

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036178.D
 Acq On : 20 Jun 2024 22:04
 Operator : SY/MD
 Sample : P2960-10
 Misc : 5.29g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:14:01 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)

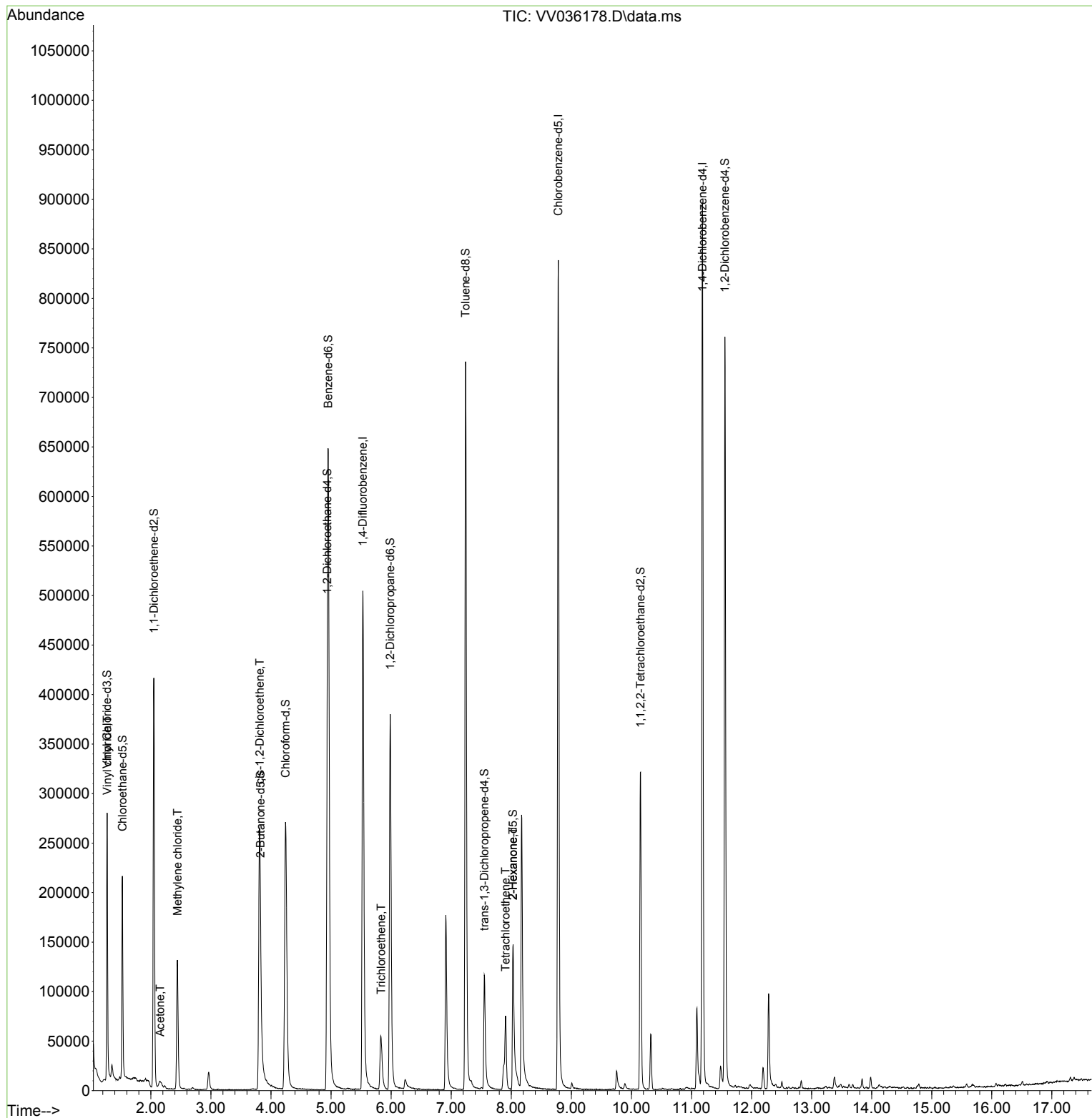
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	446549	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	460950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	232672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	170920	20.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.280%
7) Chloroethane-d5	1.526	69	138920	21.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	2.050	65	70988	19.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.680%
21) 2-Butanone-d5	3.825	46	67335	35.747	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.500%
24) Chloroform-d	4.243	84	297303	20.942	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.760%
26) 1,2-Dichloroethane-d4	4.937	65	173832	23.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.953	84	594773	21.707	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.840%
36) 1,2-Dichloropropane-d6	5.985	67	191982	22.250	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.000%
41) Toluene-d8	7.239	98	508005	21.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.040%
43) trans-1,3-Dichloroprop...	7.551	79	73407	20.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.000%
47) 2-Hexanone-d5	8.030	63	56872	48.648	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.300%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	161394	25.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	11.557	152	193901	22.725	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.920%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.275	62	17777	1.827	ug/L	84
13) Acetone	2.153	43	13995	4.770	ug/L #	65
16) Methylene chloride	2.442	84	58351	5.775	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	140324	18.385	ug/L	99
34) Trichloroethene	5.834	95	14012	1.516	ug/L	95
46) Tetrachloroethene	7.905	164	17669	2.615	ug/L	98
48) 2-Hexanone	8.030	43	6812	2.026	ug/L #	76

