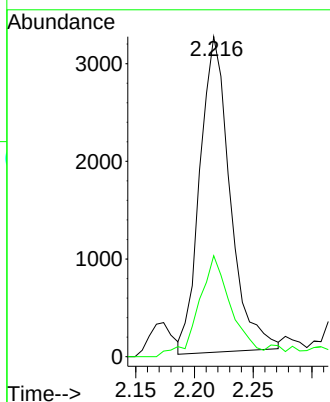


#3
Chloromethane
Concen: 0.822 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Instrument :
MSVOA_W
ClientSampleId :

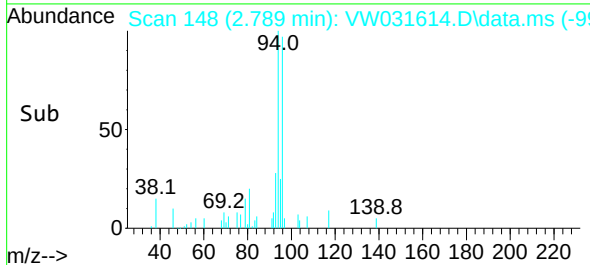
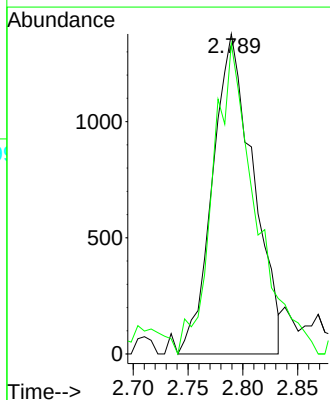
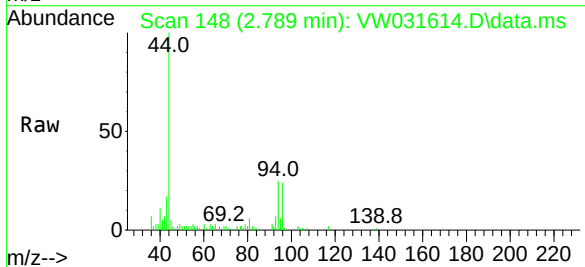


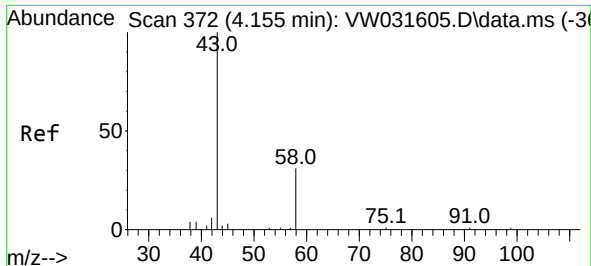
Tgt Ion: 50 Resp: 5800
Ion Ratio Lower Upper
50 100
52 31.6 22.3 41.3



#6
Bromomethane
Concen: 0.676 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Tgt Ion: 94 Resp: 3553
Ion Ratio Lower Upper
94 100
96 97.0 67.6 125.6

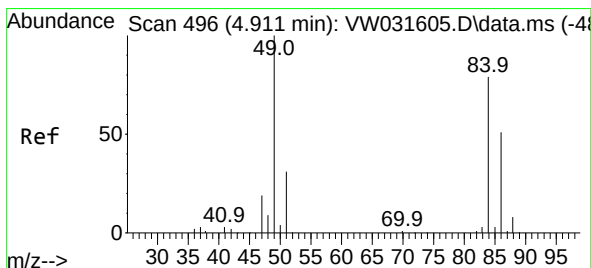
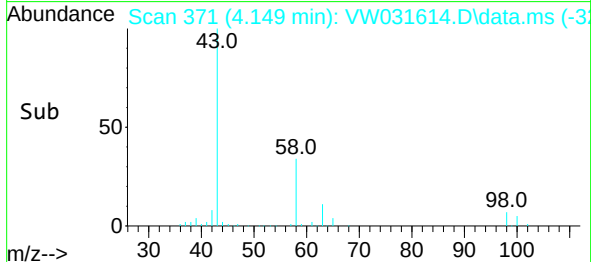
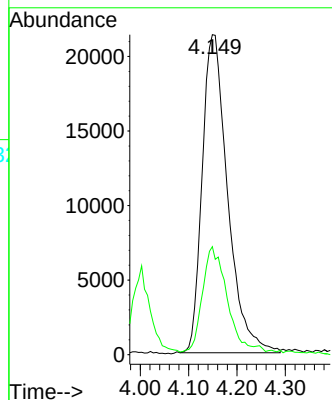
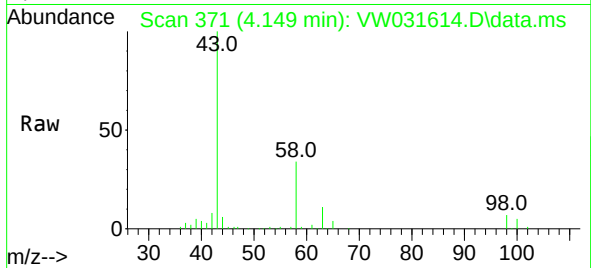




