

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033832.D
 Acq On : 23 Jan 2024 16:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:05:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

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

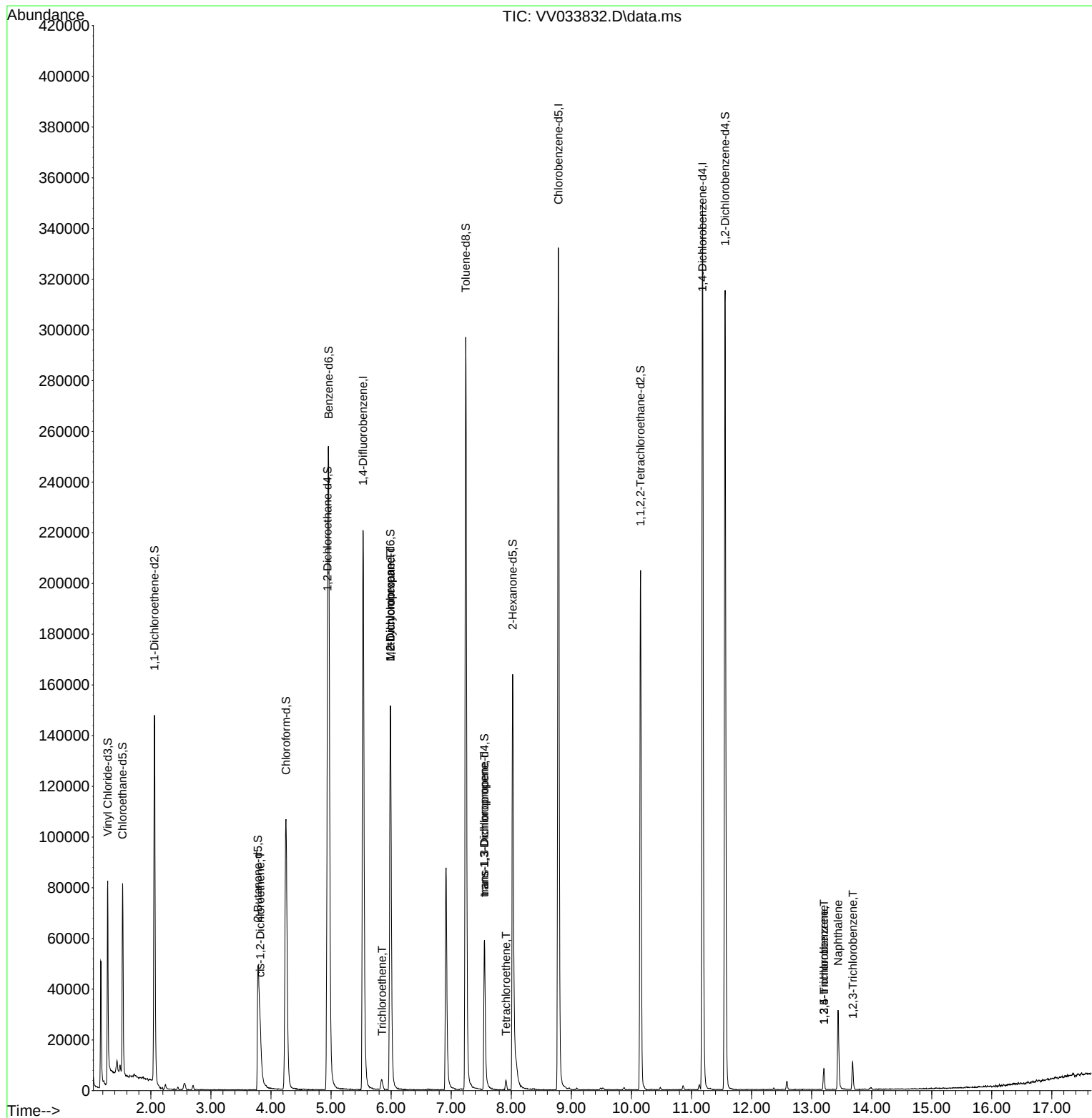
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	190003	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	180227	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	88090	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	50498	34.581	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.160%		
7) Chloroethane-d5	1.529	69	48308	41.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.540%		
11) 1,1-Dichloroethene-d2	2.060	65	24878	39.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.180%		
21) 2-Butanone-d5	3.783	46	77191	77.067	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.070%		
24) Chloroform-d	4.249	84	113862	43.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.220%		
26) 1,2-Dichloroethane-d4	4.940	65	81310	48.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.380%		
32) Benzene-d6	4.960	84	219506	42.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.680%		
36) 1,2-Dichloropropane-d6	5.989	67	71670	42.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.980%		
41) Toluene-d8	7.243	98	196228	42.506	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.020%		
43) trans-1,3-Dichloroprop...	7.555	79	35059	42.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.120%		
47) 2-Hexanone-d5	8.024	63	56066	80.142	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.140%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	94725	43.994	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.980%		
66) 1,2-Dichlorobenzene-d4	11.561	152	79211	47.394	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.780%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.822	96	7554	5.329	ug/L	98
34) Trichloroethene	5.850	95	1199	0.844	ug/L	83
35) Methylcyclohexane	5.989	83	17498	7.201	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	8926	6.128	ug/L #	88
44) trans-1,3-Dichloropropene	7.551	75	1821	0.812	ug/L #	78
46) Tetrachloroethene	7.911	164	958	0.920	ug/L	95
69) 1,3,5-Trichlorobenzene	13.207	180	2639	1.327	ug/L	91
70) 1,2,4-trichlorobenzene	13.207	180	2639	1.462	ug/L	89
71) Naphthalene	13.442	128	25989	5.508	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	3624	2.150	ug/L	98

