

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
 Data File : VV030366.D
 Acq On : 30 Mar 2023 17:54
 Operator : SY/MD
 Sample : 02130-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C11B7

Quant Time: Mar 31 05:43:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

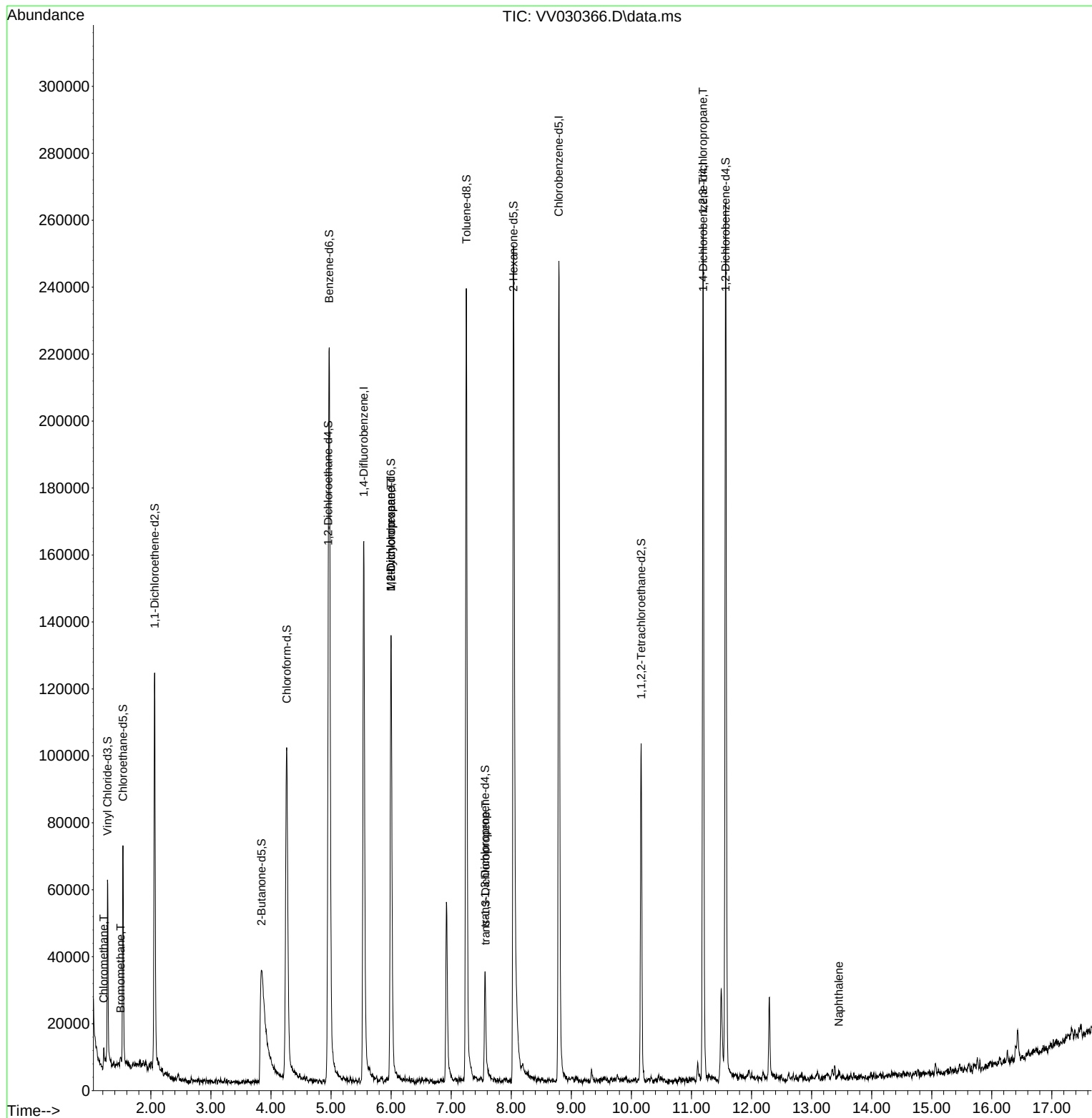
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	136870	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	131205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35216	3.885	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.600%	
7) Chloroethane-d5	1.536	69	38511	4.378	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.063	63	64664	3.006	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.841	46	123113	52.545	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.080%	
24) Chloroform-d	4.262	84	107332	4.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	4.953	65	56573	5.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
32) Benzene-d6	4.970	84	192743	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	5.998	67	59866	5.172	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.252	98	157568	4.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.564	79	19347	4.439	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.037	63	100805	57.562	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.120%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47222	5.176	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	11.571	152	65732	5.570	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3840	0.175	ug/L #	80
6) Bromomethane	1.494	94	539	0.118	ug/L	86
35) Methylcyclohexane	5.998	83	14916	0.756	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	7801	0.652	ug/L #	86
44) trans-1,3-Dichloropropene	7.571	75	1205	0.084	ug/L #	51
61) 1,2,3-Trichloropropane	11.191	75	8166	1.383	ug/L #	67
71) Naphthalene	13.455	128	1401	0.068	ug/L #	83

