

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036198.D
 Acq On : 21 Jun 2024 11:50
 Operator : SY/MD
 Sample : P2960-12
 Misc : 5.39g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 12:17:13 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

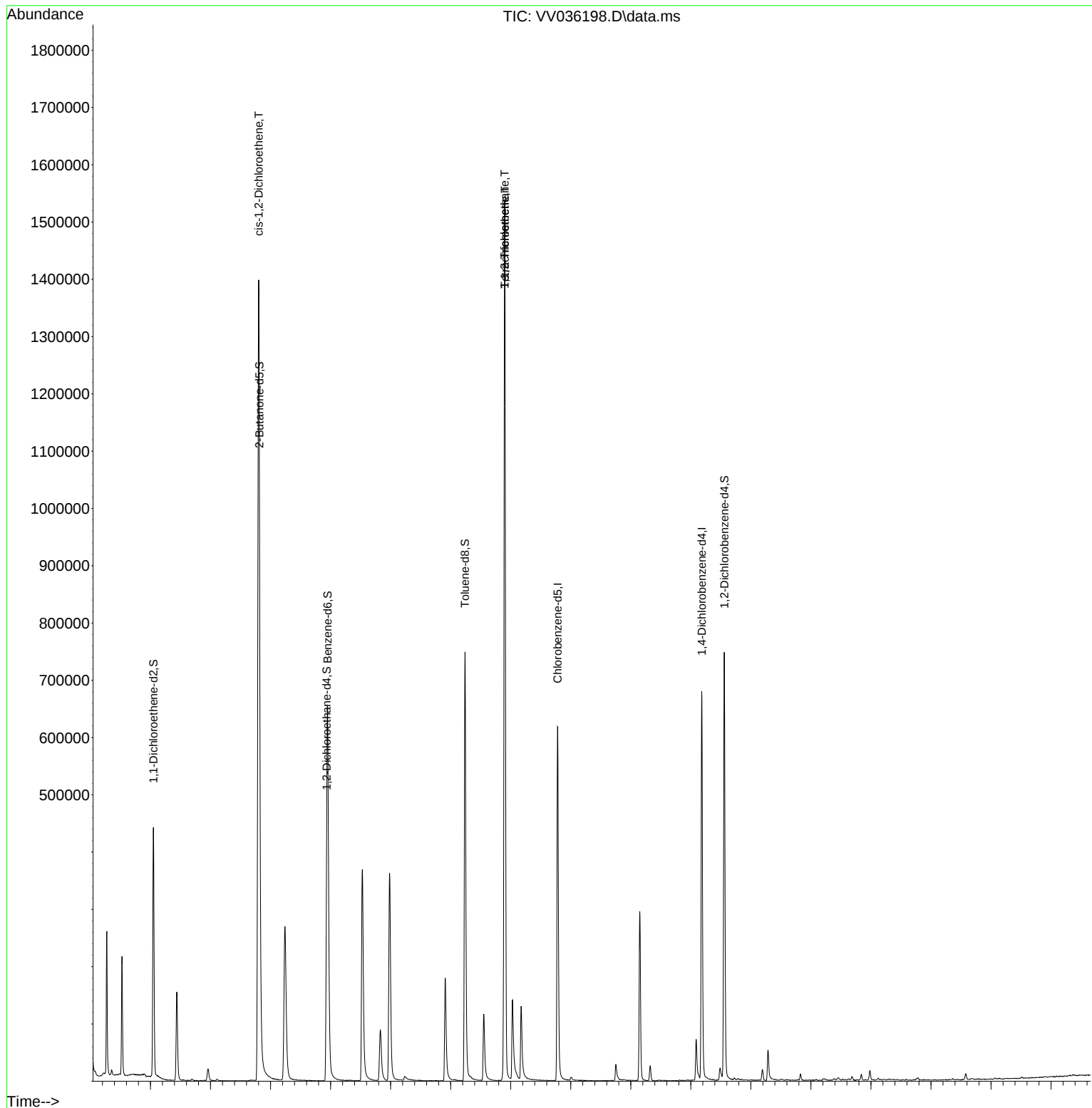
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	330332	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	349920	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175010	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	160042	26.352	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 105.400%		
7) Chloroethane-d5	1.526	69	134966	27.871	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 111.480%		
11) 1,1-Dichloroethene-d2	2.050	65	73909	27.337	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 109.360%		
21) 2-Butanone-d5	3.815	46	19892	14.276	ug/L	-0.02
Spiked Amount	50.000	Range 20 - 135	Recovery	= 28.560%		
24) Chloroform-d	4.240	84	290839	27.694	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 110.760%		
26) 1,2-Dichloroethane-d4	4.934	65	161872	29.398	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 117.600%		
32) Benzene-d6	4.950	84	596435	28.675	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 114.680%		
36) 1,2-Dichloropropane-d6	5.982	67	183004	27.939	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 111.760%		
41) Toluene-d8	7.239	98	513841	27.998	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 112.000%		
43) trans-1,3-Dichloroprop...	7.551	79	75106	27.965	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 111.840%		
47) 2-Hexanone-d5	8.030	63	53488	60.271	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 120.540%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	145446	29.715	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 118.840%		
66) 1,2-Dichlorobenzene-d4	11.558	152	192334	29.969	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 119.880%		
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	67430	9.021	ug/L	97
20) cis-1,2-Dichloroethene	3.802	96	774387	137.150	ug/L	99
25) Chloroform	4.272	83	7019	0.638	ug/L #	65
34) Trichloroethene	5.831	95	27772	3.959	ug/L	99
45) 1,1,2-Trichloroethane	7.899	97	3079	0.619	ug/L #	1
46) Tetrachloroethene	7.902	164	338916	66.066	ug/L	98
71) Naphthalene	13.451	128	4022	0.355	ug/L #	92

