

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036209.D
 Acq On : 21 Jun 2024 16:04
 Operator : SY/MD
 Sample : P2909-19
 Misc : 5.24g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:14:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

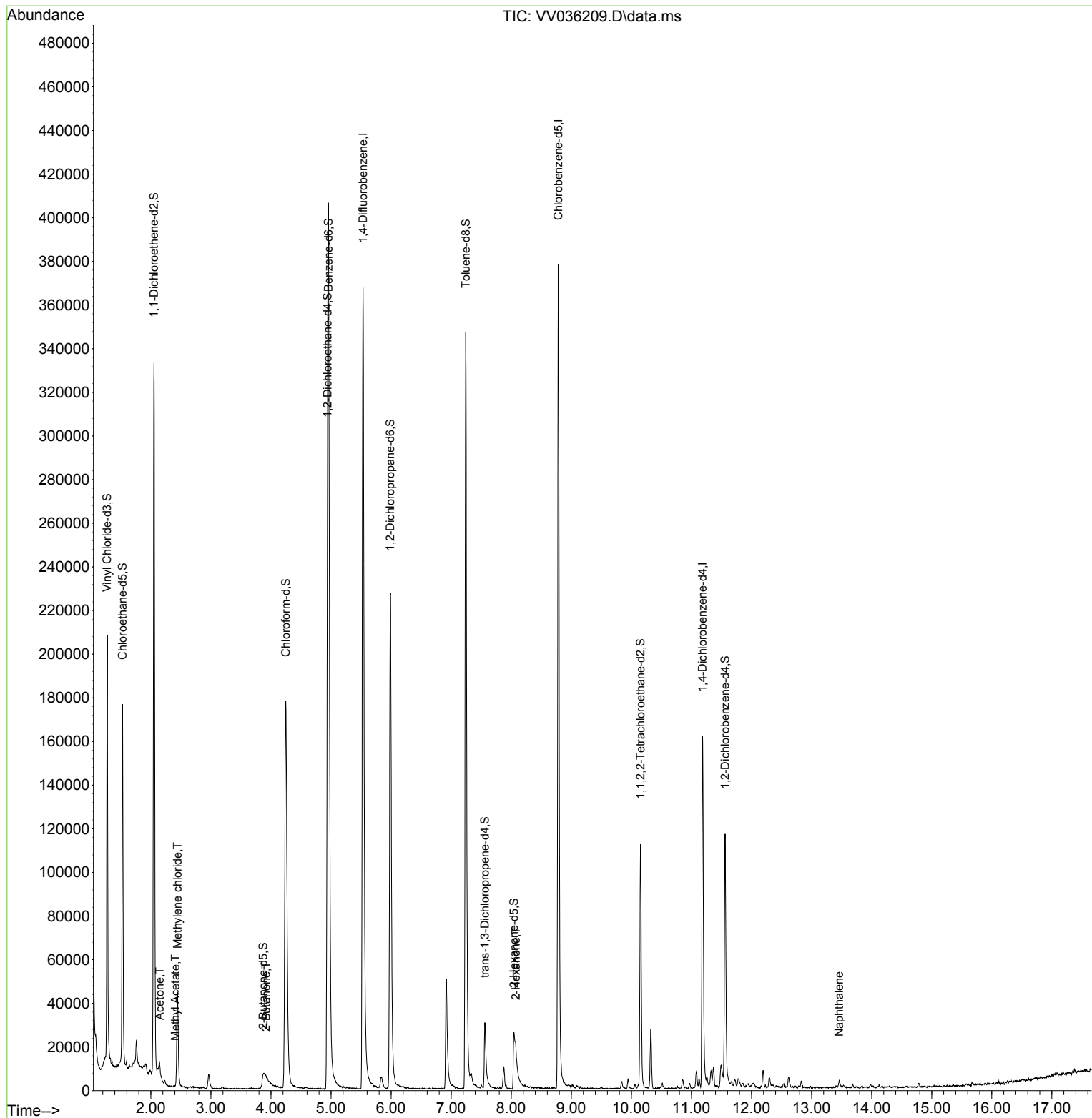
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	323622	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	215006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	43394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	128656	21.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
7) Chloroethane-d5	1.529	69	107014	22.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.240%
11) 1,1-Dichloroethene-d2	2.053	65	57249	21.614	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.440%
21) 2-Butanone-d5	3.870	46	8294	6.076	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.160%#
24) Chloroform-d	4.246	84	194772	18.931	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.720%
26) 1,2-Dichloroethane-d4	4.940	65	101846	18.880	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.520%
32) Benzene-d6	4.957	84	370848	29.017	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.080%
36) 1,2-Dichloropropane-d6	5.985	67	117859	29.284	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.120%
41) Toluene-d8	7.243	98	243053	21.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.561	79	20216	12.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	49.000%
47) 2-Hexanone-d5	8.043	63	7886	14.462	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.920%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	56992	18.950	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	30166	18.957	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.840%
Target Compounds						
					Qvalue	
13) Acetone	2.146	43	7092	3.335	ug/L	80
15) Methyl Acetate	2.410	43	874	0.331	ug/L #	63
16) Methylene chloride	2.445	84	18524	2.530	ug/L	98
22) 2-Butanone	3.918	43	3997	2.215	ug/L #	69
48) 2-Hexanone	8.075	43	13127	8.370	ug/L #	38
71) Naphthalene	13.458	128	2160	0.769	ug/L #	89