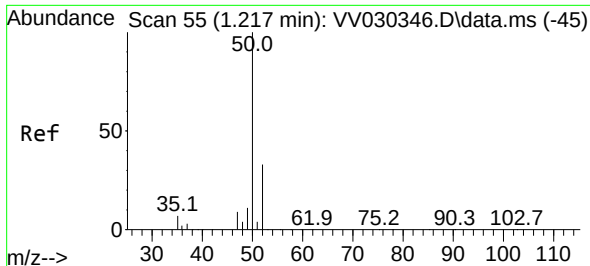
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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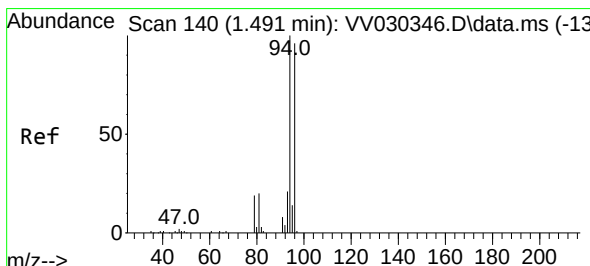
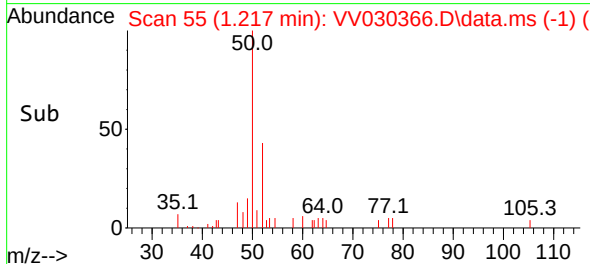
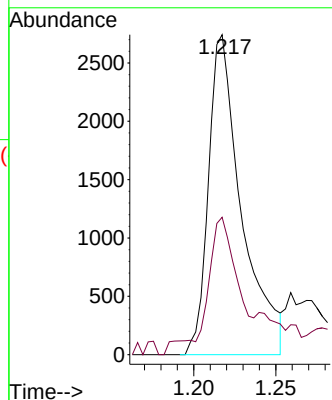
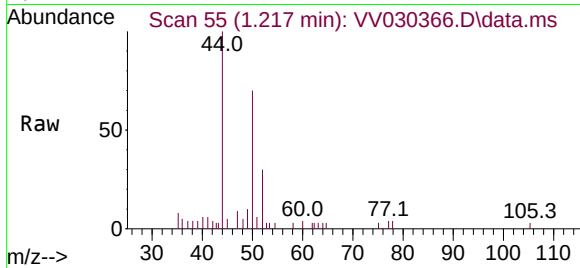




#3
Chloromethane
Concen: 0.175 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030366.D
Acq: 30 Mar 2023 17:54