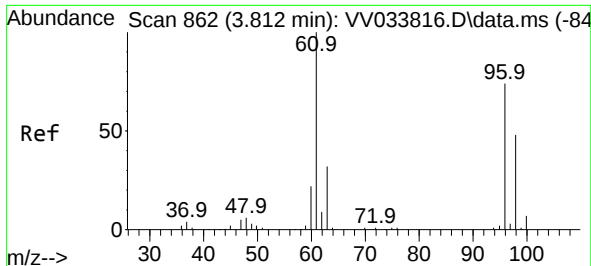
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033832.D
Acq On : 23 Jan 2024 16:23
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

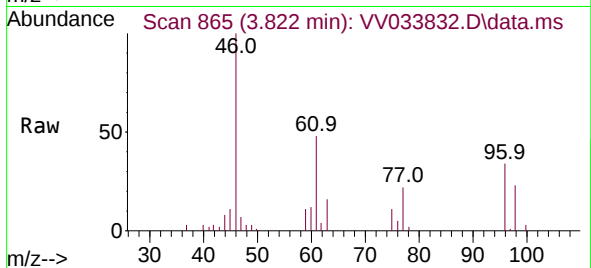
Quant Time: Jan 24 02:05:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration





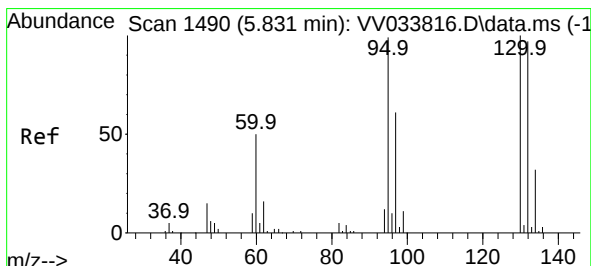
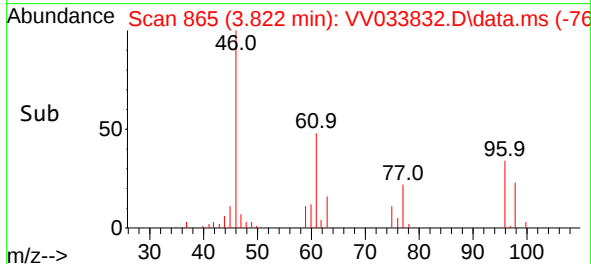
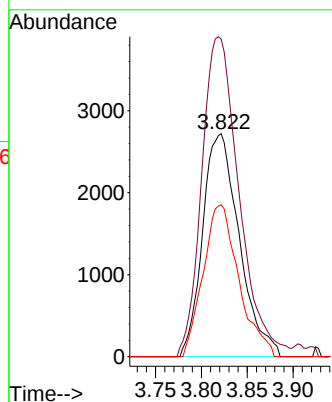
#20
cis-1,2-Dichloroethene
Concen: 5.329 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.010 min
Lab File: VV033832.D
Acq: 23 Jan 2024 16:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 7554