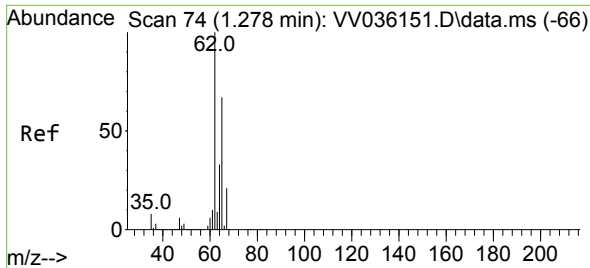
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
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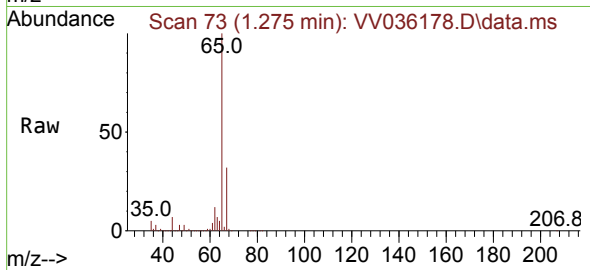
Quant Time: Jun 21 05:14:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration



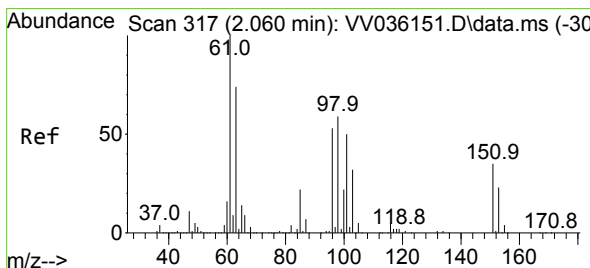
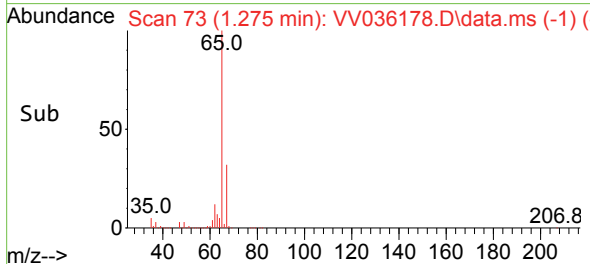
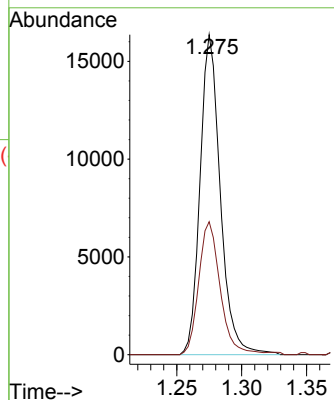


