

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036177.D
 Acq On : 20 Jun 2024 21:41
 Operator : SY/MD
 Sample : P2960-15
 Misc : 6.03g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:13:45 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)

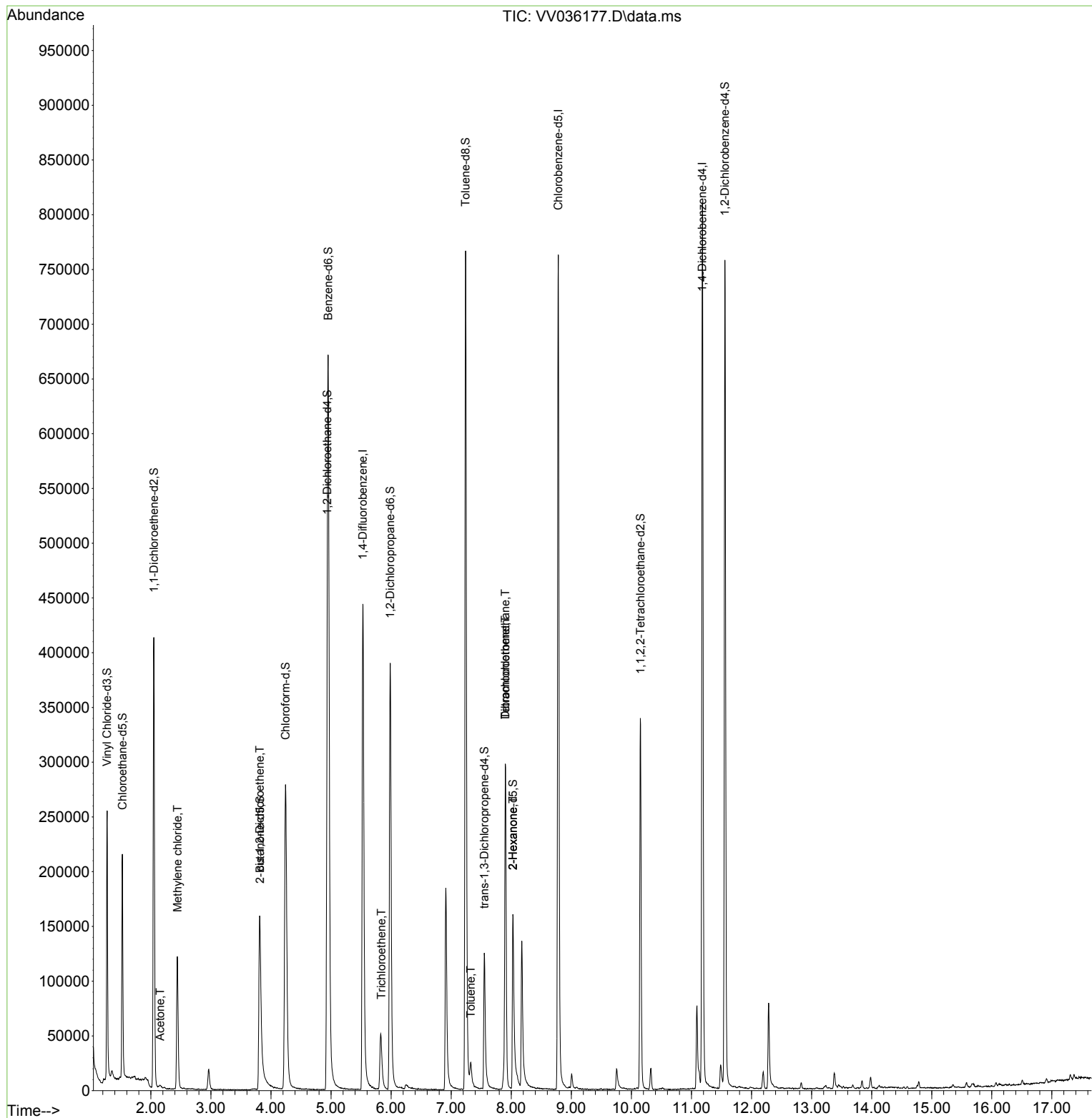
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	390722	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	428642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	211891	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	168993	23.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.120%
7) Chloroethane-d5	1.526	69	140369	24.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.040%
11) 1,1-Dichloroethene-d2	2.050	65	71204	22.266	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.080%
21) 2-Butanone-d5	3.818	46	74604	45.266	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.540%
24) Chloroform-d	4.243	84	306935	24.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	4.937	65	184580	28.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.360%
32) Benzene-d6	4.953	84	614032	24.099	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.986	67	198366	24.722	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	7.240	98	529371	23.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.551	79	79452	24.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	8.027	63	63676	58.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	165590	27.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.480%
66) 1,2-Dichlorobenzene-d4	11.558	152	192337	24.753	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	3163	1.232	ug/L	84
16) Methylene chloride	2.442	84	55017	6.223	ug/L	96
20) cis-1,2-Dichloroethene	3.812	96	77735	11.640	ug/L	98
34) Trichloroethene	5.838	95	8749	1.018	ug/L	88
42) Toluene	7.326	91	18581	0.649	ug/L	94
46) Tetrachloroethene	7.902	164	67359	10.719	ug/L	99
48) 2-Hexanone	8.027	43	6953	2.224	ug/L #	68
49) Dibromochloromethane	7.902	129	61337	9.201	ug/L #	11