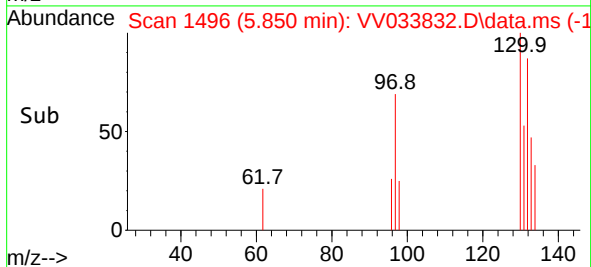
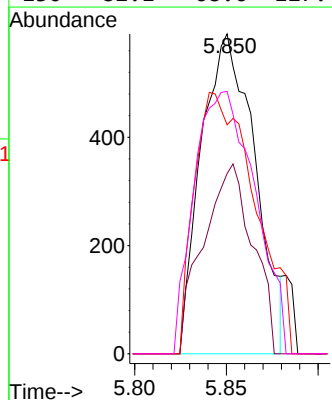
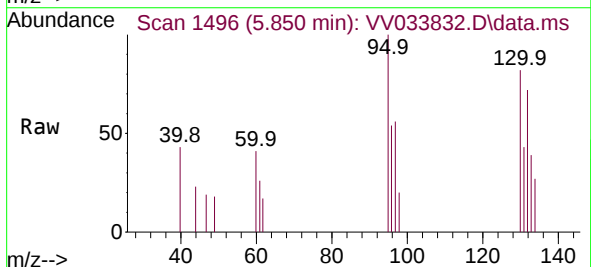
Ion	Ratio	Lower	Upper
96	100		
61	142.4	100.6	186.8
98	68.2	44.6	82.8

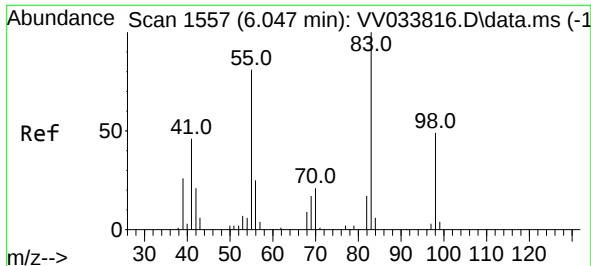


#34
Trichloroethene
Concen: 0.844 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV033832.D
Acq: 23 Jan 2024 16:23

Tgt Ion: 95 Resp: 1199

Ion	Ratio	Lower	Upper
95	100		
97	56.3	44.4	82.4
132	71.6	65.5	121.7
130	82.1	68.6	127.4