#5
 Vinyl chloride
 Concen: 1.827 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV036178.D
 Acq: 20 Jun 2024 22:04

Instrument :
 MSVOA_V
 ClientSampleId :

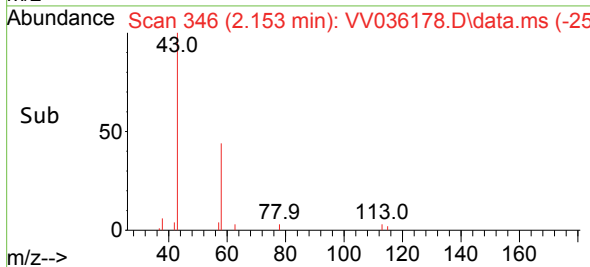
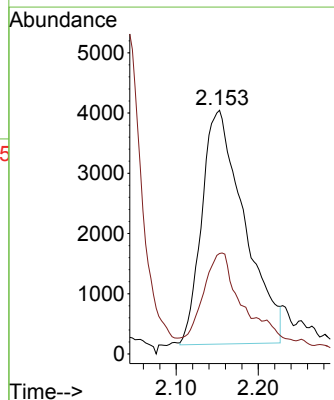
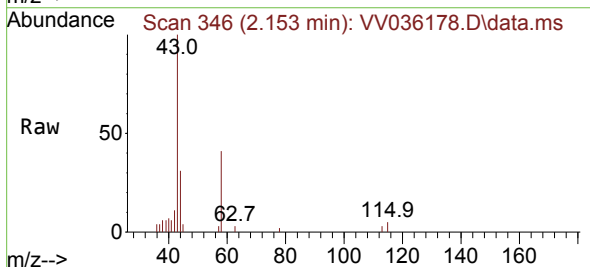


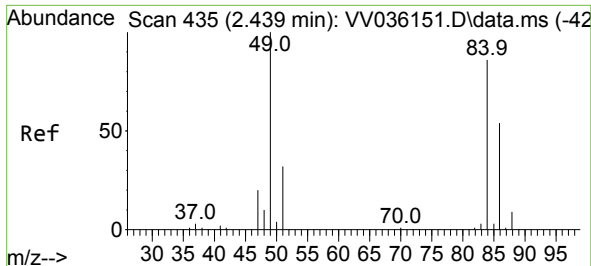
Tgt Ion: 62 Resp: 17777
 Ion Ratio Lower Upper
 62 100
 64 41.5 22.9 42.5



#13
 Acetone
 Concen: 4.770 ug/L
 RT: 2.153 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VV036178.D
 Acq: 20 Jun 2024 22:04

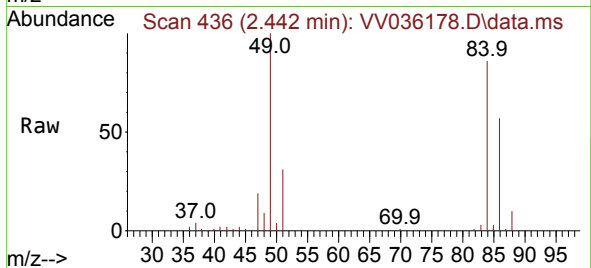
Tgt Ion: 43 Resp: 13995
 Ion Ratio Lower Upper
 43 100
 58 25.7 0.0 24.2#