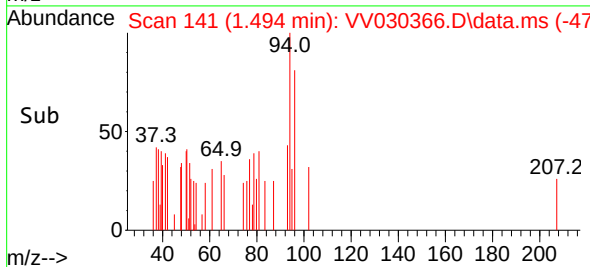
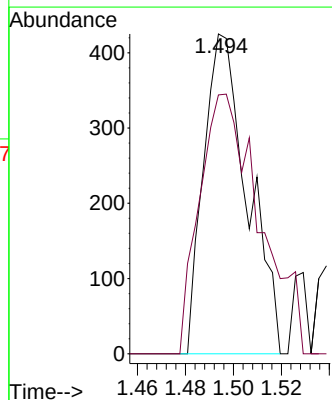
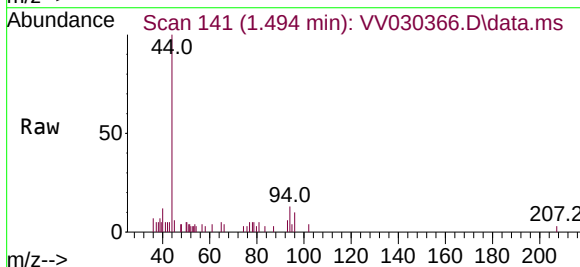
Instrument :
MSVOA_V
ClientSampleId :
C11B7

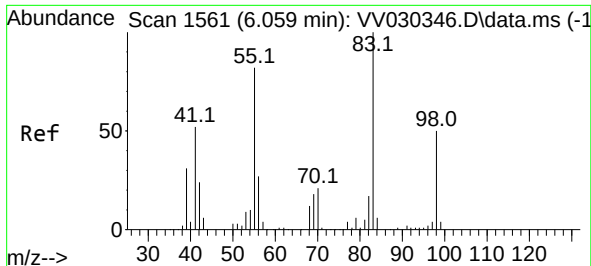
Tgt Ion: 50 Resp: 3840
Ion Ratio Lower Upper
50 100
52 43.0 22.3 41.5#



#6
Bromomethane
Concen: 0.118 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030366.D
Acq: 30 Mar 2023 17:54

Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 80.9 66.1 122.7

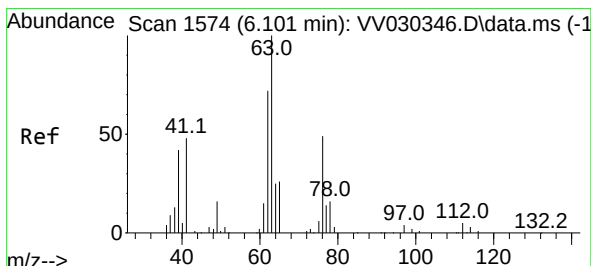
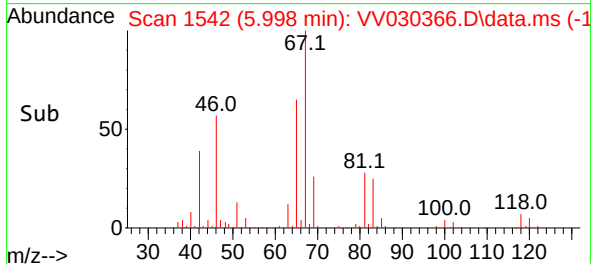
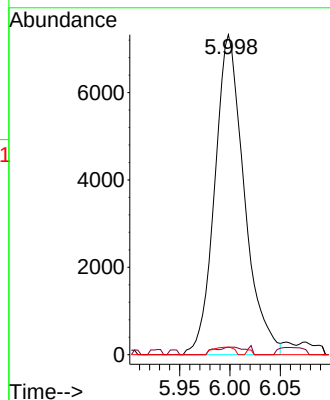
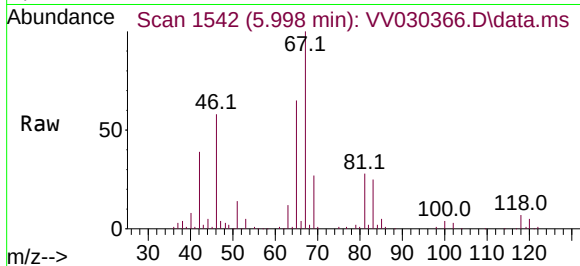




