

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062824\
 Data File : VW036355.D
 Acq On : 28 Jun 2024 17:18
 Operator : SY/MD
 Sample : VIBLK306
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 17:08:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

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

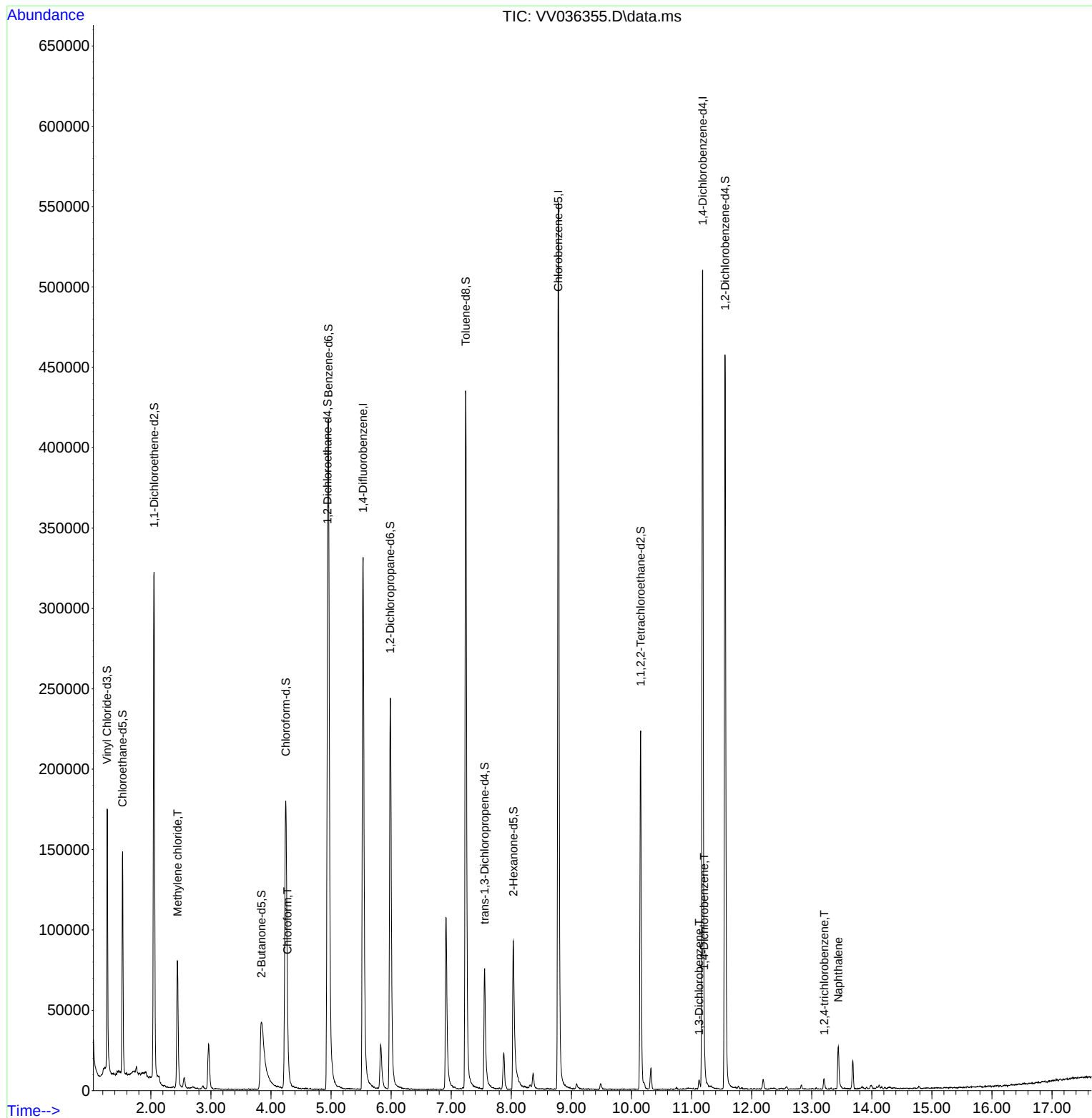
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	298037	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	316161	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	137490	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	110553	21.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.360%		
7) Chloroethane-d5	1.529	69	92171	22.798	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.200%		
11) 1,1-Dichloroethene-d2	2.053	65	52138	21.912	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.640%		
21) 2-Butanone-d5	3.841	46	46542	39.619	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.240%		
24) Chloroform-d	4.246	84	200414	22.781	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.120%		
26) 1,2-Dichloroethane-d4	4.941	65	115119	24.538	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.160%		
32) Benzene-d6	4.957	84	375643	21.048	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	5.986	67	123247	22.958	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.840%		
41) Toluene-d8	7.240	98	306835	19.068	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.280%		
43) trans-1,3-Dichloroprop...	7.555	79	49148	20.502	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.000%		
47) 2-Hexanone-d5	8.034	63	35649	41.602	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.200%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	109858	24.965	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.840%		
66) 1,2-Dichlorobenzene-d4	11.558	152	121169	24.184	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.720%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	35874	6.114	ug/L	98
25) Chloroform	4.275	83	7010	0.793	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	2963	0.342	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	4300	0.463	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	2513	0.483	ug/L #	92
71) Naphthalene	13.442	128	24219	2.612	ug/L	99

