

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036053.D
 Acq On : 13 Jun 2024 11:28
 Operator : SY/MD
 Sample : P2850-10
 Misc : 5.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

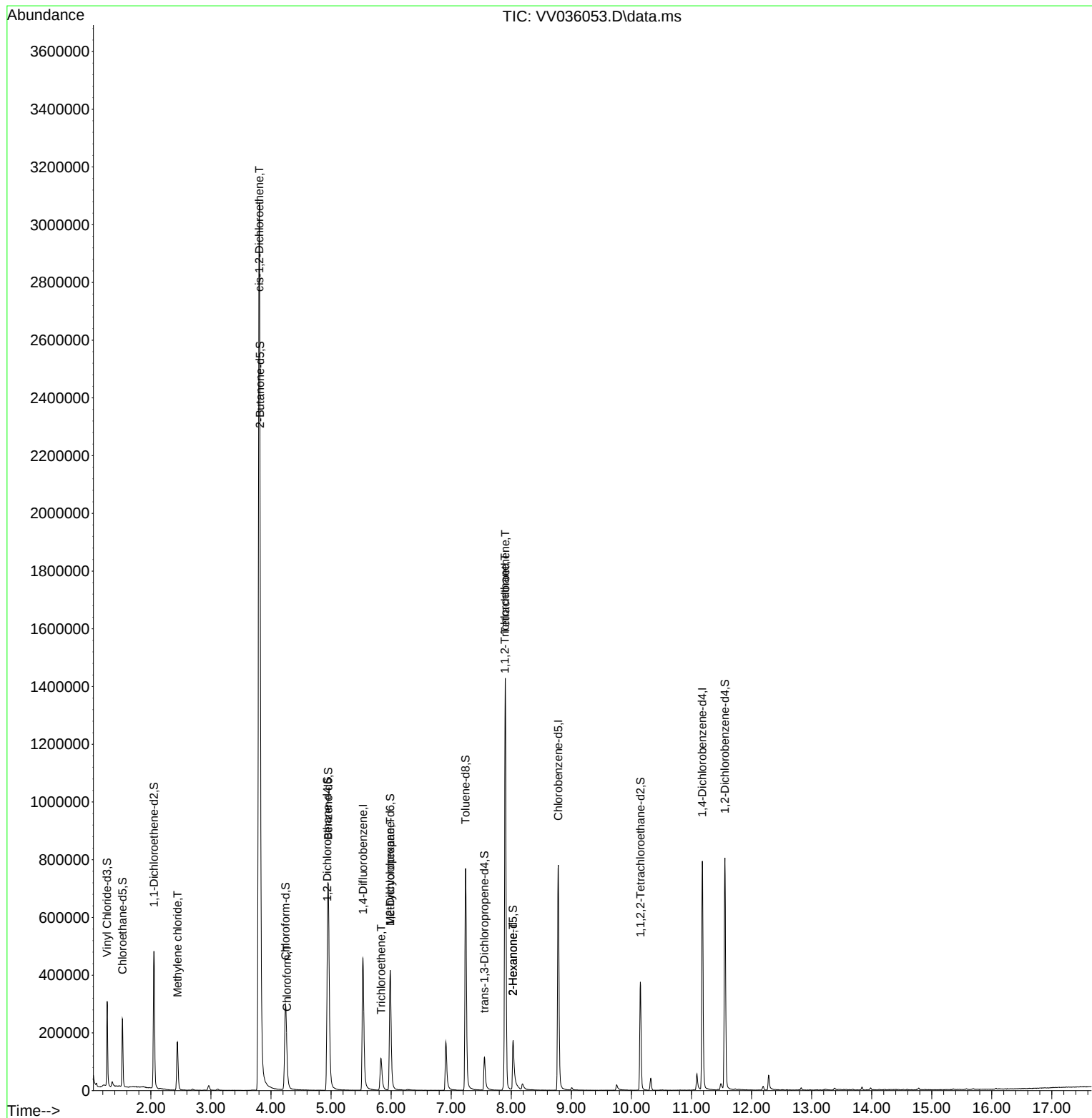
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	411029	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	439895	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	208201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	194976	25.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.200%
7) Chloroethane-d5	1.526	69	157045	26.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	2.050	65	84835	25.218	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.880%
21) 2-Butanone-d5	3.818	46	20843	12.022	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.040%
24) Chloroform-d	4.243	84	331739	25.387	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.560%
26) 1,2-Dichloroethane-d4	4.937	65	192623	28.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.440%
32) Benzene-d6	4.953	84	654229	25.020	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	5.985	67	214243	26.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.080%
41) Toluene-d8	7.239	98	537118	23.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	7.555	79	74357	22.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.080%
47) 2-Hexanone-d5	8.030	63	70348	63.056	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.120%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	188123	30.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.280%#
66) 1,2-Dichlorobenzene-d4	11.558	152	212272	27.803	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.200%
Target Compounds						
16) Methylene chloride	2.442	84	73796	7.934	ug/L	97
20) cis-1,2-Dichloroethene	3.805	96	1709525	243.328	ug/L	98
25) Chloroform	4.269	83	7690	0.561	ug/L	76
34) Trichloroethene	5.834	95	36386	4.126	ug/L	96
35) Methylcyclohexane	5.985	83	51014	4.184	ug/L #	19
45) 1,1,2-Trichloroethane	7.895	97	2628	0.420	ug/L #	1
46) Tetrachloroethene	7.902	164	322196	49.961	ug/L	99
48) 2-Hexanone	8.030	43	7911	2.465	ug/L #	70