#13
Acetone
Concen: 76.977 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.018 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

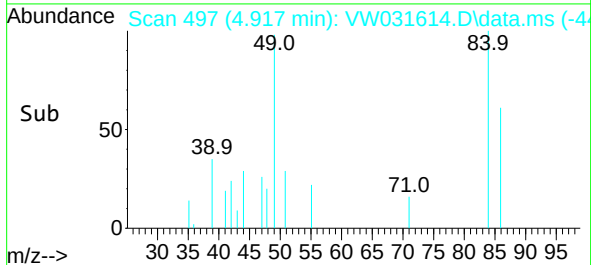
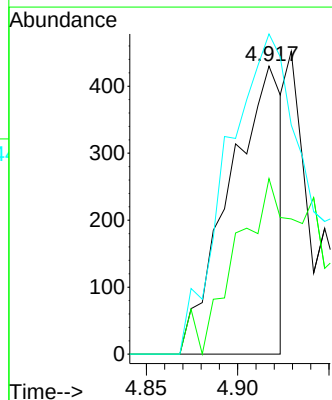
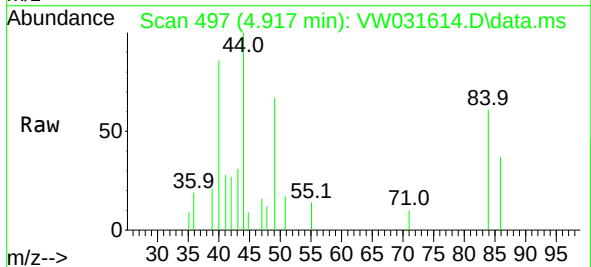
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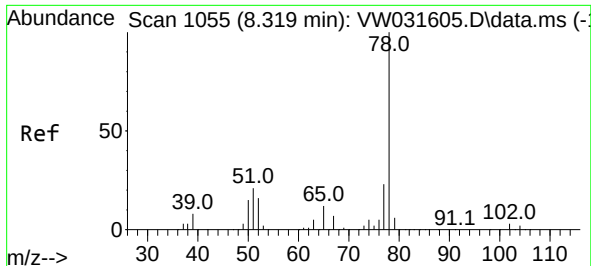
Tgt Ion: 43 Resp: 78187
Ion Ratio Lower Upper
43 100
58 33.3 0.0 28.2#



#16
Methylene chloride
Concen: 0.121 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Tgt Ion: 84 Resp: 859
Ion Ratio Lower Upper
84 100
86 60.9 47.0 87.2
49 111.2 89.8 166.8

