

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035646.D
 Acq On : 21 May 2024 18:21
 Operator : SY/MD
 Sample : P2547-06
 Misc : 4.47g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:38:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

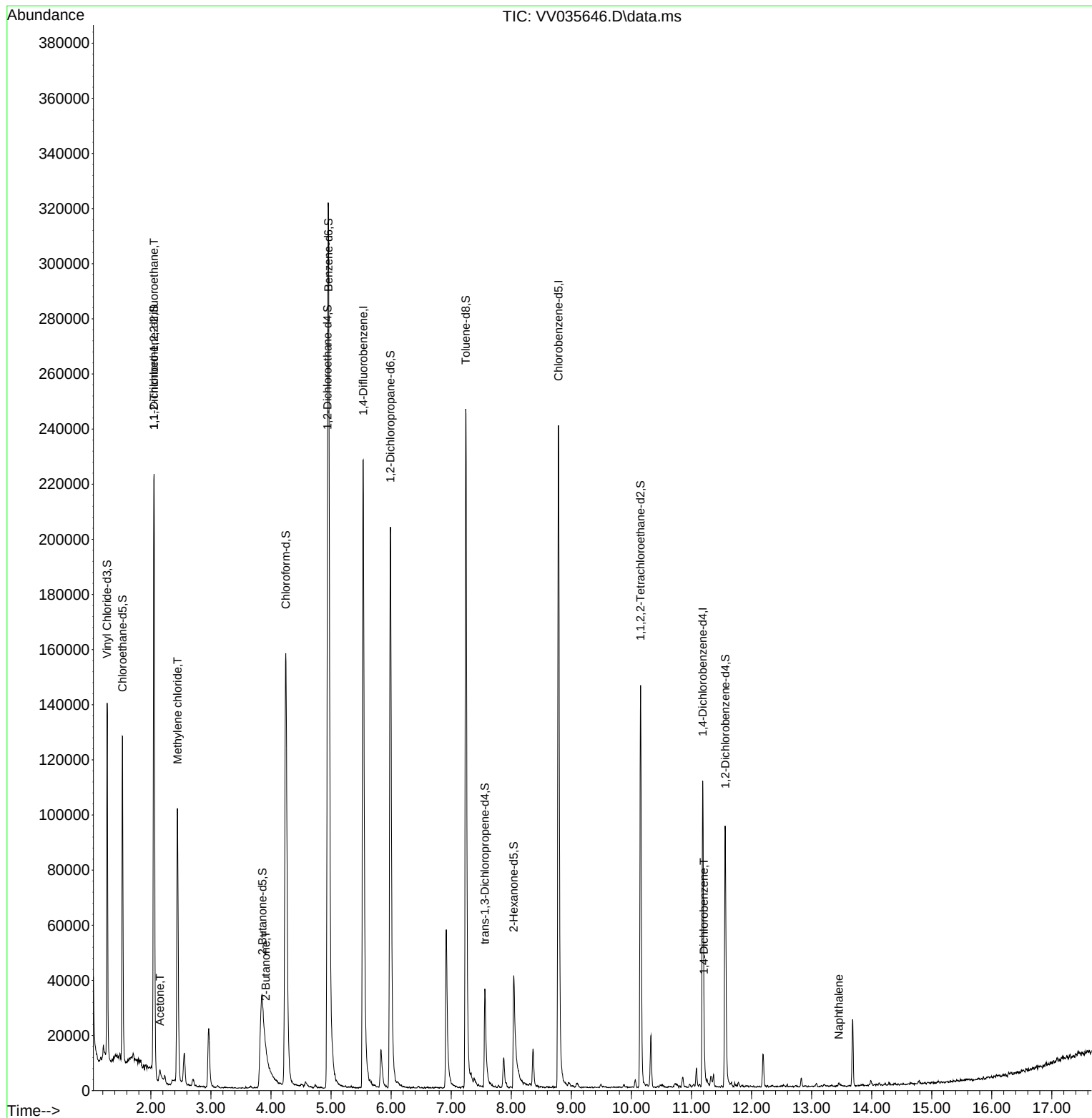
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	214332	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	147961	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29267	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	85170	25.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.840%	
7) Chloroethane-d5	1.526	69	79516	29.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.000%	
11) 1,1-Dichloroethene-d2	2.053	65	37525	25.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.360%	
21) 2-Butanone-d5	3.857	46	8172	8.692	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 17.380%#	
24) Chloroform-d	4.246	84	180839	28.380	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.520%	
26) 1,2-Dichloroethane-d4	4.940	65	95367	30.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 121.080%	
32) Benzene-d6	4.957	84	292131	36.068	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 144.280%#	
36) 1,2-Dichloropropane-d6	5.989	67	107582	43.041	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 172.160%#	
41) Toluene-d8	7.243	98	184550	25.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.400%	
43) trans-1,3-Dichloroprop...	7.561	79	26704	24.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.920%	
47) 2-Hexanone-d5	8.040	63	16560	36.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 73.680%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	74839	31.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 124.280%#	
66) 1,2-Dichlorobenzene-d4	11.564	152	26251	25.845	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.400%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	1791	0.481	ug/L #	43
13) Acetone	2.150	43	3025	2.198	ug/L	77
16) Methylene chloride	2.442	84	44735	9.051	ug/L	97
22) 2-Butanone	3.912	43	1228	0.961	ug/L #	51
65) 1,4-Dichlorobenzene	11.210	146	771	0.364	ug/L #	71
71) Naphthalene	13.455	128	822	0.351	ug/L #	69