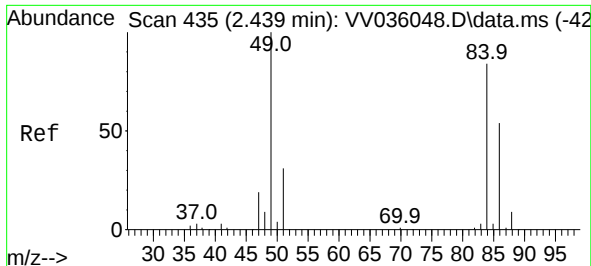
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration

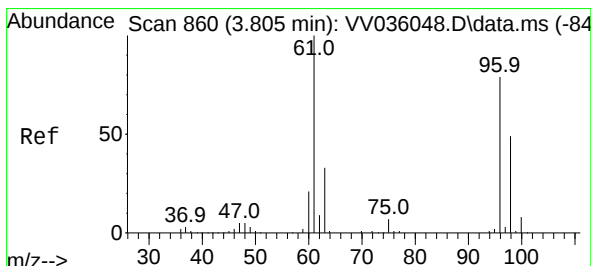
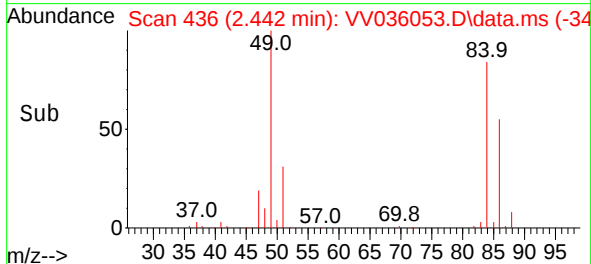
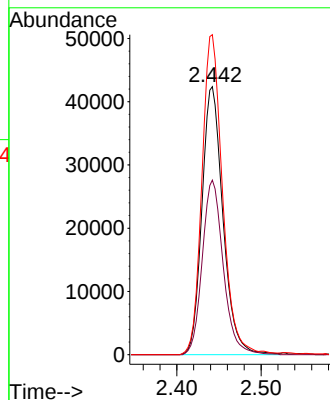
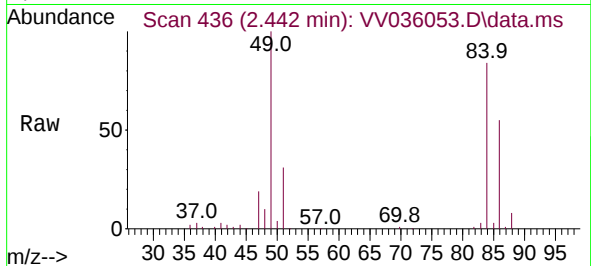