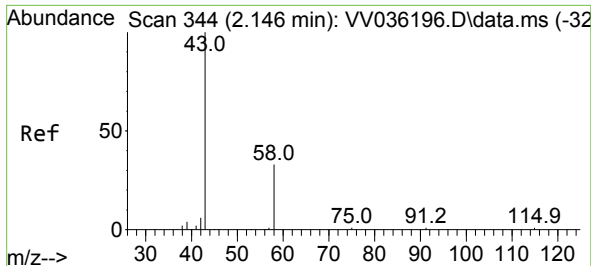
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036209.D
Acq On : 21 Jun 2024 16:04
Operator : SY/MD
Sample : P2909-19
Misc : 5.24g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 22 00:14:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration

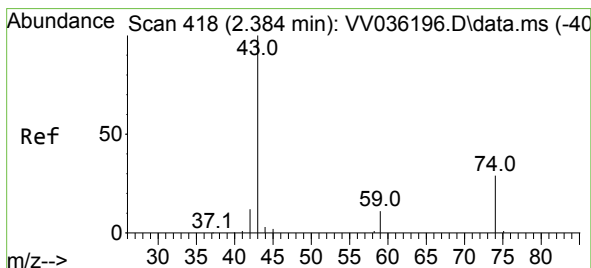
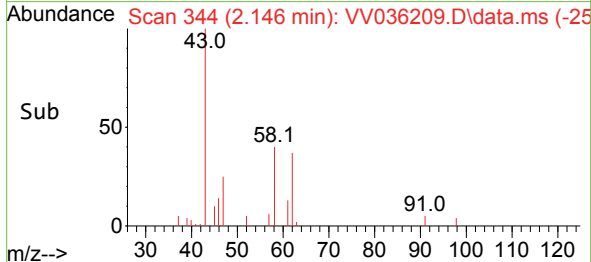
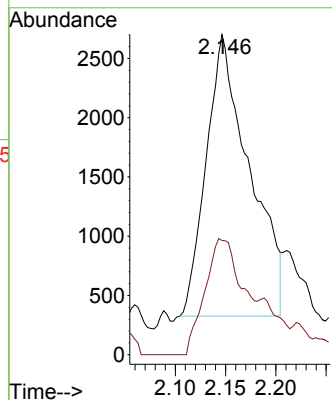
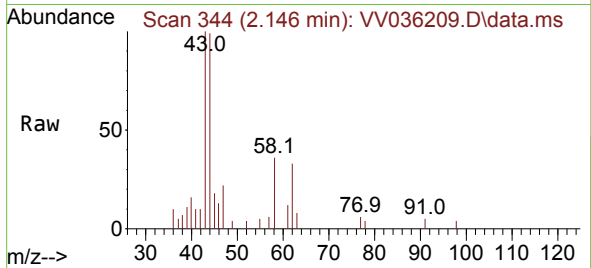




#13
Acetone
Concen: 3.335 ug/L
RT: 2.146 min Scan# 344
Delta R.T. 0.000 min
Lab File: VV036209.D
Acq: 21 Jun 2024 16:04

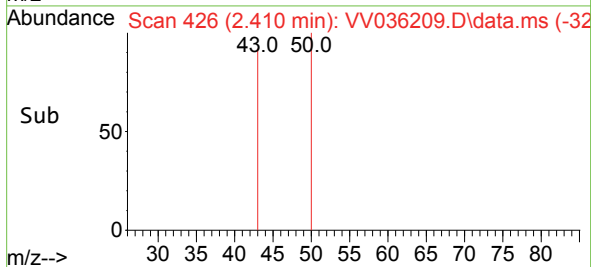
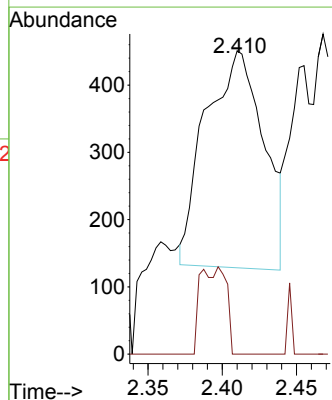
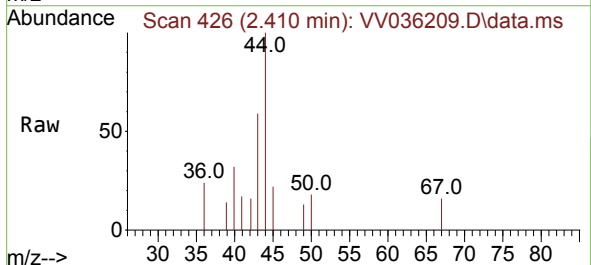
Instrument :
MSVOA_V
ClientSampleId :