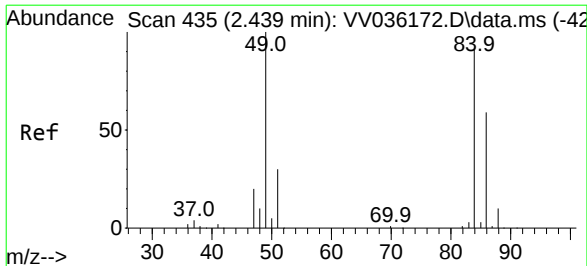
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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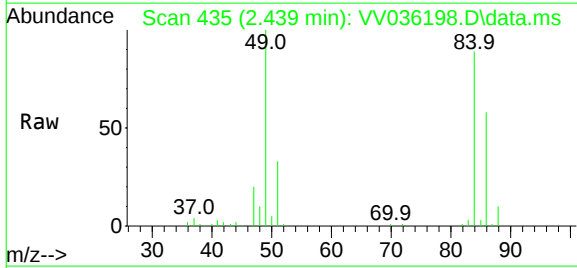
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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
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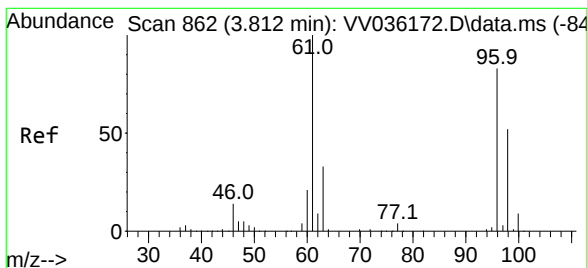
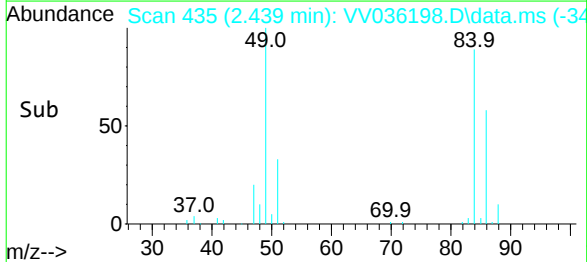
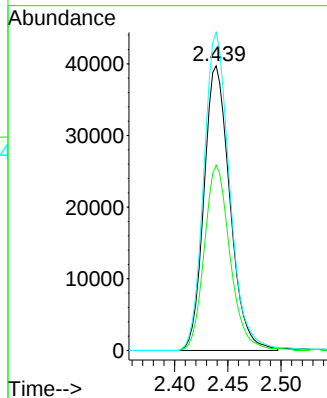