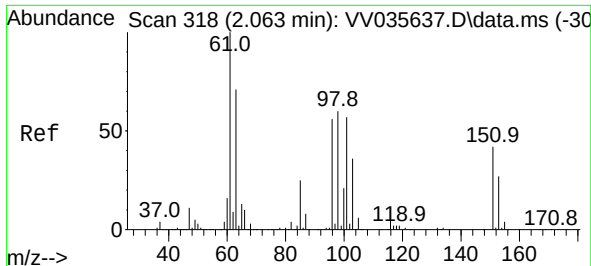
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035646.D
Acq On : 21 May 2024 18:21
Operator : SY/MD
Sample : P2547-06
Misc : 4.47g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 22 02:38:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:35:18 2024
Response via : Initial Calibration

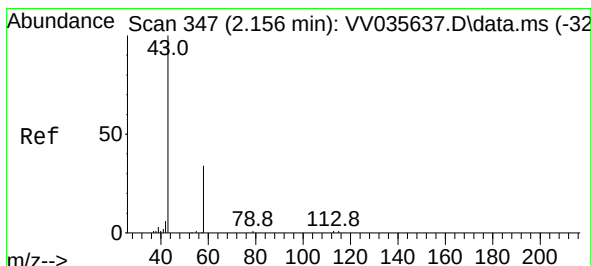
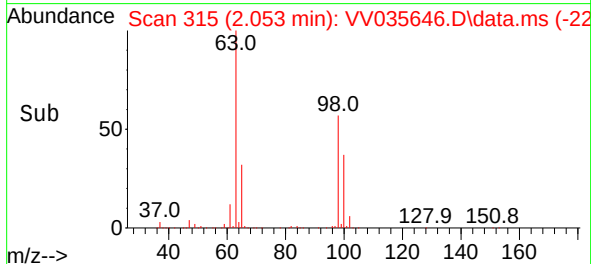
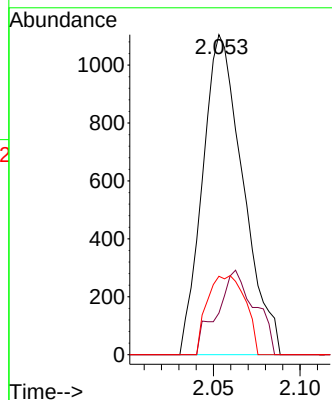
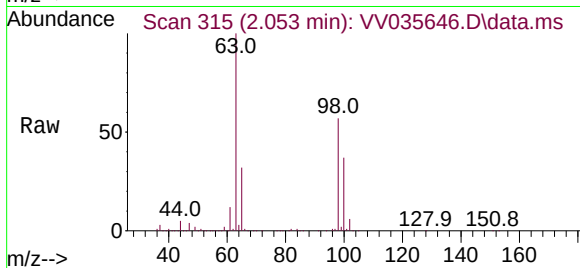




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.481 ug/L
RT: 2.053 min Scan# 318
Delta R.T. -0.010 min
Lab File: VV035646.D
Acq: 21 May 2024 18:21

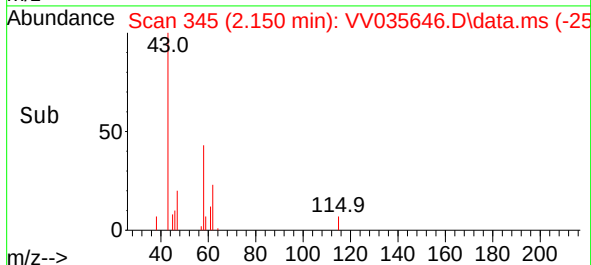
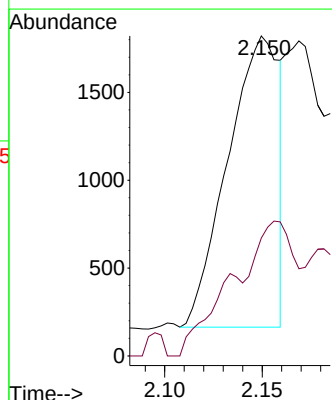
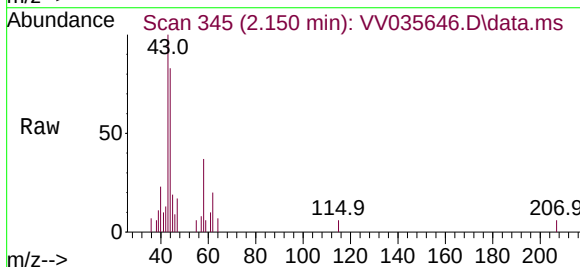
Instrument :
MSVOA_V
ClientSampleId :