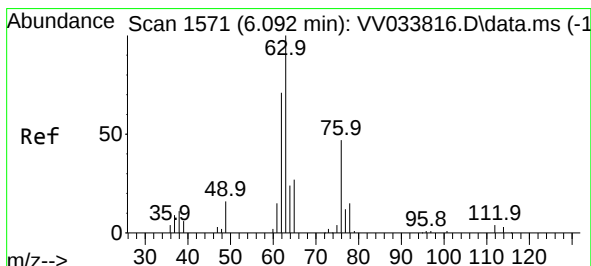
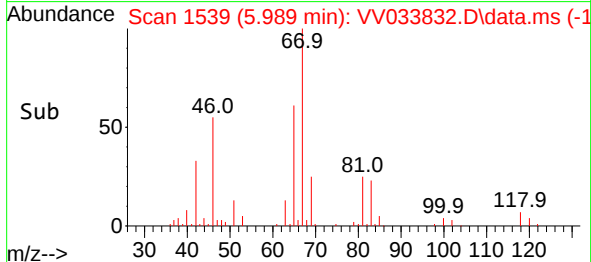
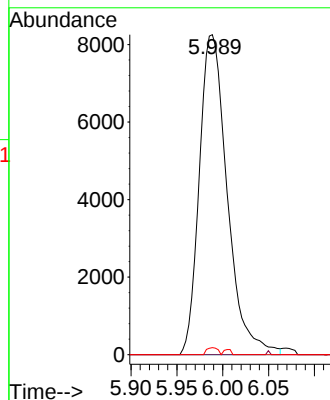
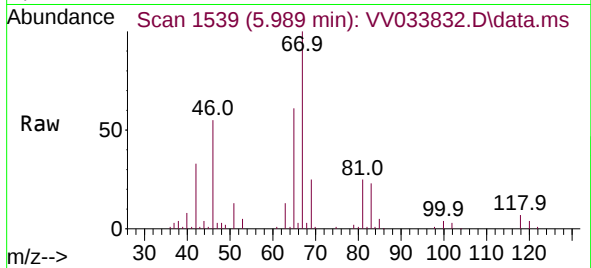




#35
Methylcyclohexane
Concen: 7.201 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033832.D
Acq: 23 Jan 2024 16:23

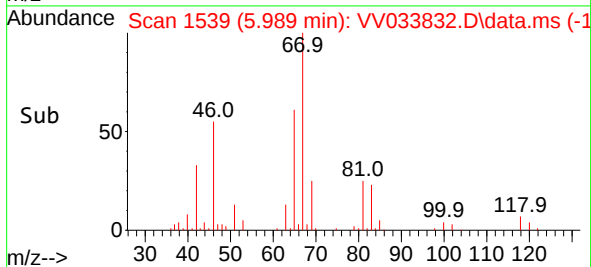
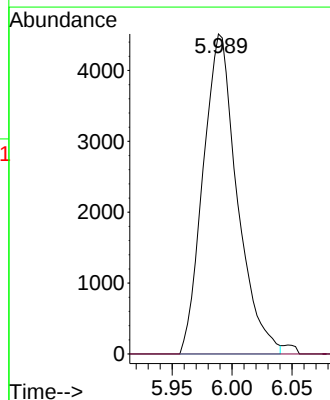
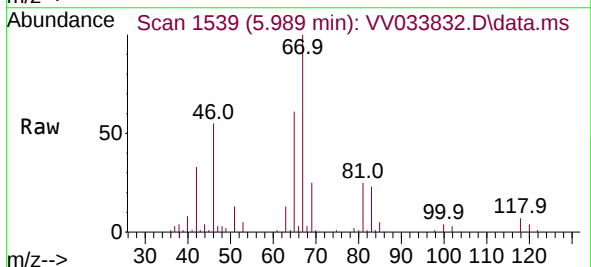
Instrument :
MSVOA_V
ClientSampleId :

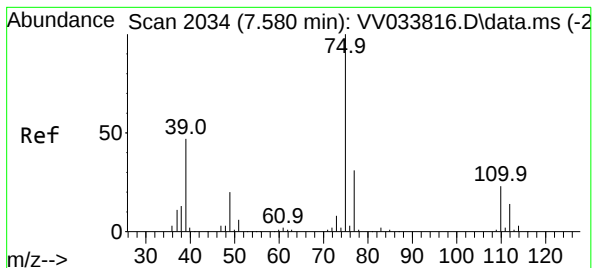
Tgt Ion: 83 Resp: 17498
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 0.9 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 6.128 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033832.D
Acq: 23 Jan 2024 16:23

Tgt Ion: 63 Resp: 8926
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#44

trans-1,3-Dichloropropene

Concen: 0.812 ug/L

RT: 7.551 min Scan# 2034

Delta R.T. -0.029 min

Lab File: VV033832.D

Acq: 23 Jan 2024 16:23

Instrument :