#16
Methylene chloride
Concen: 9.021 ug/L
RT: 2.439 min Scan# 43
Delta R.T. 0.000 min
Lab File: VV036198.D
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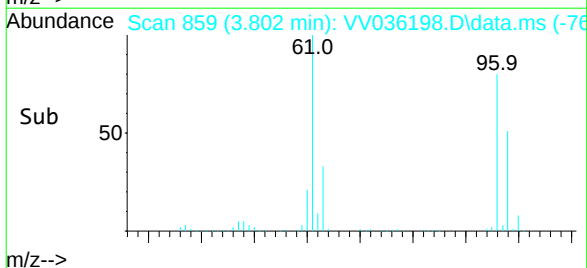
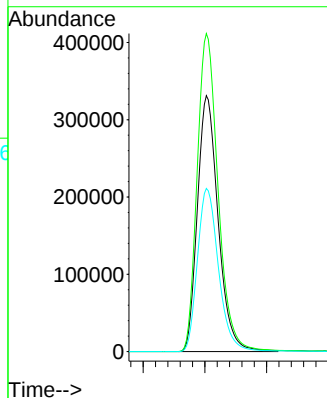
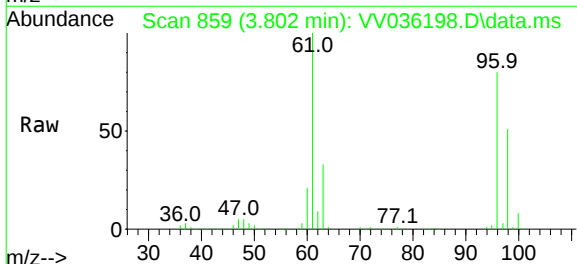


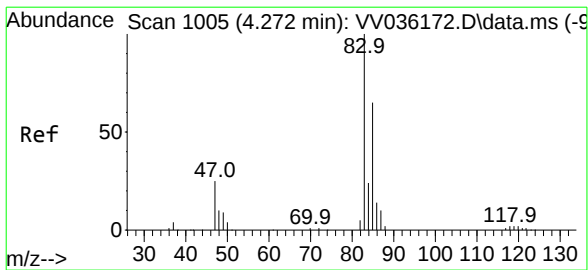
Tgt Ion: 84 Resp: 67430
Ion Ratio Lower Upper
84 100
86 65.1 44.6 82.8
49 111.7 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 137.150 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.006 min
Lab File: VV036198.D
Acq: 21 Jun 2024 11:50

Tgt Ion: 96 Resp: 774387
Ion Ratio Lower Upper
96 100
61 124.3 87.9 163.3
98 63.7 44.4 82.5





#25

Chloroform

Concen: 0.638 ug/L

RT: 4.272 min Scan# 10

Delta R.T. 0.003 min

Lab File: VV036198.D

Acq: 21 Jun 2024 11:50

Instrument :

MSVOA_V

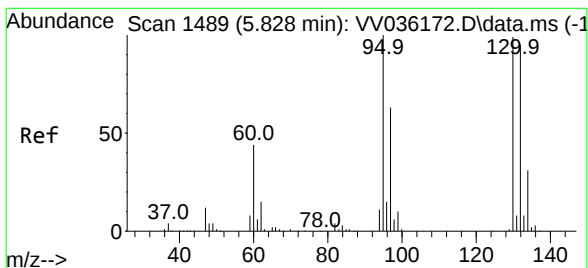
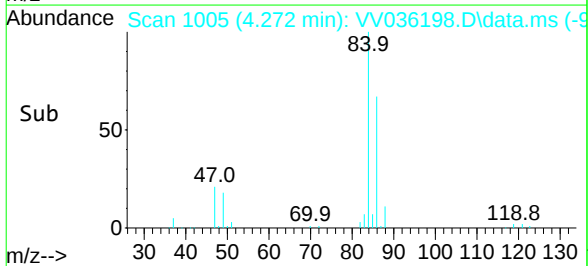
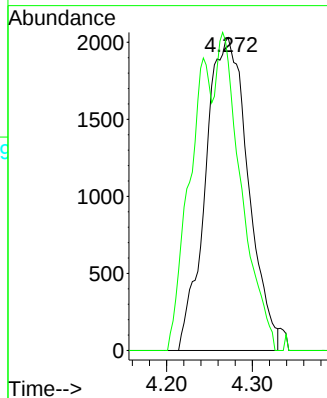
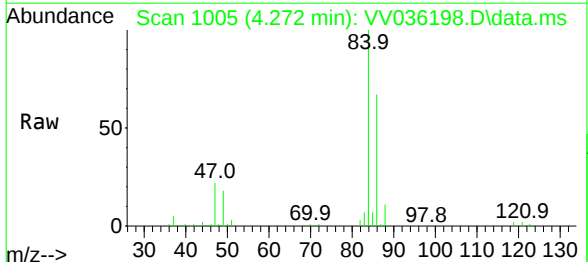
ClientSampleId :