#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030366.D
Acq: 30 Mar 2023 17:54

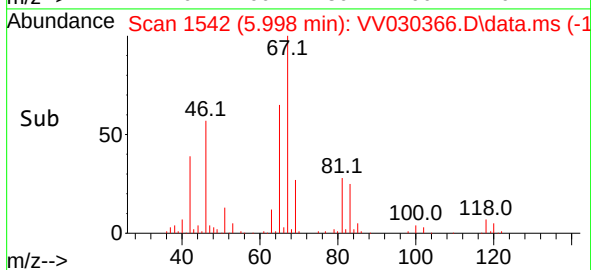
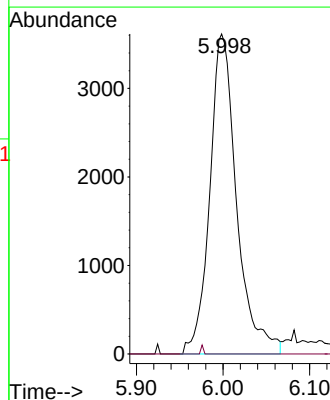
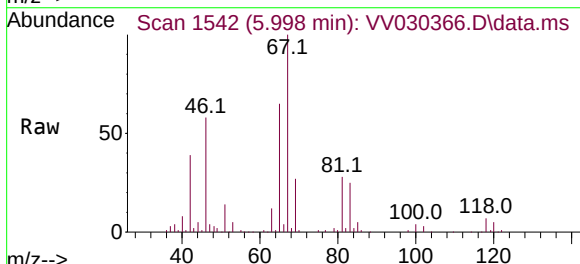
Instrument :
MSVOA_V
ClientSampleId :
C11B7

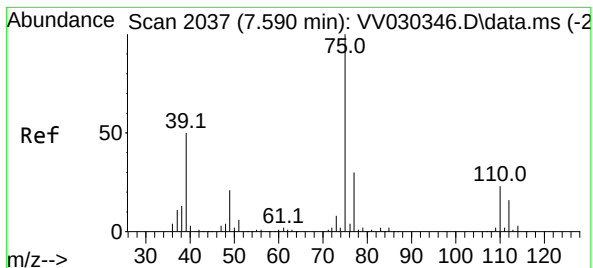
Tgt Ion: 83 Resp: 14916
Ion Ratio Lower Upper
83 100
55 2.2 66.6 100.0#
98 1.7 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030366.D
Acq: 30 Mar 2023 17:54

Tgt Ion: 63 Resp: 7801
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.019 min

Lab File: VV030366.D

Acq: 30 Mar 2023 17:54

Instrument :

MSVOA_V

ClientSampleId :

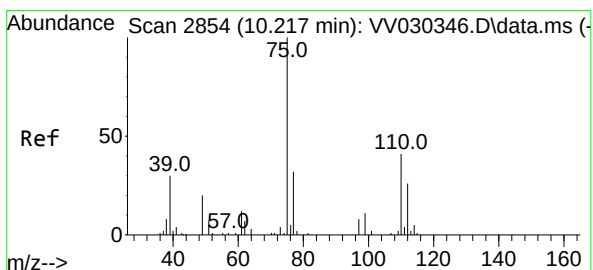
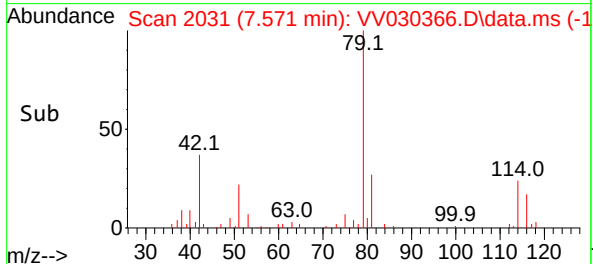
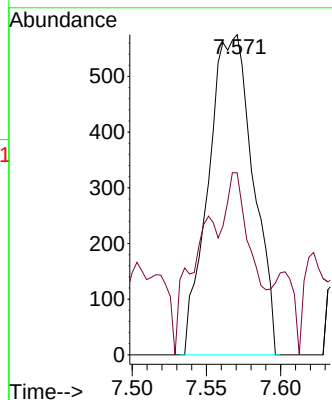
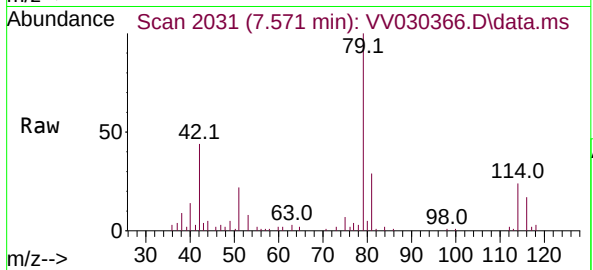
C11B7