MSVOA_V

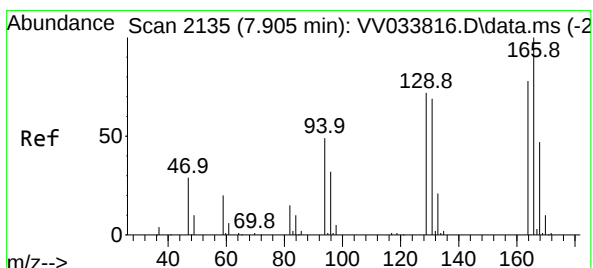
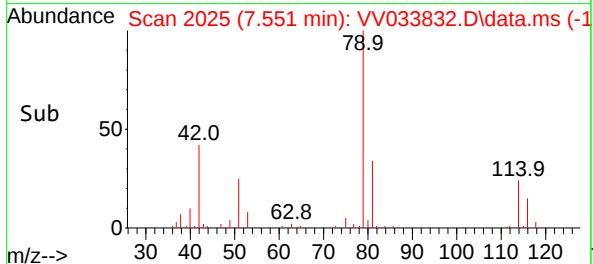
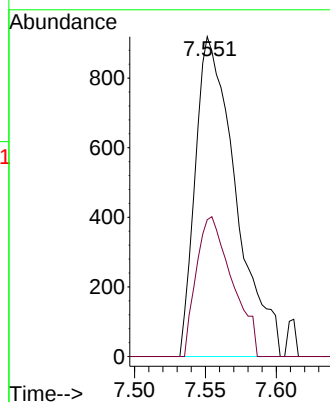
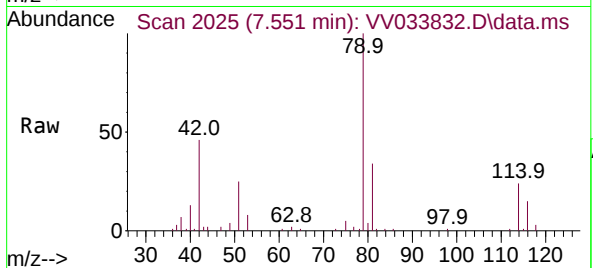
ClientSampleId :

Tgt Ion: 75 Resp: 1821

Ion Ratio Lower Upper

75 100

77 42.8 21.6 40.0#



#46

Tetrachloroethene

Concen: 0.920 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV033832.D

Acq: 23 Jan 2024 16:23

Tgt Ion: 164 Resp: 958

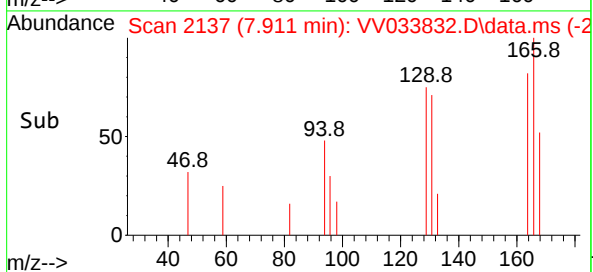
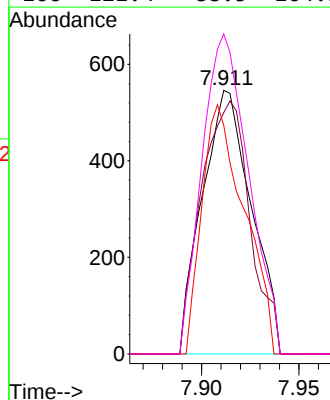
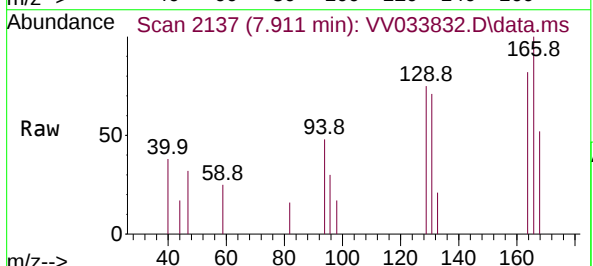
Ion Ratio Lower Upper