Tgt Ion: 83 Resp: 7019

Ion Ratio Lower Upper

83 100

85 92.3 45.2 84.0#



#34

Trichloroethene

Concen: 3.959 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.007 min

Lab File: VV036198.D

Acq: 21 Jun 2024 11:50

Tgt Ion: 95 Resp: 27772

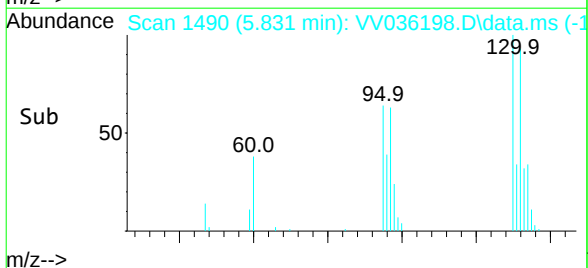
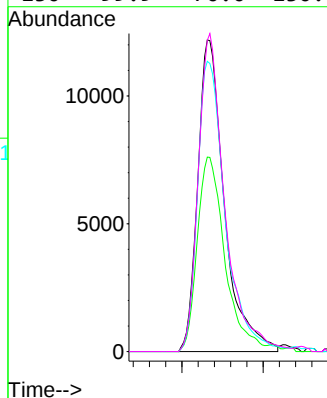
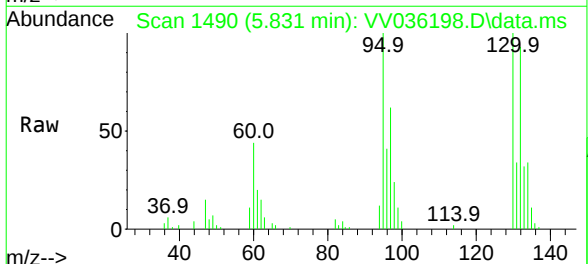
Ion Ratio Lower Upper

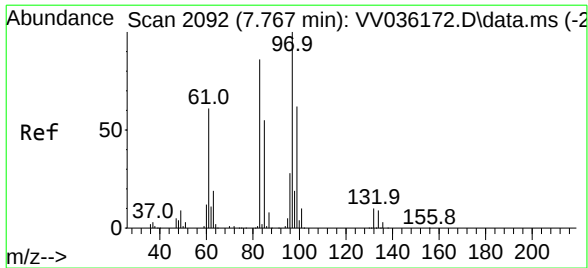
95 100

97 62.4 44.8 83.2

132 93.2 66.8 124.2

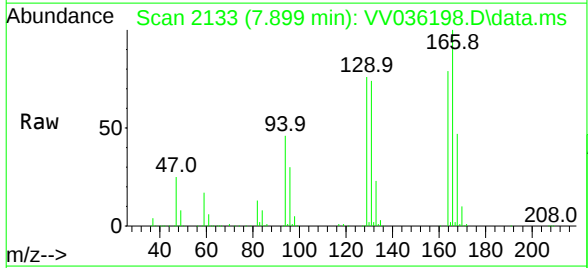
130 99.9 70.0 130.0



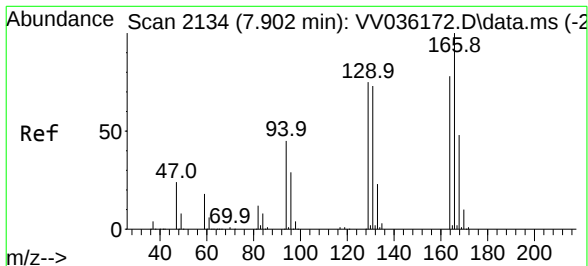
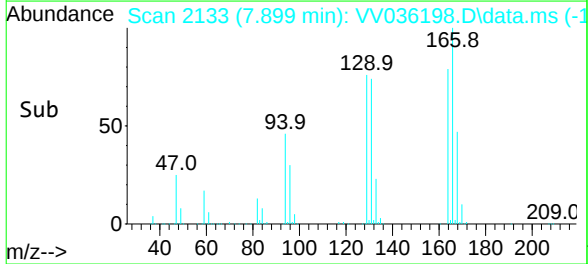
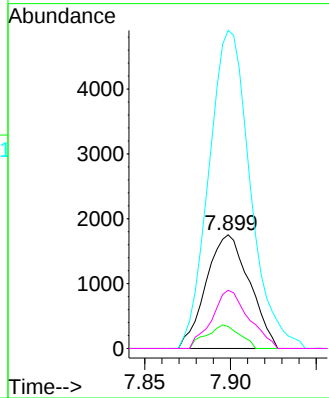