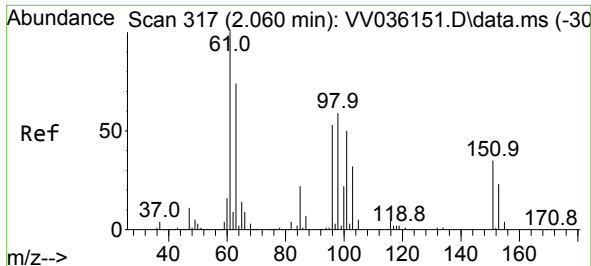
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.232 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.010 min

Lab File: VV036177.D

Acq: 20 Jun 2024 21:41

Instrument :

MSVOA_V

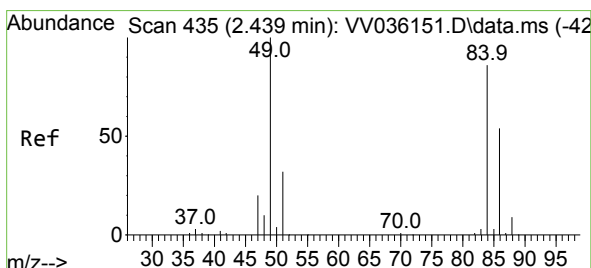
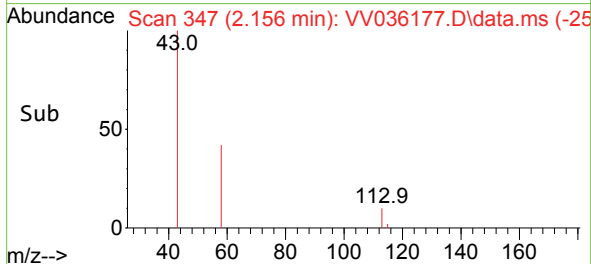
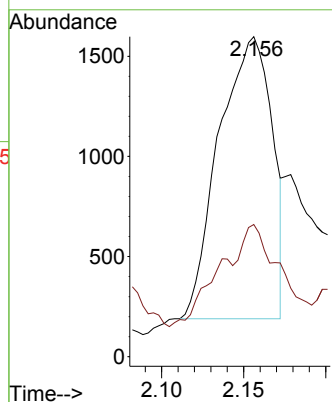
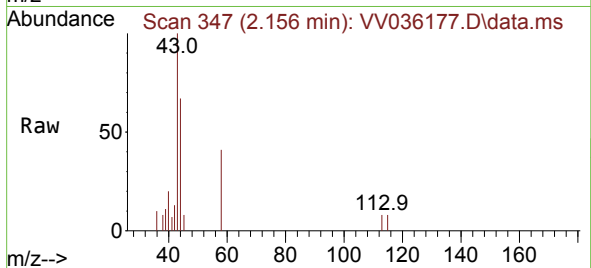
ClientSampleId :