#16
Methylene chloride
Concen: 7.934 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036053.D
Acq: 13 Jun 2024 11:28

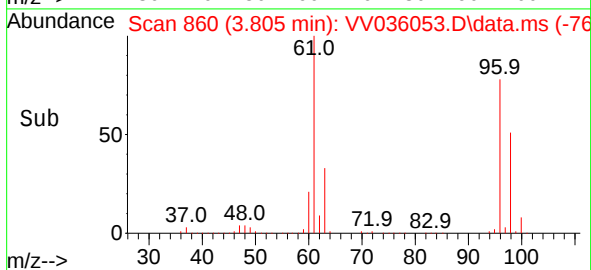
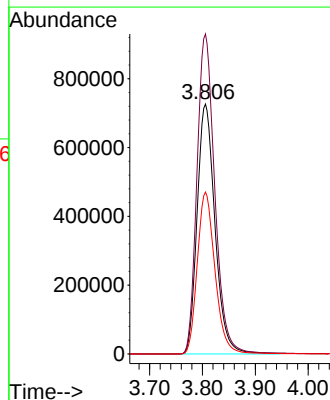
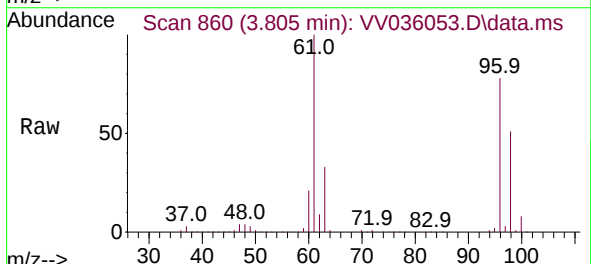
Instrument :
MSVOA_V
ClientSampleId :

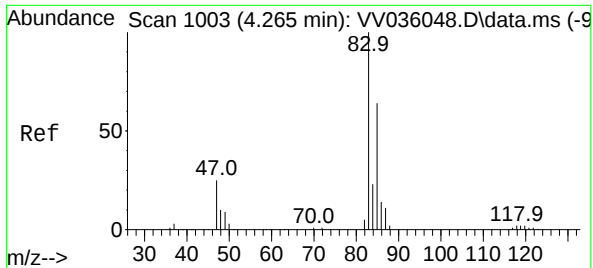
Tgt Ion: 84 Resp: 73796
Ion Ratio Lower Upper
84 100
86 65.2 44.6 82.8
49 119.4 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 243.328 ug/L
RT: 3.805 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV036053.D
Acq: 13 Jun 2024 11:28

Tgt Ion: 96 Resp: 1709525
Ion Ratio Lower Upper
96 100
61 128.0 87.9 163.3
98 64.8 44.4 82.5





#25

Chloroform

Concen: 0.561 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036053.D

Acq: 13 Jun 2024 11:28

Instrument :