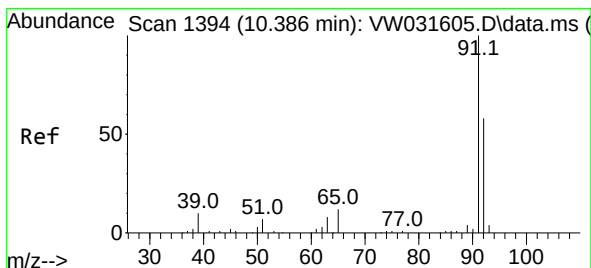
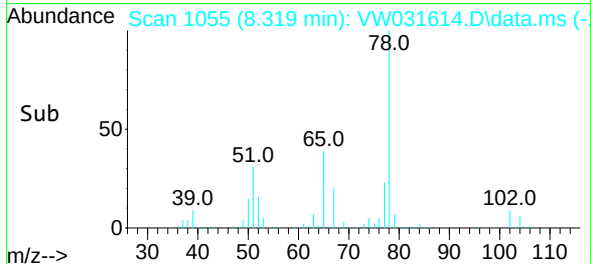
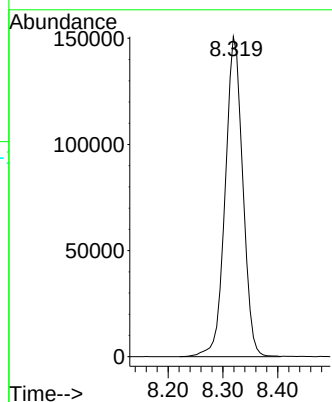
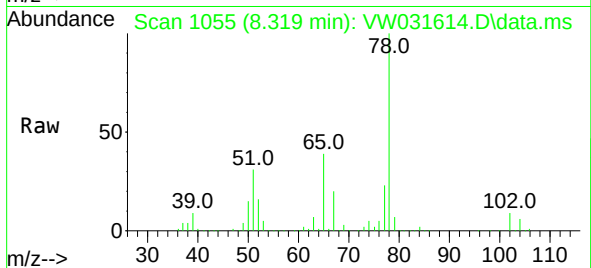




#33
Benzene
Concen: 23.119 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

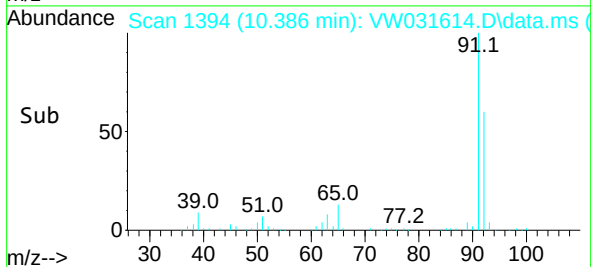
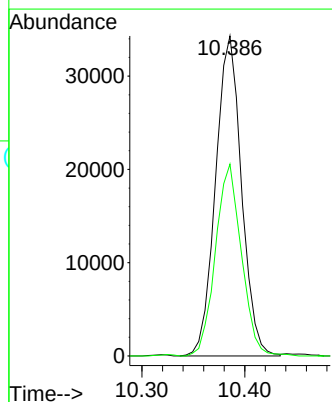
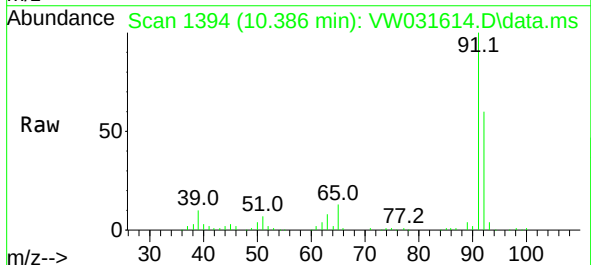
Instrument :
MSVOA_W
ClientSampleId :

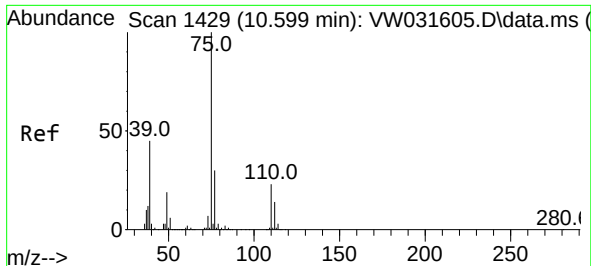
Tgt Ion: 78 Resp: 336624



#42
Toluene
Concen: 3.950 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Tgt Ion: 91 Resp: 60115
Ion Ratio Lower Upper
91 100
92 60.0 40.6 75.4