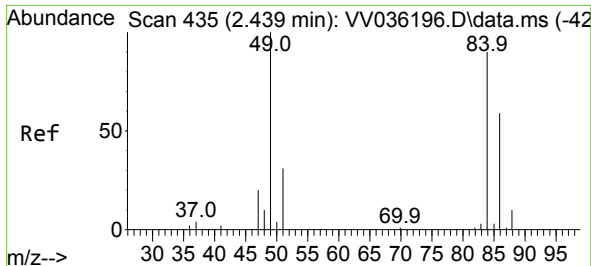
Tgt Ion: 43 Resp: 7092
Ion Ratio Lower Upper
43 100
58 19.9 0.0 24.2



#15
Methyl Acetate
Concen: 0.331 ug/L
RT: 2.410 min Scan# 426
Delta R.T. 0.026 min
Lab File: VV036209.D
Acq: 21 Jun 2024 16:04

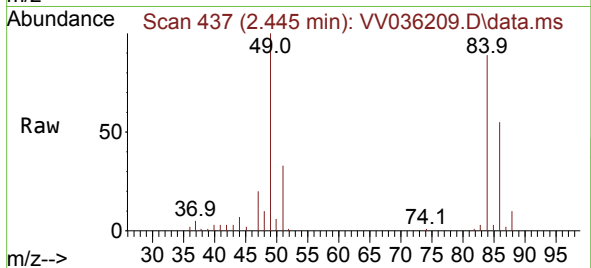
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
74 7.9 21.4 32.2#



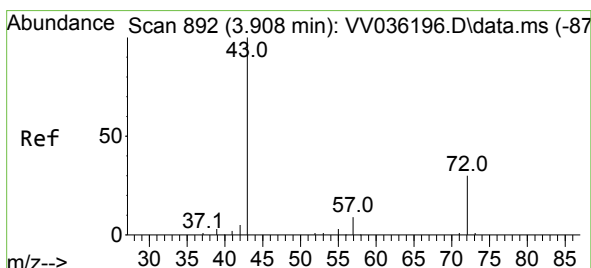
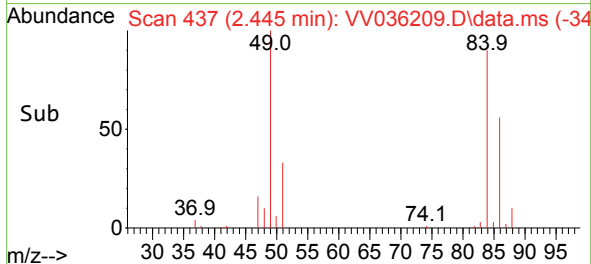
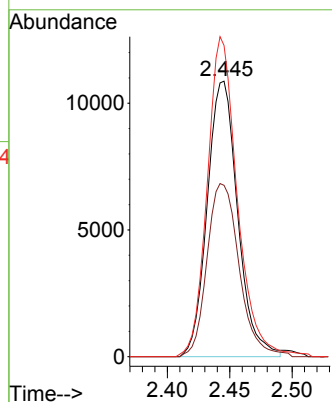


#16
Methylene chloride
Concen: 2.530 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV036209.D
Acq: 21 Jun 2024 16:04

Instrument :
MSVOA_V
ClientSampleId :