MSVOA_V

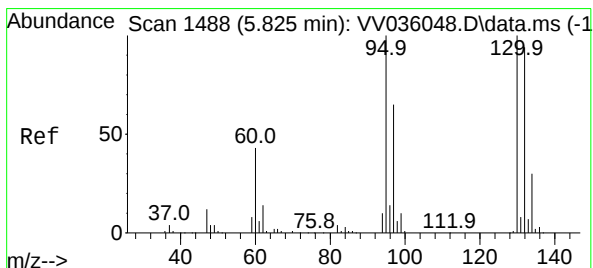
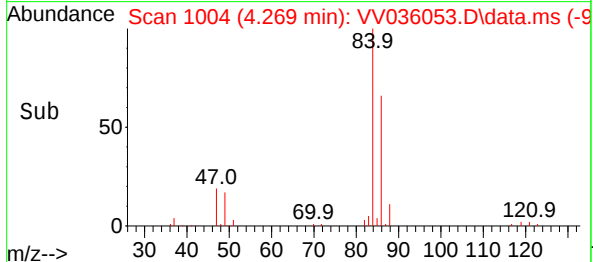
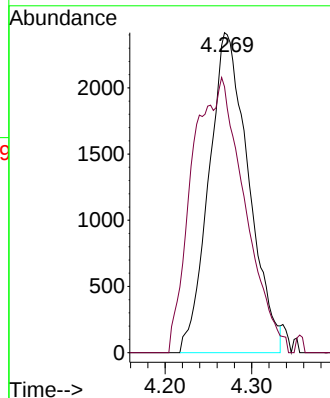
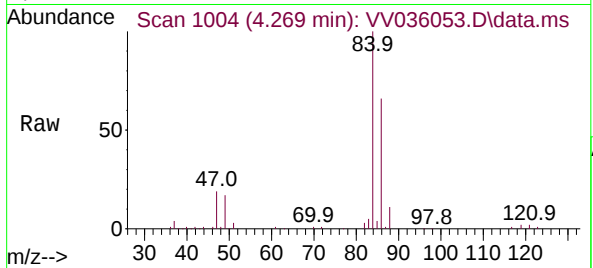
ClientSampleId :

Tgt Ion: 83 Resp: 7690

Ion Ratio Lower Upper

83 100

85 83.1 45.2 84.0



#34

Trichloroethene

Concen: 4.126 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV036053.D

Acq: 13 Jun 2024 11:28

Tgt Ion: 95 Resp: 36386

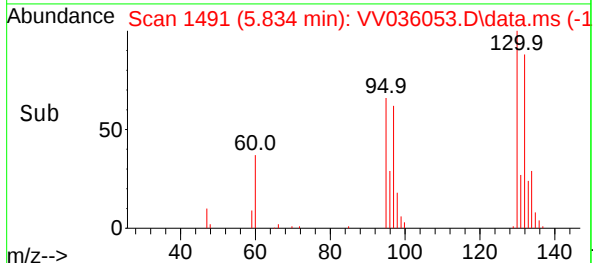
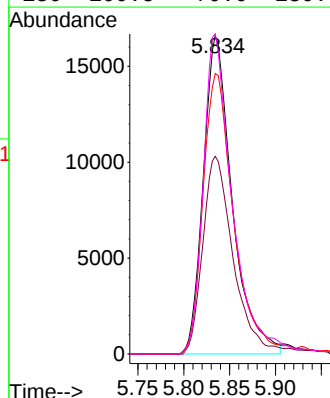
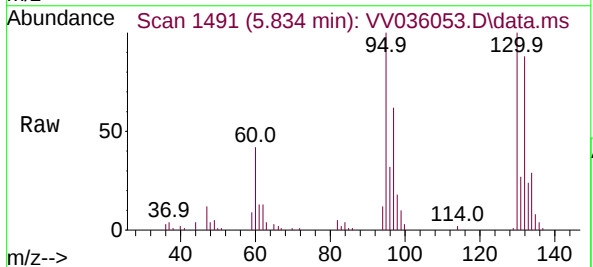
Ion Ratio Lower Upper