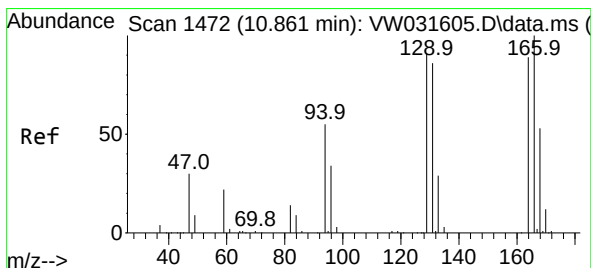
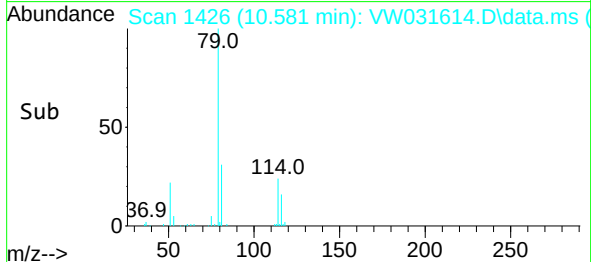
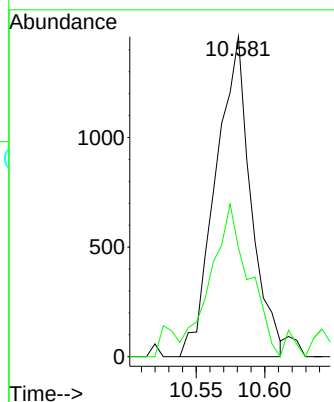
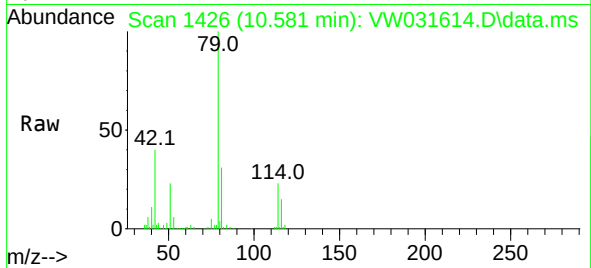




#44
trans-1,3-Dichloropropene
Concen: 0.566 ug/L
RT: 10.581 min Scan# 1426
Delta R.T. -0.024 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

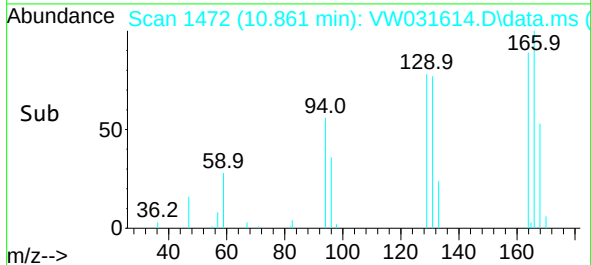
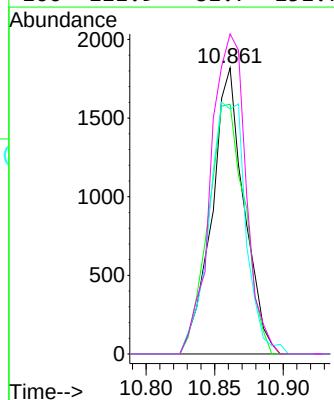
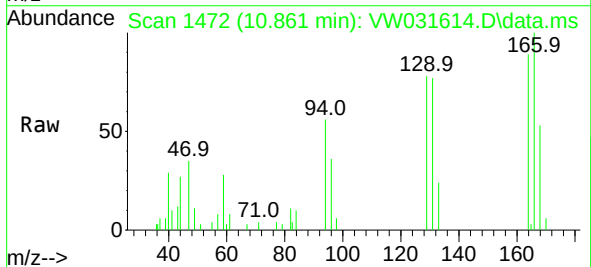
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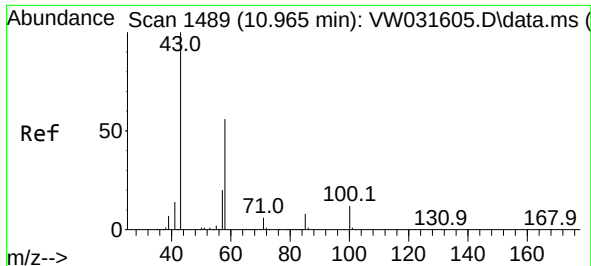
Tgt Ion: 75 Resp: 2604
Ion Ratio Lower Upper
75 100
77 34.0 22.5 41.9



#46
Tetrachloroethene
Concen: 1.060 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