Tgt Ion: 43 Resp: 3163

Ion Ratio Lower Upper

43 100

58 6.0 0.0 24.2



#16

Methylene chloride

Concen: 6.223 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036177.D

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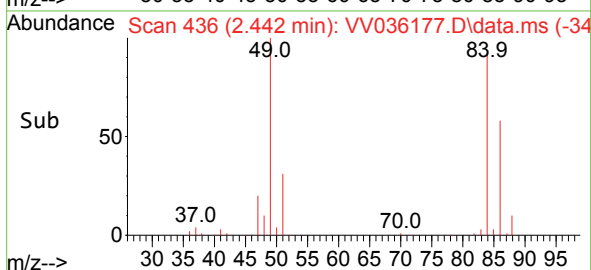
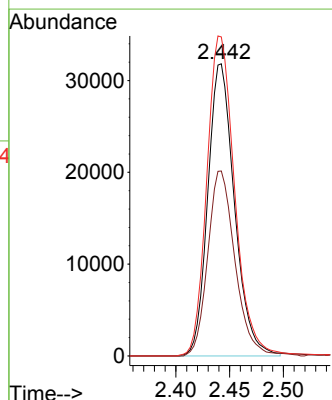
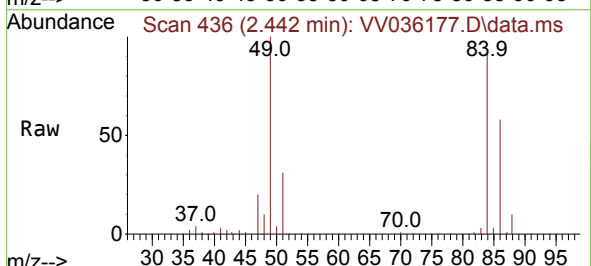
Tgt Ion: 84 Resp: 55017