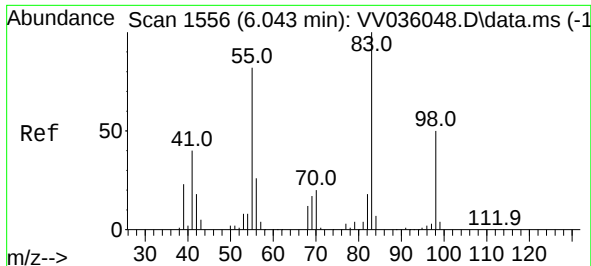
95 100

97 62.1 44.8 83.2

132 88.1 66.8 124.2

130 100.5 70.0 130.0





#35

Methylcyclohexane

Concen: 4.184 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV036053.D

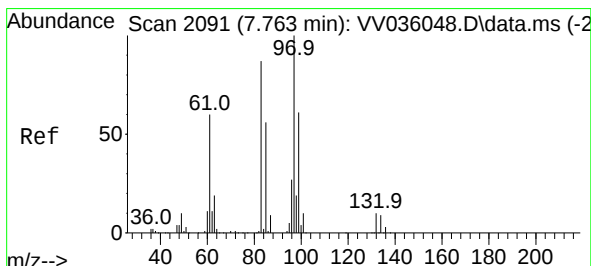
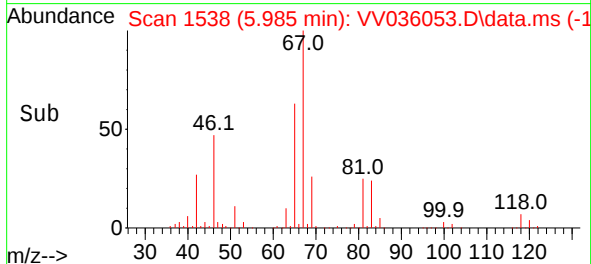
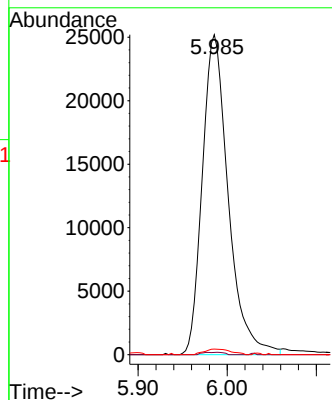
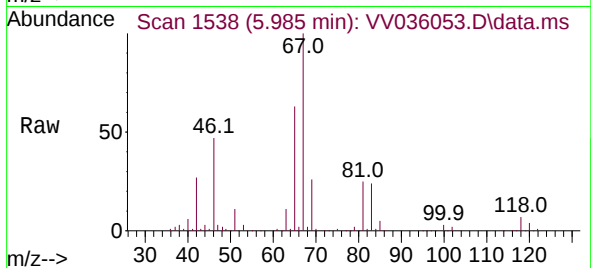
Acq: 13 Jun 2024 11:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 51014
Ion Ratio	Lower Upper
83 100	
55 0.3	60.7 91.1#
98 1.8	38.7 58.1#



#45

1,1,2-Trichloroethane

Concen: 0.420 ug/L

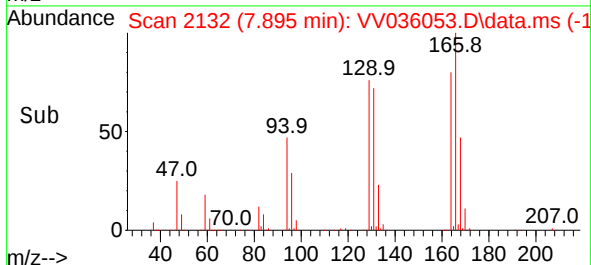
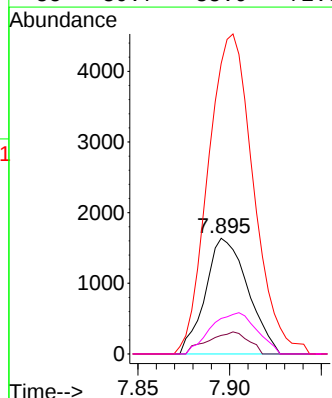
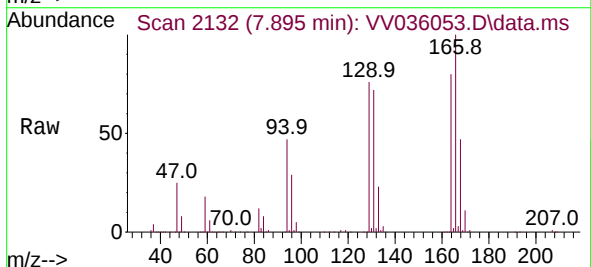
RT: 7.895 min Scan# 2132