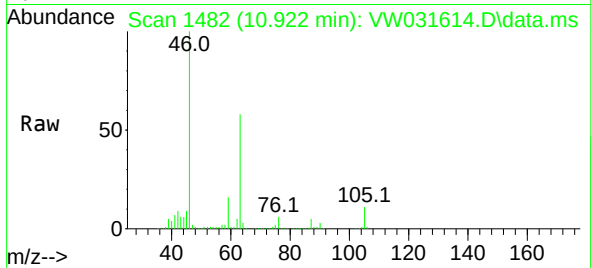
Tgt Ion:164 Resp: 2978
Ion Ratio Lower Upper
164 100
129 87.3 69.8 129.6
131 85.6 63.1 117.1
166 111.9 81.7 151.7



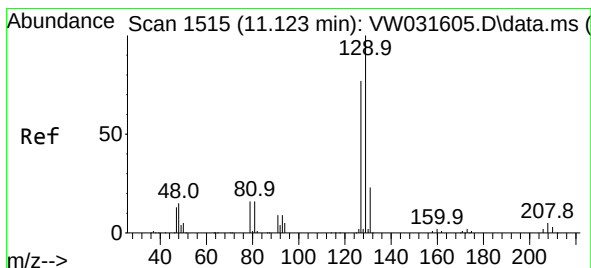
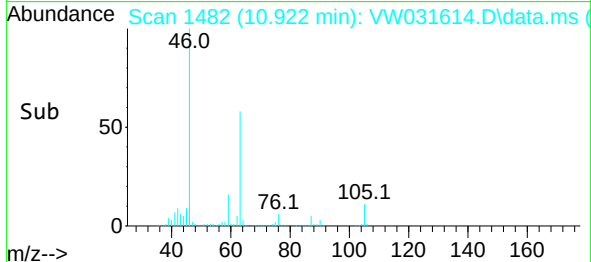
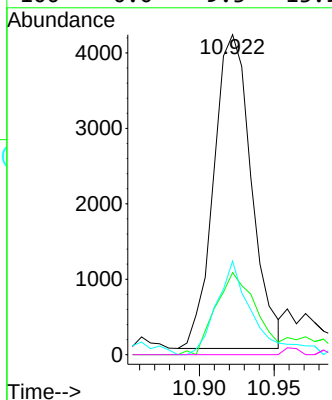


#48
2-Hexanone
Concen: 6.544 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Instrument :
MSVOA_W
ClientSampleId :

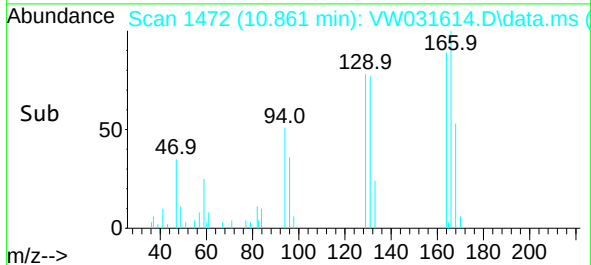
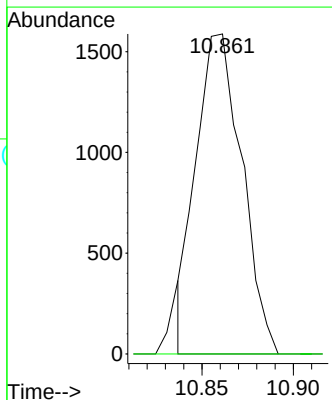
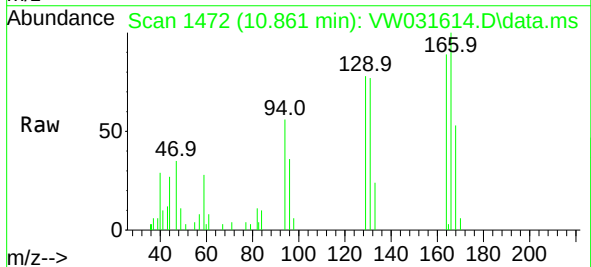


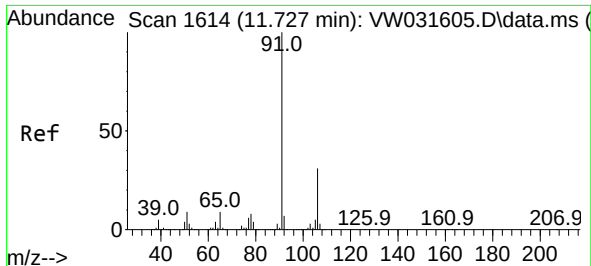
Tgt Ion: 43 Resp: 7305
Ion Ratio Lower Upper
43 100
58 27.8 44.8 67.2#
57 28.6 15.6 23.4#
100 0.0 9.3 13.9#