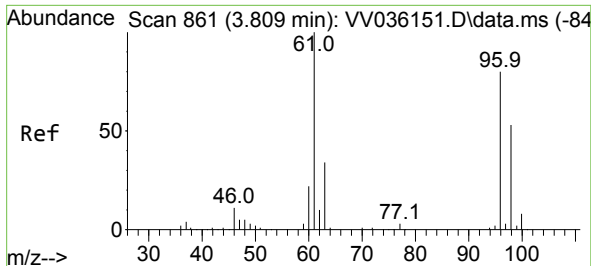
Ion Ratio Lower Upper

84 100

86 63.3 44.6 82.8

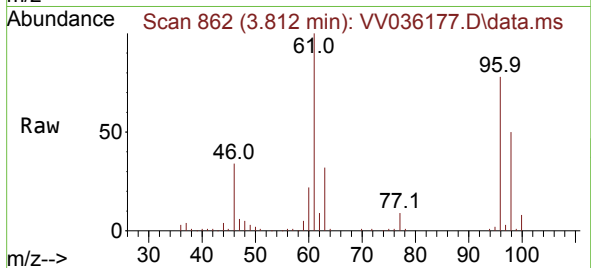
49 109.2 81.1 150.5



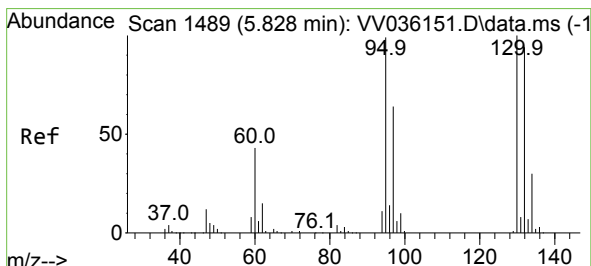
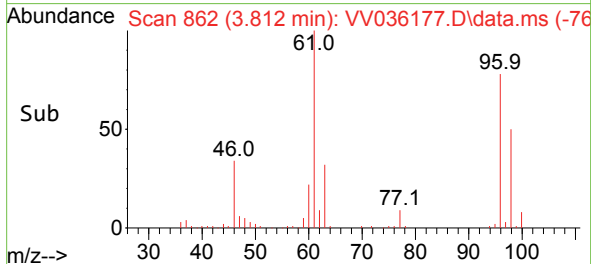
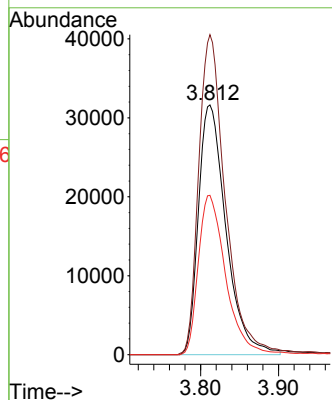


#20
 cis-1,2-Dichloroethene
 Concen: 11.640 ug/L
 RT: 3.812 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV036177.D
 Acq: 20 Jun 2024 21:41

Instrument :
 MSVOA_V
 ClientSampleId :

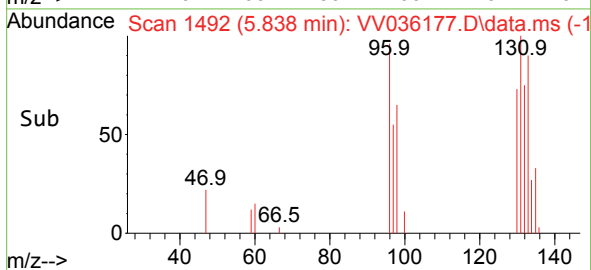
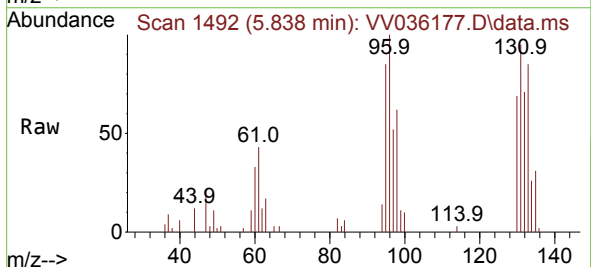
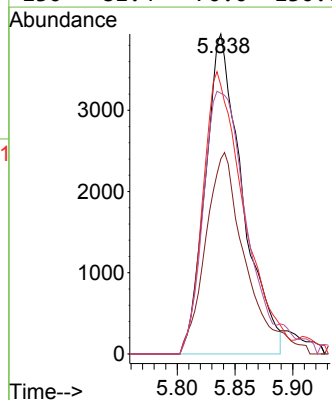


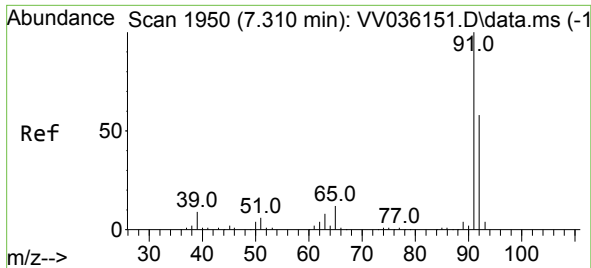
Tgt Ion: 96 Resp: 77735
 Ion Ratio Lower Upper
 96 100
 61 128.1 87.9 163.3
 98 63.8 44.4 82.5



#34
 Trichloroethene
 Concen: 1.018 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. 0.013 min
 Lab File: VV036177.D
 Acq: 20 Jun 2024 21:41