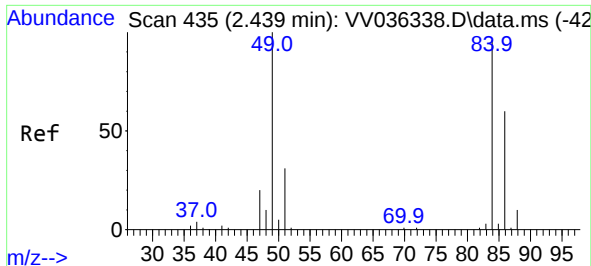
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 22 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 23:33:02 2024
Response via : Initial Calibration

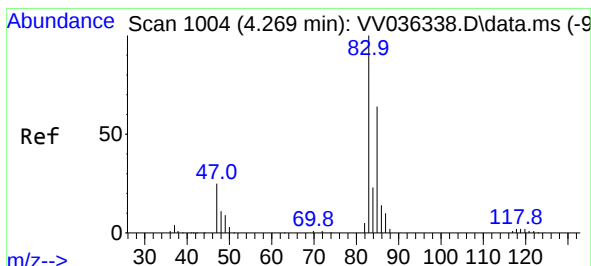
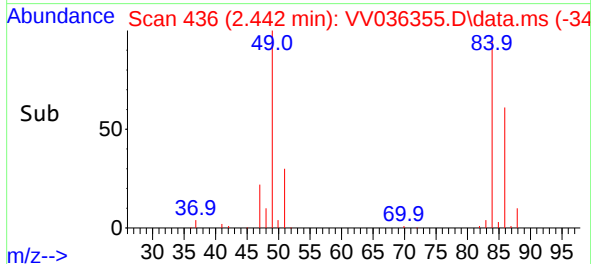
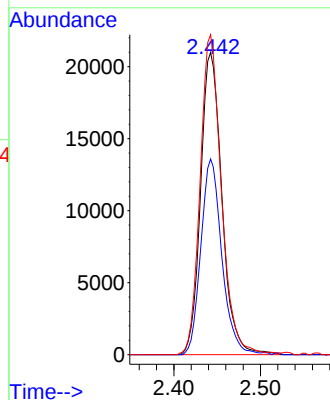
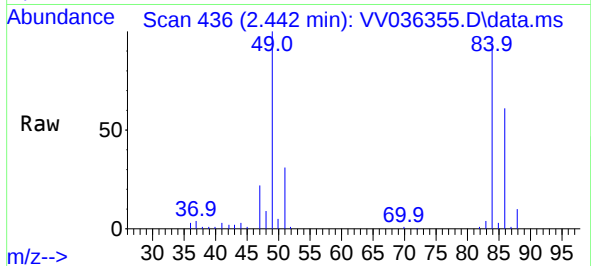




#16
Methylene chloride
Concen: 6.114 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036355.D
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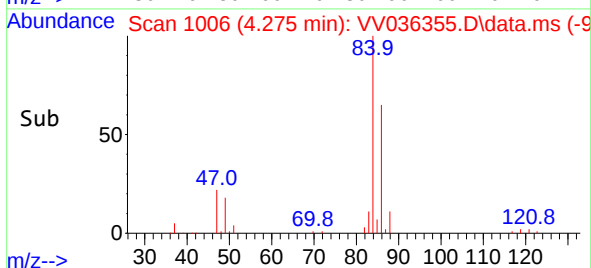
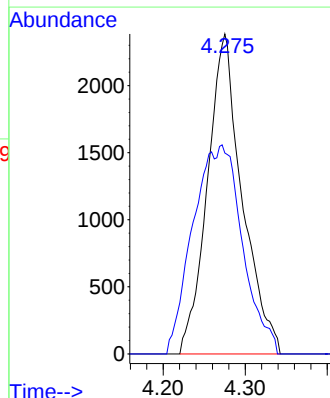
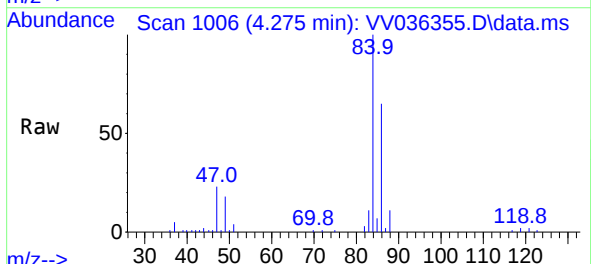
Instrument :
MSVOA_V
ClientSampleId :