#45
1,1,2-Trichloroethane
Concen: 0.619 ug/L
RT: 7.899 min Scan# 2113
Delta R.T. 0.132 min
Lab File: VV036198.D
Acq: 21 Jun 2024 11:50

Instrument :
MSVOA_V
ClientSampleId :

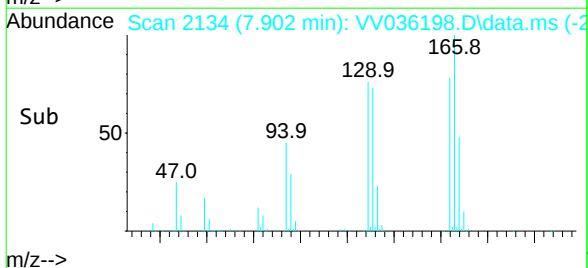
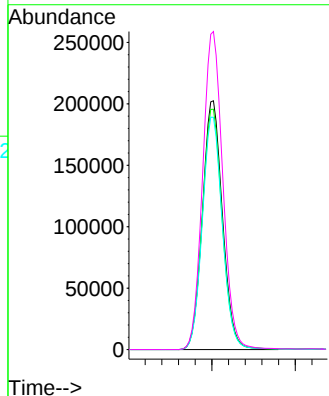
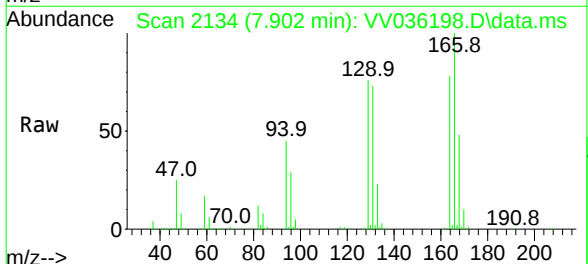


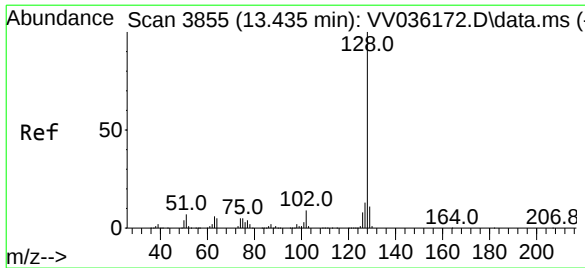
Tgt Ion: 97 Resp: 3079
Ion Ratio Lower Upper
97 100
99 19.3 43.3 80.5#
83 279.7 60.1 111.7#
85 51.2 38.9 72.3



#46
Tetrachloroethene
Concen: 66.066 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036198.D
Acq: 21 Jun 2024 11:50

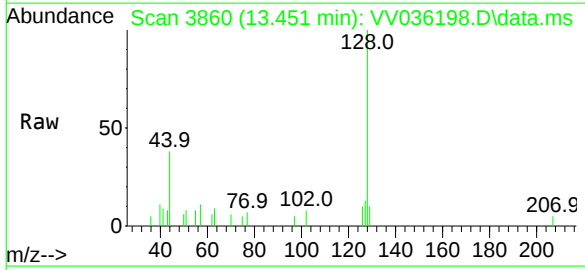
Tgt Ion: 164 Resp: 338916
Ion Ratio Lower Upper
164 100
129 96.6 64.6 120.0
131 93.4 63.2 117.4
166 127.8 89.5 166.3





#71
Naphthalene
Concen: 0.355 ug/L
RT: 13.451 min Scan# 3855
Delta R.T. 0.016 min
Lab File: VV036198.D
Acq: 21 Jun 2024 11:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 4022
Ion Ratio Lower Upper
128 100
127 9.0 10.6 16.0#
129 8.9 8.8 13.2