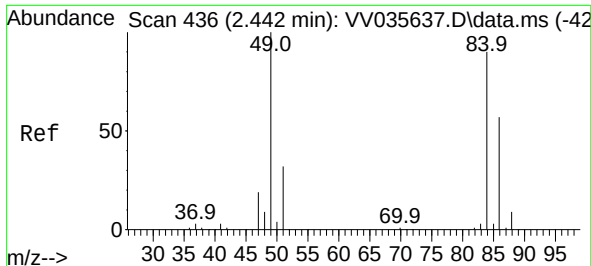
Tgt Ion:101 Resp: 1791
Ion Ratio Lower Upper
101 100
85 10.2 34.2 51.4#
151 23.2 59.5 89.3#



#13
Acetone
Concen: 2.198 ug/L
RT: 2.150 min Scan# 345
Delta R.T. -0.007 min
Lab File: VV035646.D
Acq: 21 May 2024 18:21

Tgt Ion: 43 Resp: 3025
Ion Ratio Lower Upper
43 100
58 20.3 0.0 22.8

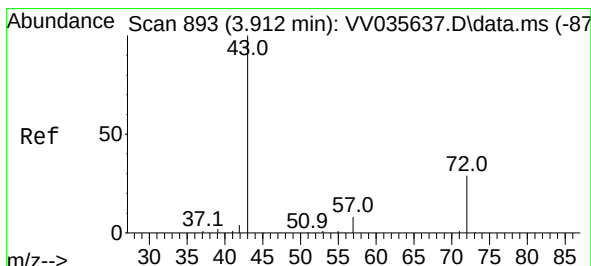
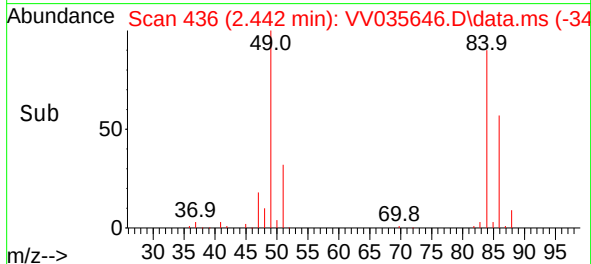
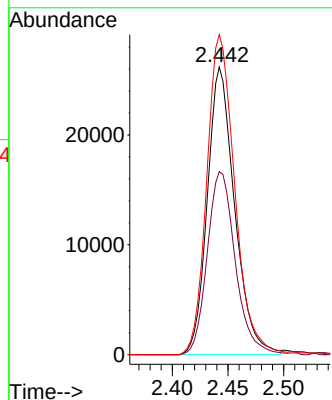
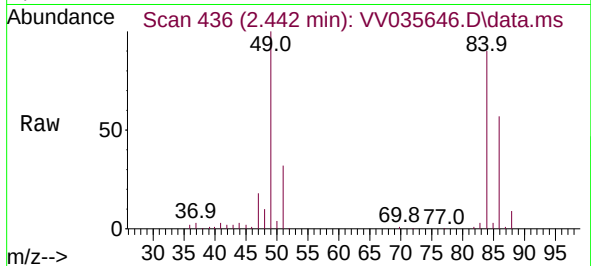




#16
Methylene chloride
Concen: 9.051 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035646.D
Acq: 21 May 2024 18:21