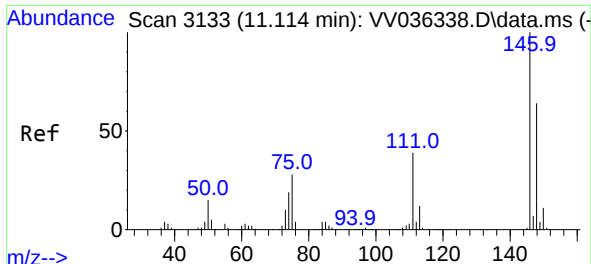
Tgt Ion: 84 Resp: 35874
Ion Ratio Lower Upper
84 100
86 64.7 45.6 84.8
49 105.9 75.7 140.5



#25
Chloroform
Concen: 0.793 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV036355.D
Acq: 28 Jun 2024 17:18

Tgt Ion: 83 Resp: 7010
Ion Ratio Lower Upper
83 100
85 62.8 45.0 83.6

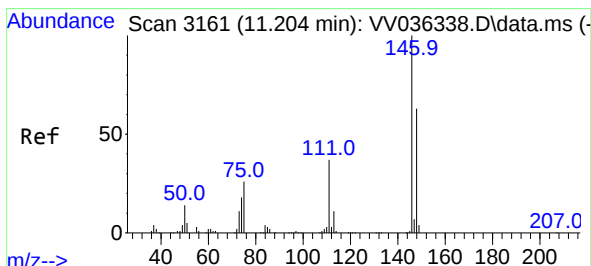
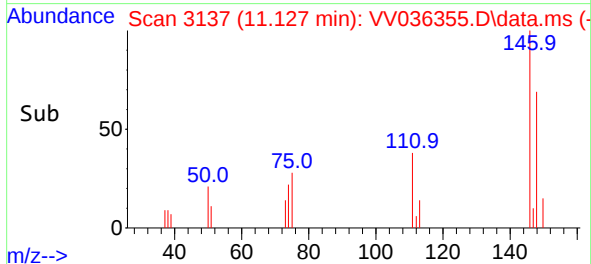
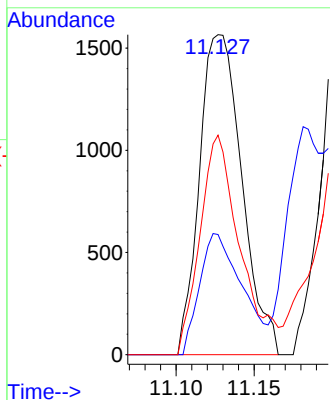
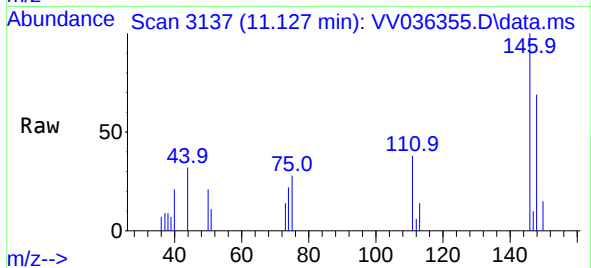




#64
1,3-Dichlorobenzene
Concen: 0.342 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV036355.D
Acq: 28 Jun 2024 17:18