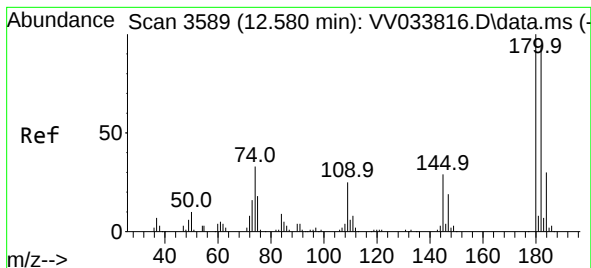
164 100

129 91.6 66.1 122.7

131 86.8 65.9 122.5

166 121.4 88.5 164.3





#69

1,3,5-Trichlorobenzene

Concen: 1.327 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.627 min

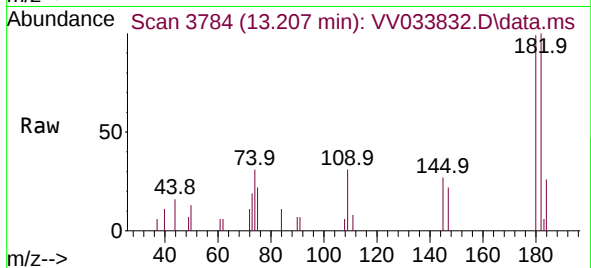
Lab File: VV033832.D

Acq: 23 Jan 2024 16:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2639

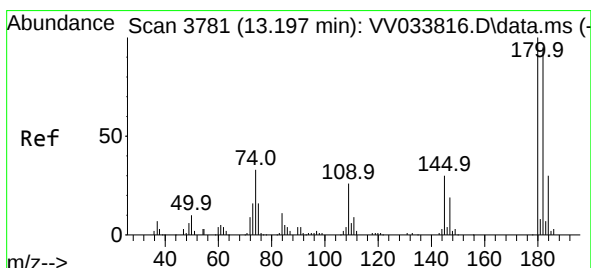
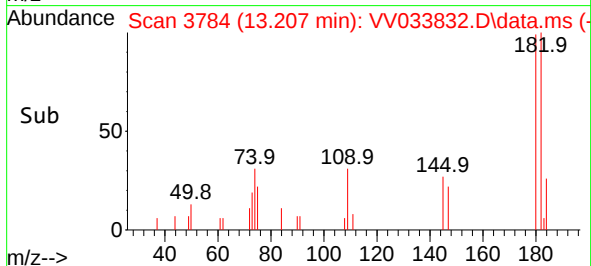
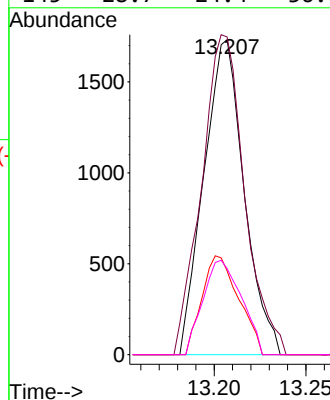
Ion Ratio Lower Upper

180 100

182 108.2 76.2 114.2

184 28.7 23.9 35.9

145 28.7 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 1.462 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.010 min