#49
Dibromochloromethane
Concen: 1.072 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.262 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Tgt Ion: 129 Resp: 2767
Ion Ratio Lower Upper
129 100
127 0.0 53.0 98.4#

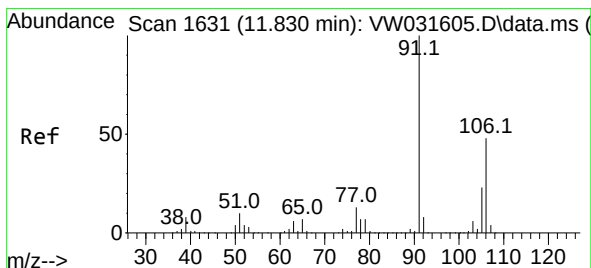
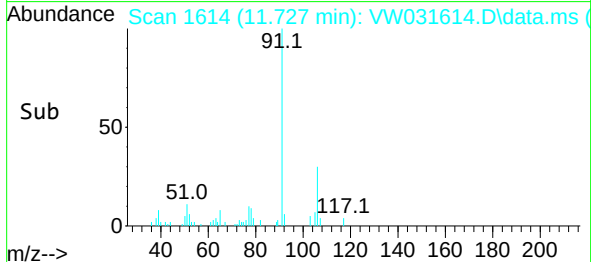
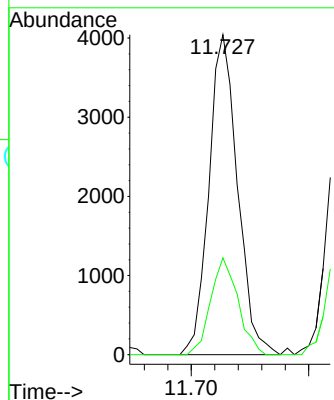
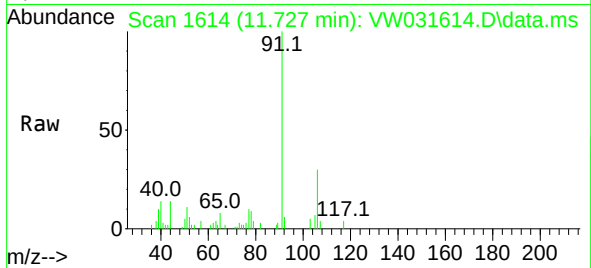




#52
Ethylbenzene
Concen: 0.392 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

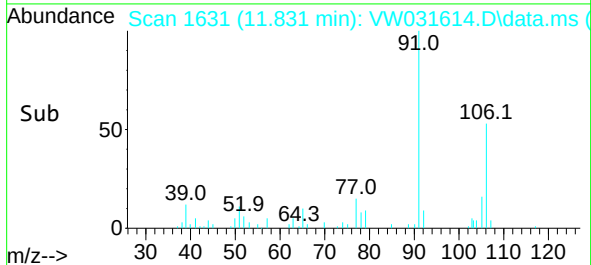
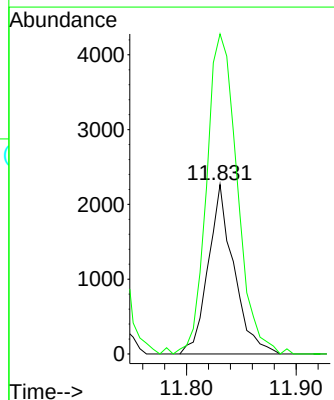
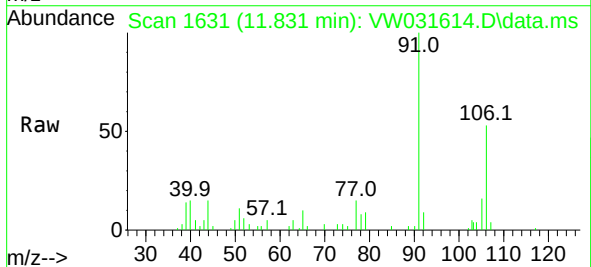
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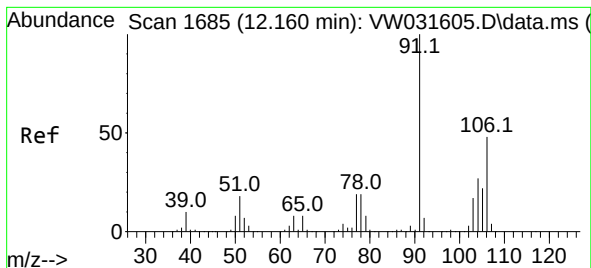
Tgt Ion: 91 Resp: 6842
Ion Ratio Lower Upper
91 100
106 30.2 22.3 41.3