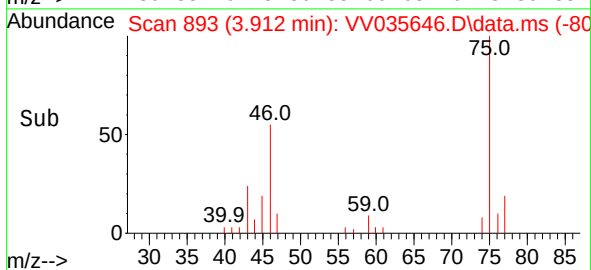
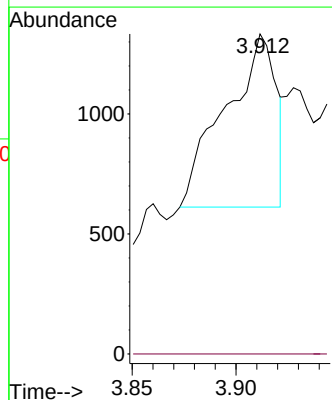
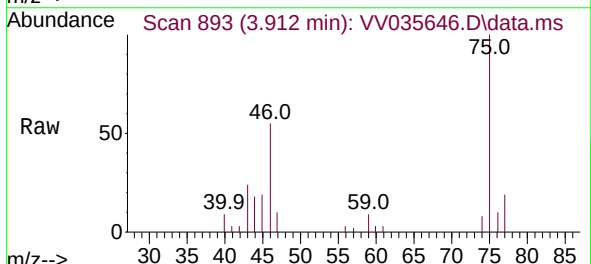
Instrument :
MSVOA_V
ClientSampleId :

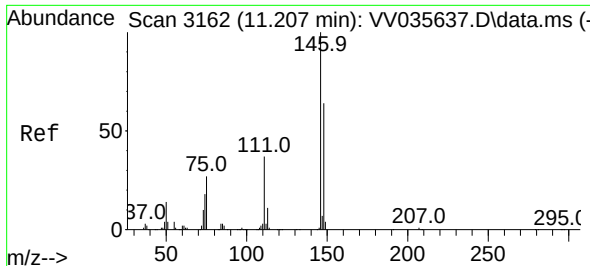
Tgt Ion: 84 Resp: 44735
Ion Ratio Lower Upper
84 100
86 63.6 43.8 81.3
49 111.2 75.3 139.9



#22
2-Butanone
Concen: 0.961 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV035646.D
Acq: 21 May 2024 18:21

Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
72 0.0 12.3 36.9#





#65

1,4-Dichlorobenzene

Concen: 0.364 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

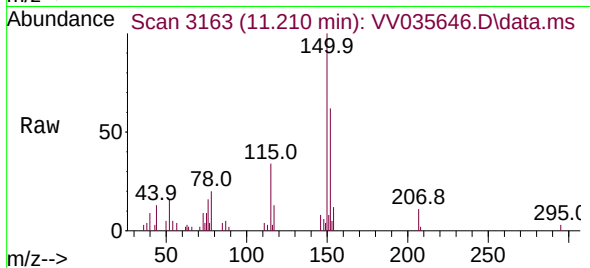
Lab File: VV035646.D

Acq: 21 May 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :



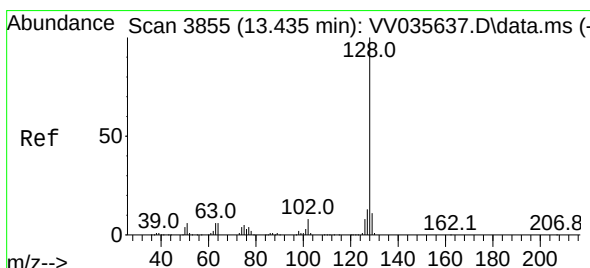
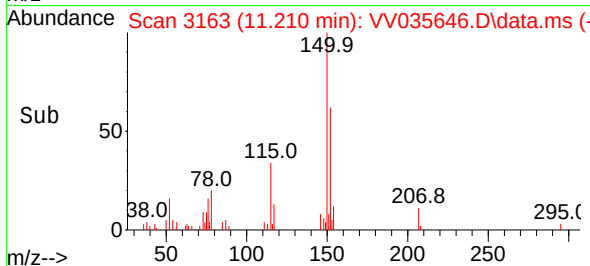
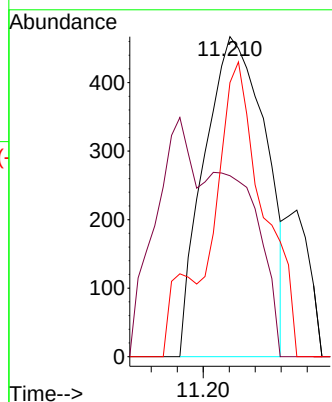
Tgt Ion:146 Resp: 771

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

146	100		
-----	-----	--	--

111	56.5	26.2	48.6#
-----	------	------	-------

148	85.7	44.9	83.3#
-----	------	------	-------



#71

Naphthalene

Concen: 0.351 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.019 min

Lab File: VV035646.D

Acq: 21 May 2024 18:21

Tgt Ion:128 Resp: 822

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

128	100		
-----	-----	--	--

127	0.0	10.4	15.6#
-----	-----	------	-------

129	0.0	8.6	13.0#
-----	-----	-----	-------