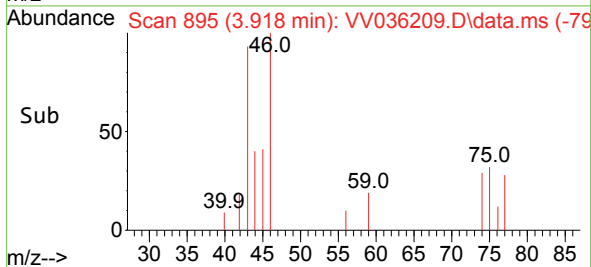
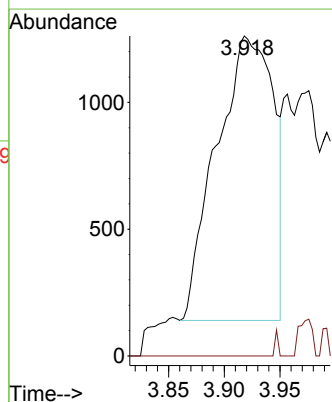
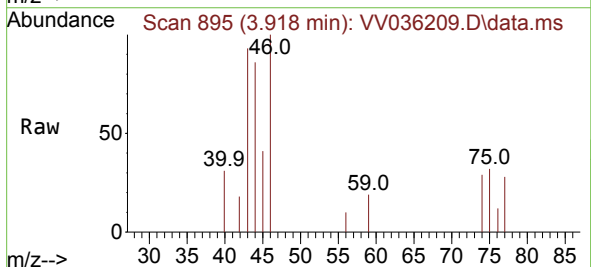


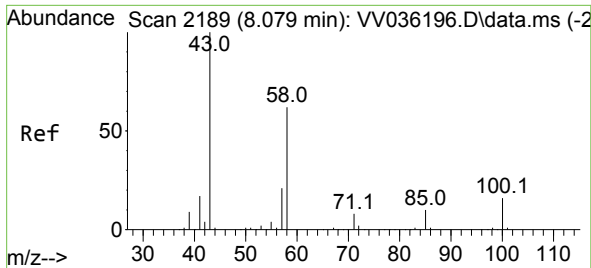
Tgt Ion: 84 Resp: 18524
Ion Ratio Lower Upper
84 100
86 62.2 44.6 82.8
49 112.9 81.1 150.5



#22
2-Butanone
Concen: 2.215 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV036209.D
Acq: 21 Jun 2024 16:04

Tgt Ion: 43 Resp: 3997
Ion Ratio Lower Upper
43 100
72 3.0 8.2 24.4#

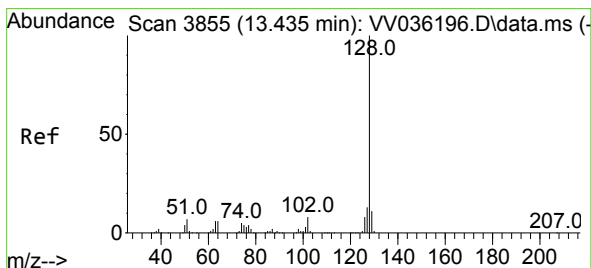
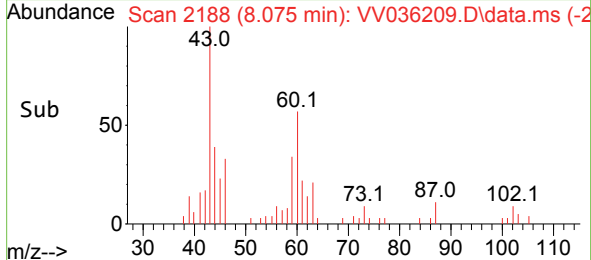
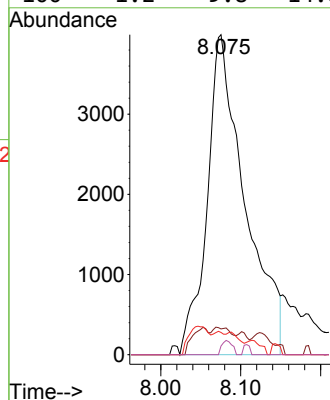
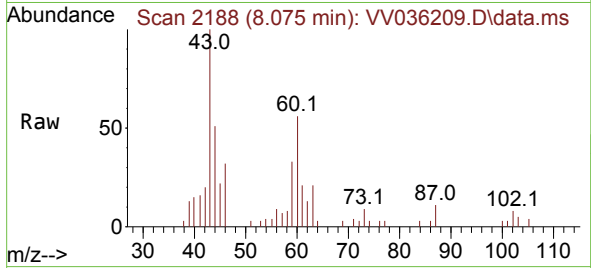




#48
2-Hexanone
Concen: 8.370 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV036209.D
Acq: 21 Jun 2024 16:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	43	Resp:	13127
Ion	Ratio	Lower	Upper
43	100		
58	0.5	45.4	68.0#
57	0.0	15.8	23.8#
100	1.2	9.8	14.8#



#71
Naphthalene
Concen: 0.769 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.023 min
Lab File: VV036209.D
Acq: 21 Jun 2024 16:04

Tgt Ion:	128	Resp:	2160
Ion	Ratio	Lower	Upper
128	100		
127	7.2	10.6	16.0#
129	9.2	8.8	13.2