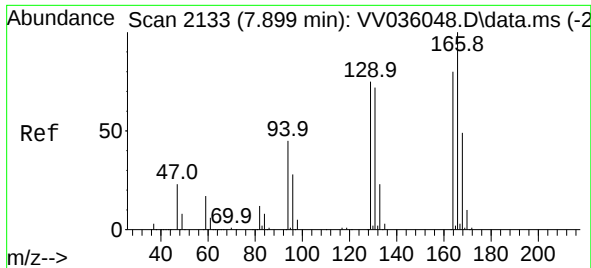
Delta R.T. 0.132 min

Lab File: VV036053.D

Acq: 13 Jun 2024 11:28

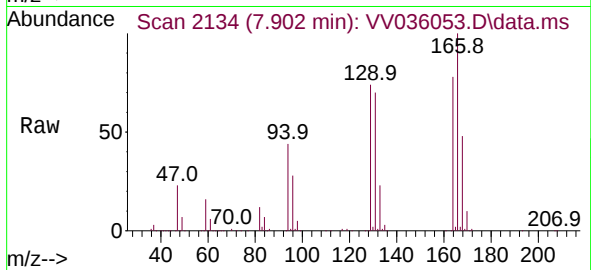
Tgt Ion: 97	Resp: 2628
Ion Ratio	Lower Upper
97 100	
99 16.0	43.3 80.5#
83 250.9	60.1 111.7#
85 30.7	38.9 72.3#



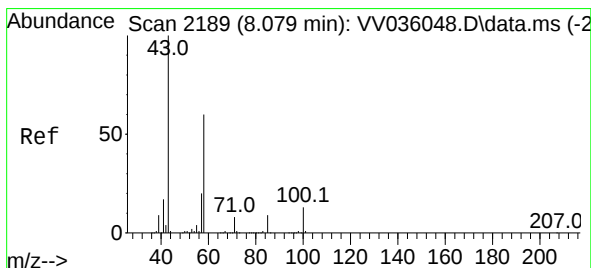
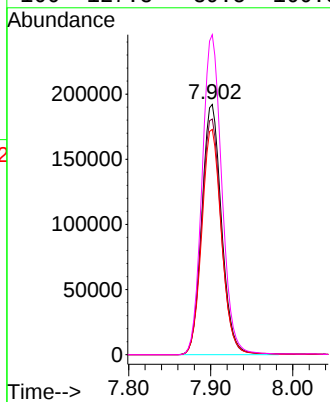
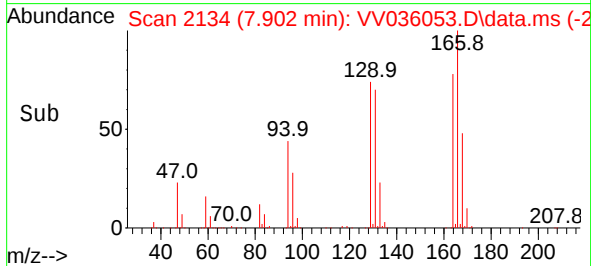


#46
Tetrachloroethene
Concen: 49.961 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036053.D
Acq: 13 Jun 2024 11:28

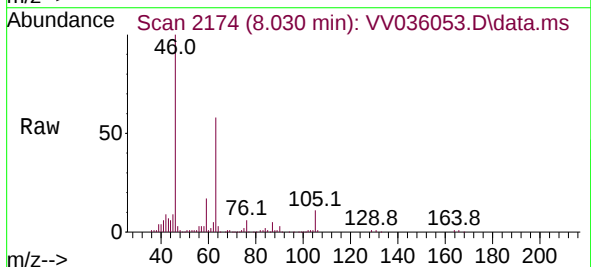
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 322196
Ion Ratio Lower Upper
164 100
129 94.2 64.6 120.0
131 90.0 63.2 117.4
166 127.8 89.5 166.3



#48
2-Hexanone
Concen: 2.465 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.048 min
Lab File: VV036053.D
Acq: 13 Jun 2024 11:28



Tgt Ion: 43 Resp: 7911
Ion Ratio Lower Upper
43 100
58 41.4 45.4 68.0#
57 47.4 15.8 23.8#
100 1.8 9.8 14.8#