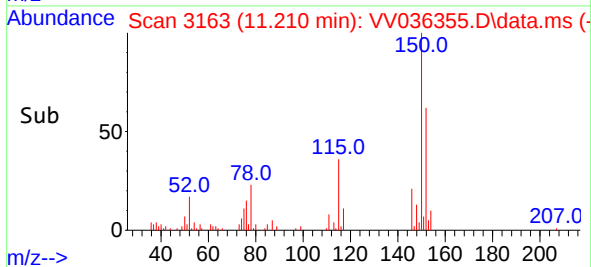
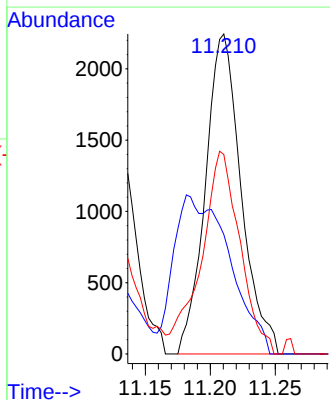
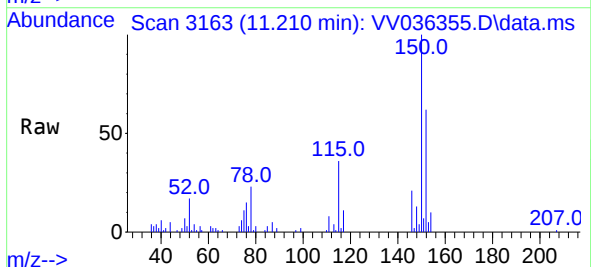
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MSVOA_V
ClientSampleId :

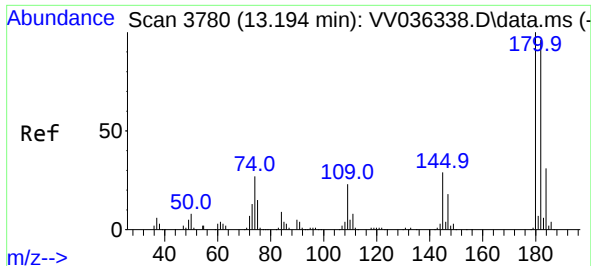
Tgt Ion:146 Resp: 2963
Ion Ratio Lower Upper
146 100
111 37.5 27.5 51.1
148 68.6 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 0.463 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV036355.D
Acq: 28 Jun 2024 17:18

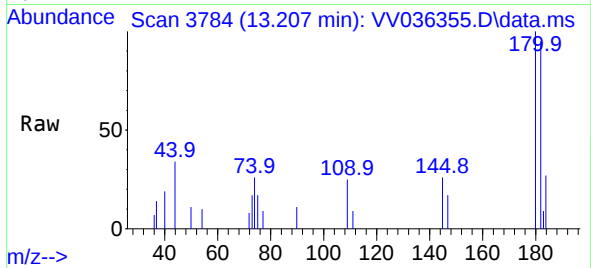
Tgt Ion:146 Resp: 4300
Ion Ratio Lower Upper
146 100
111 37.4 27.5 51.1
148 62.4 44.0 81.8



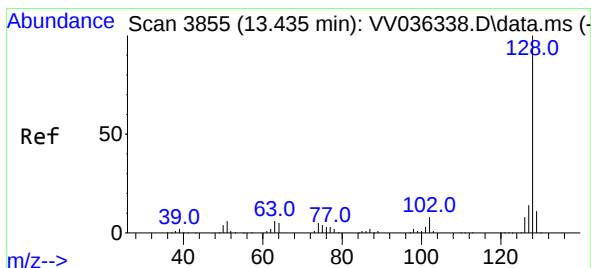
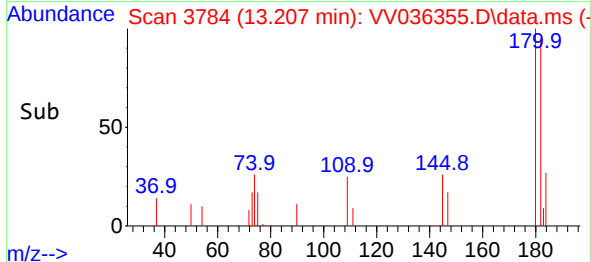
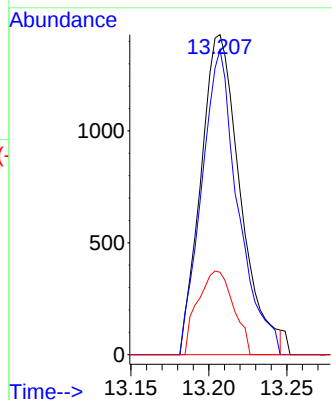


#70
1,2,4-trichlorobenzene
Concen: 0.483 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV036355.D
Acq: 28 Jun 2024 17:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 2513
Ion Ratio Lower Upper
180 100
182 87.9 76.1 114.1
145 23.7 23.8 35.8#



#71
Naphthalene
Concen: 2.612 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV036355.D
Acq: 28 Jun 2024 17:18

Tgt Ion:128 Resp: 24219
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.2 8.6 13.0