Lab File: VV033832.D

Acq: 23 Jan 2024 16:23

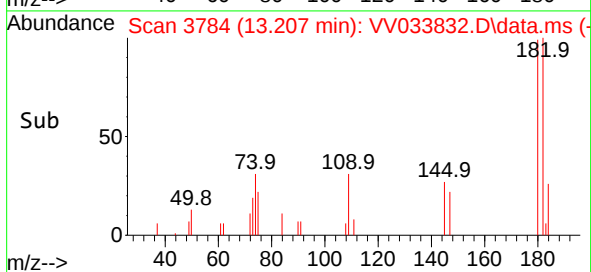
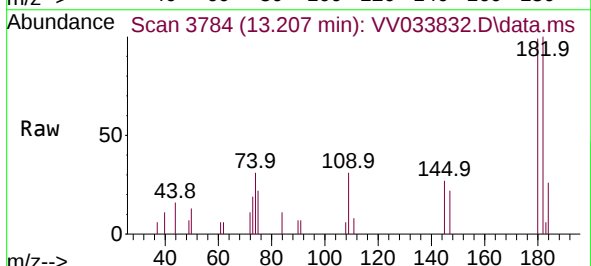
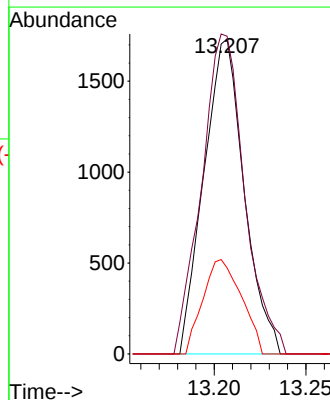
Tgt Ion:180 Resp: 2639

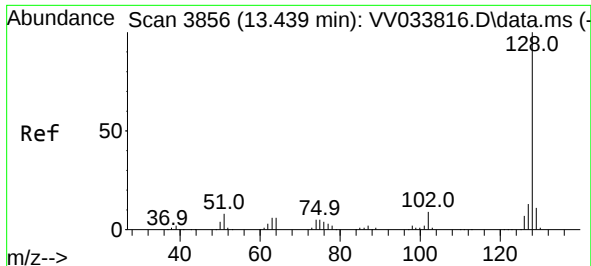
Ion Ratio Lower Upper

180 100

182 108.2 76.3 114.5

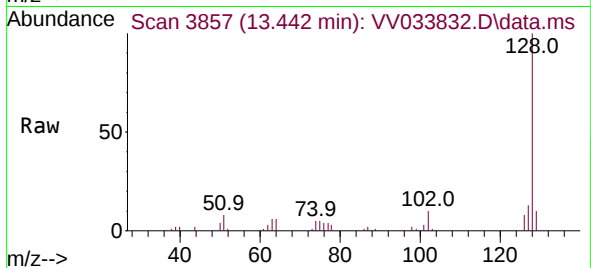
145 28.7 25.4 38.0



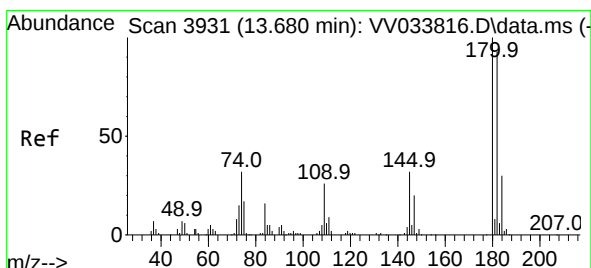
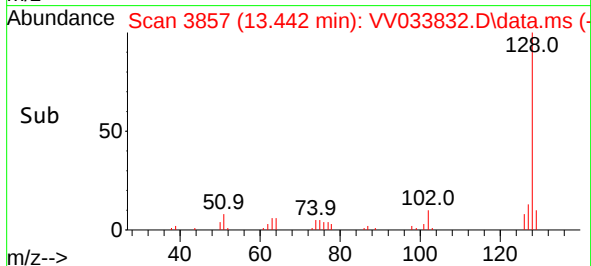
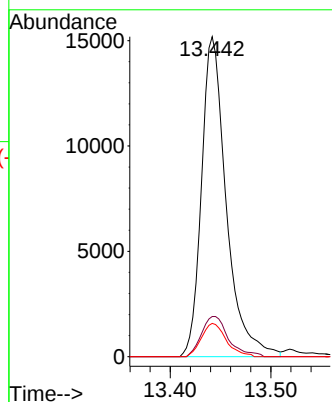


#71
Naphthalene
Concen: 5.508 ug/L
RT: 13.442 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV033832.D
Acq: 23 Jan 2024 16:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 25989
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.4 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.150 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV033832.D
Acq: 23 Jan 2024 16:23

Tgt Ion:180 Resp: 3624
Ion Ratio Lower Upper
180 100
182 97.0 76.0 114.0
145 33.1 26.3 39.5