#53
m,p-Xylene
Concen: 0.553 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031614.D
Acq: 28 Jan 2025 13:27

Tgt Ion: 106 Resp: 3685
Ion Ratio Lower Upper
106 100
91 188.9 145.9 270.9





#54

o-Xylene

Concen: 0.305 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031614.D

Acq: 28 Jan 2025 13:27

Instrument :

MSVOA_W

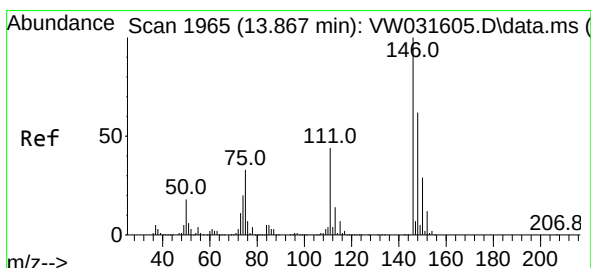
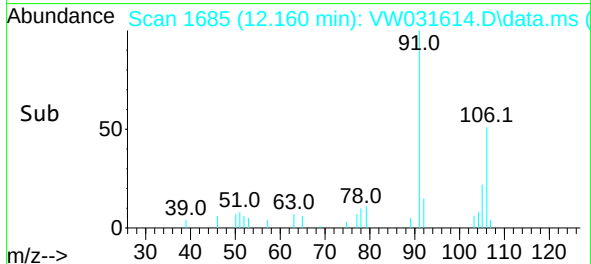
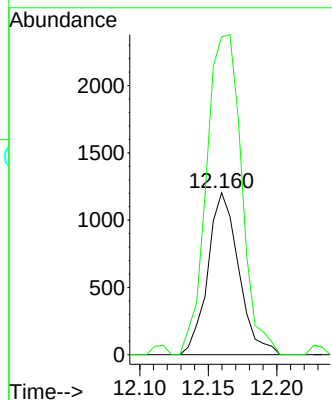
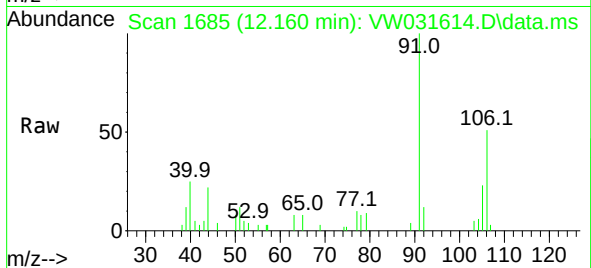
ClientSampleId :