Tgt Ion: 75 Resp: 1205

Ion Ratio Lower Upper

75 100

77 56.9 21.2 39.4#



#61

1,2,3-Trichloropropane

Concen: 1.383 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030366.D

Acq: 30 Mar 2023 17:54

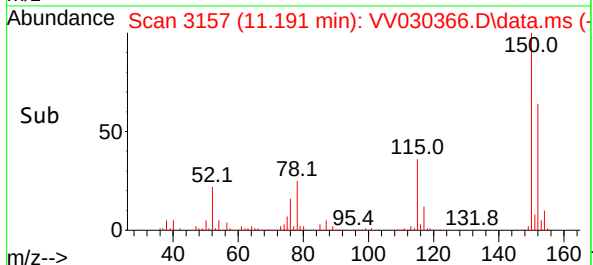
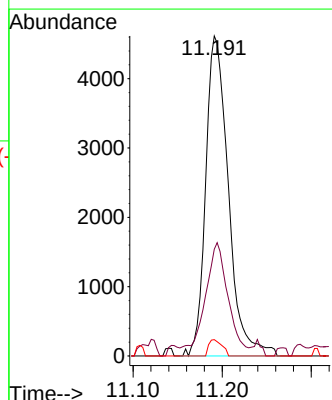
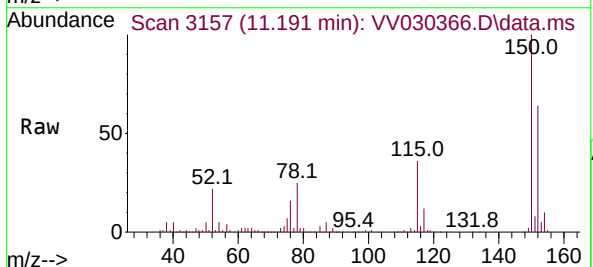
Tgt Ion: 75 Resp: 8166

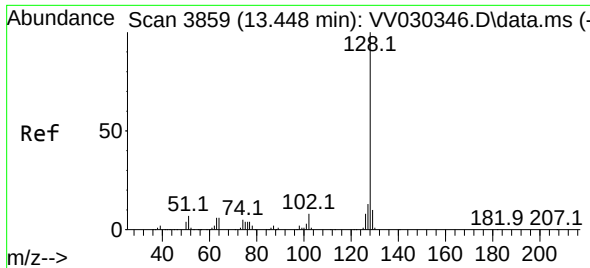
Ion Ratio Lower Upper

75 100

77 32.7 26.0 39.0

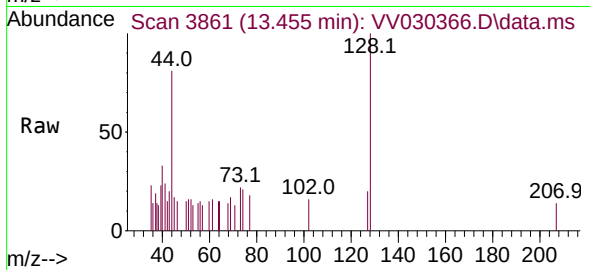
110 3.0 31.6 47.4#





#71
Naphthalene
Concen: 0.068 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.006 min
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ClientSampleId :
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Tgt Ion:128 Resp: 1401
Ion Ratio Lower Upper
128 100
129 2.9 8.9 13.3#
127 7.9 10.8 16.2#