Tgt Ion: 95 Resp: 8749
 Ion Ratio Lower Upper
 95 100
 97 61.0 44.8 83.2
 132 83.9 66.8 124.2
 130 81.4 70.0 130.0

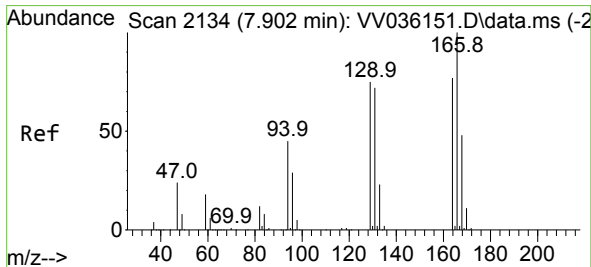
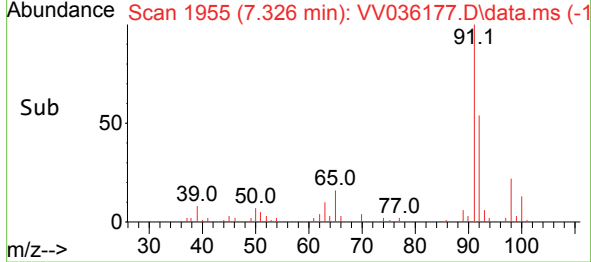
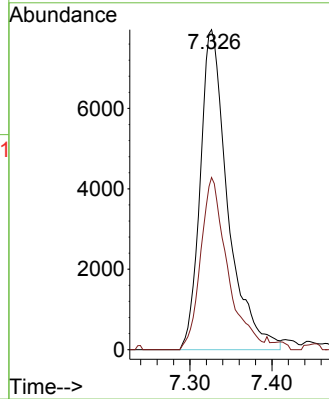
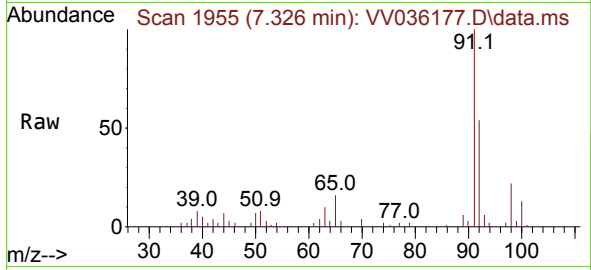




#42
Toluene
Concen: 0.649 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.016 min
Lab File: VV036177.D
Acq: 20 Jun 2024 21:41

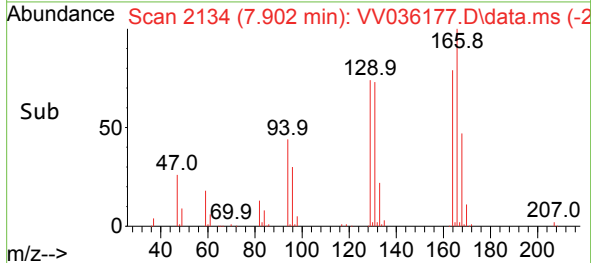
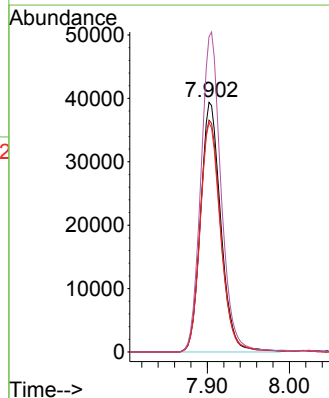
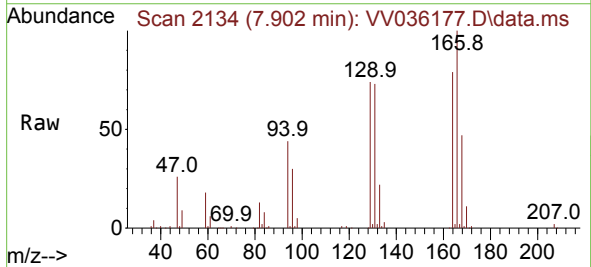
Instrument :
MSVOA_V
ClientSampleId :