Tgt Ion:106 Resp: 1885

Ion Ratio Lower Upper

106 100

91 196.3 152.9 284.1



#67

1,2-Dichlorobenzene

Concen: 0.448 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW031614.D

Acq: 28 Jan 2025 13:27

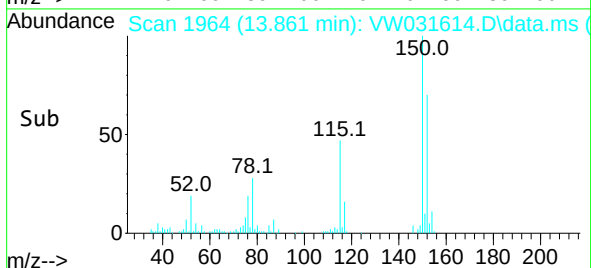
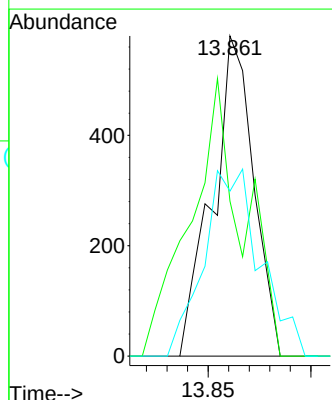
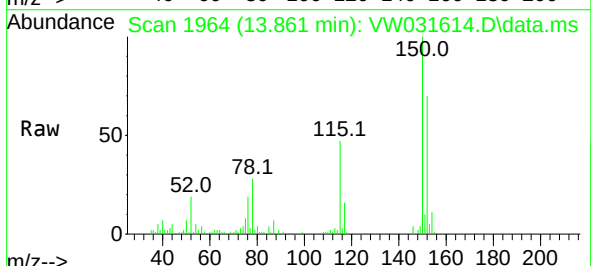
Tgt Ion:146 Resp: 807

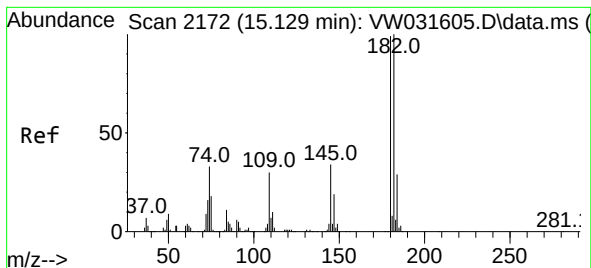
Ion Ratio Lower Upper

146 100

111 48.4 36.6 55.0

148 51.6 51.0 76.4





#70

1,2,4-trichlorobenzene

Concen: 0.304 ug/L

RT: 15.117 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031614.D

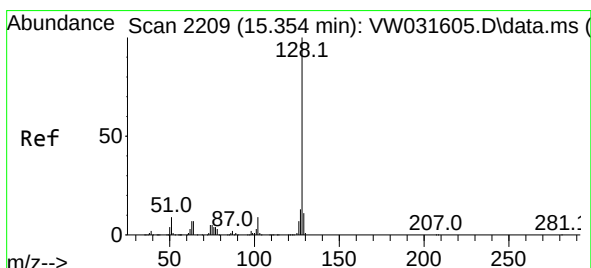
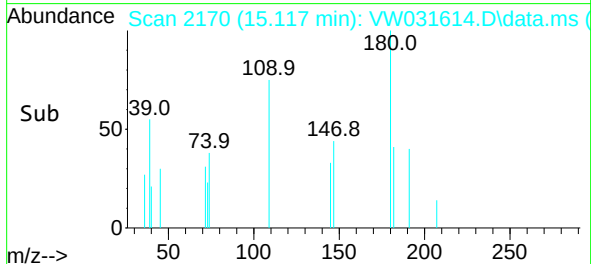
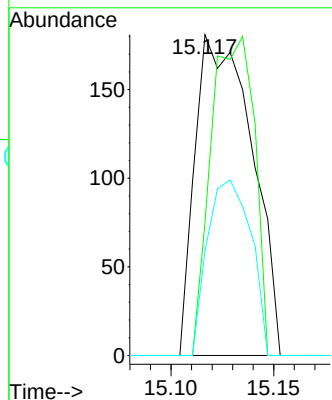
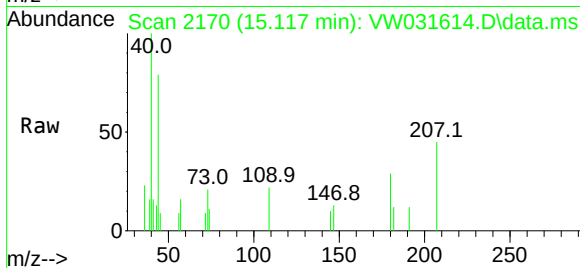
Acq: 28 Jan 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 346
 Ion Ratio Lower Upper
 180 100
 182 76.3 77.7 116.5#
 145 42.2 26.6 39.8#



#71

Naphthalene

Concen: 1.058 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031614.D

Acq: 28 Jan 2025 13:27

Tgt Ion:128 Resp: 2258
 Ion Ratio Lower Upper
 128 100
 127 8.6 10.4 15.6#
 129 9.2 8.7 13.1