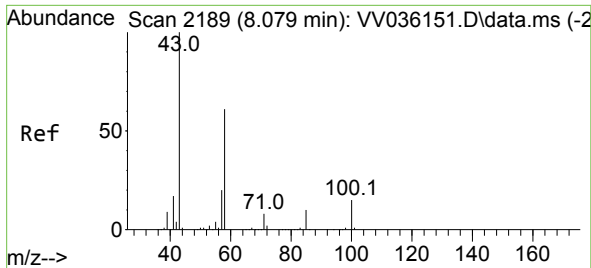
Tgt Ion: 91 Resp: 18581
Ion Ratio Lower Upper
91 100
92 53.8 40.6 75.4



#46
Tetrachloroethene
Concen: 10.719 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036177.D
Acq: 20 Jun 2024 21:41

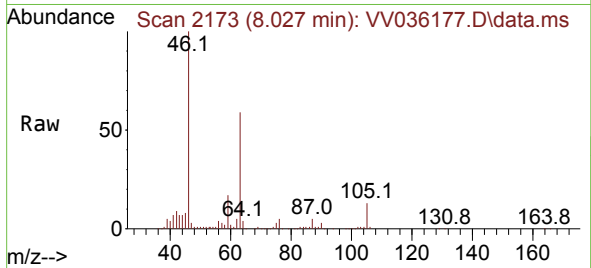
Tgt Ion: 164 Resp: 67359
Ion Ratio Lower Upper
164 100
129 92.9 64.6 120.0
131 91.9 63.2 117.4
166 126.2 89.5 166.3



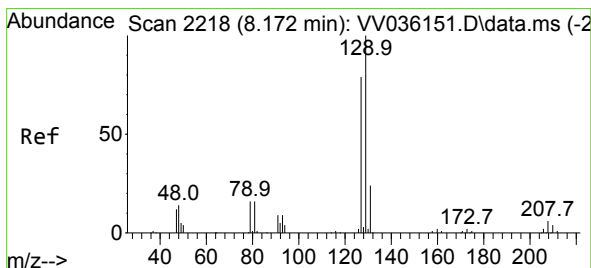
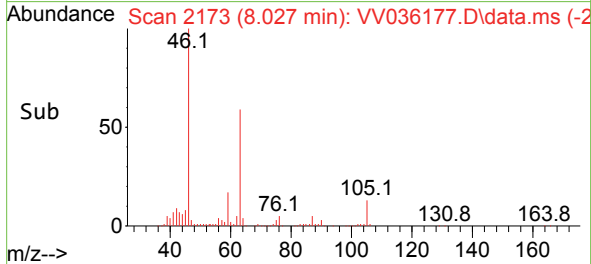
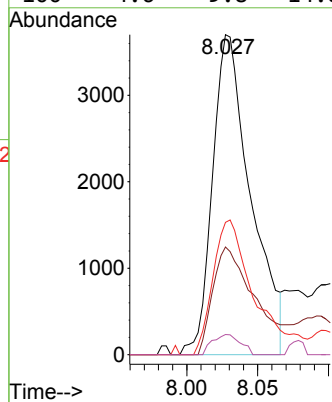


#48
2-Hexanone
Concen: 2.224 ug/L
RT: 8.027 min Scan# 2189
Delta R.T. -0.051 min
Lab File: VV036177.D
Acq: 20 Jun 2024 21:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 6953
Ion Ratio Lower Upper
43 100
58 36.0 45.4 68.0#
57 43.5 15.8 23.8#
100 4.6 9.8 14.8#



#49
Dibromochloromethane
Concen: 9.201 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.270 min
Lab File: VV036177.D
Acq: 20 Jun 2024 21:41

Tgt Ion: 129 Resp: 61337
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#