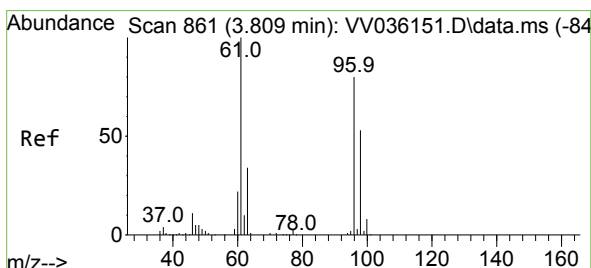
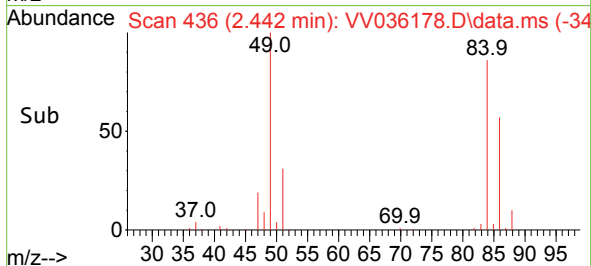
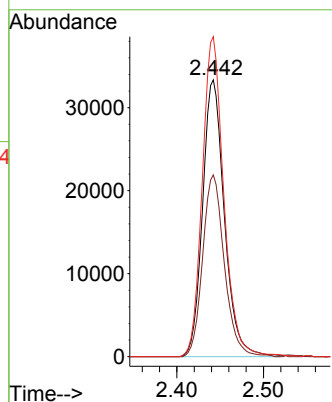


#16
Methylene chloride
Concen: 5.775 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036178.D
Acq: 20 Jun 2024 22:04

Instrument :
MSVOA_V
ClientSampleId :

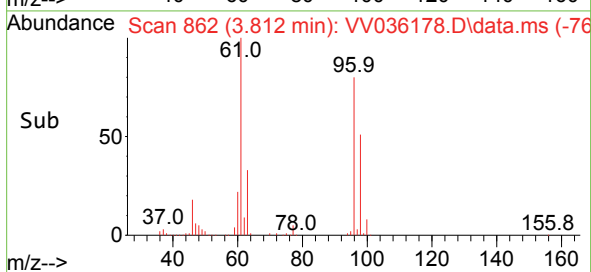
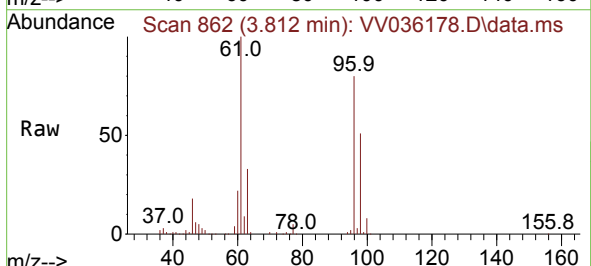
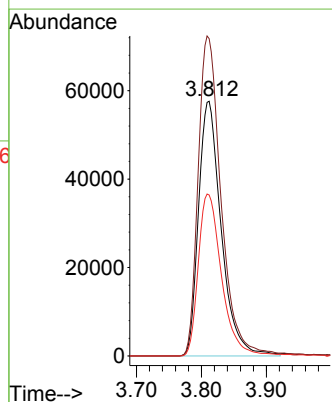


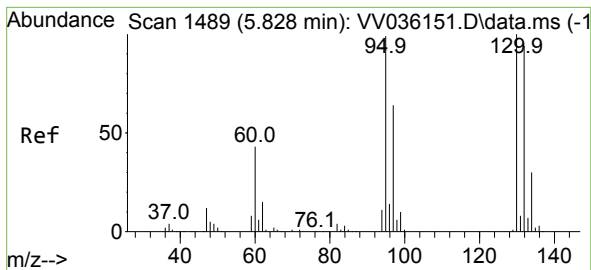
Tgt Ion: 84 Resp: 58351
Ion Ratio Lower Upper
84 100
86 65.7 44.6 82.8
49 115.6 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 18.385 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV036178.D
Acq: 20 Jun 2024 22:04

Tgt Ion: 96 Resp: 140324
Ion Ratio Lower Upper
96 100
61 124.6 87.9 163.3
98 63.2 44.4 82.5





#34

Trichloroethene

Concen: 1.516 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.010 min

Lab File: VV036178.D

Acq: 20 Jun 2024 22:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 14012

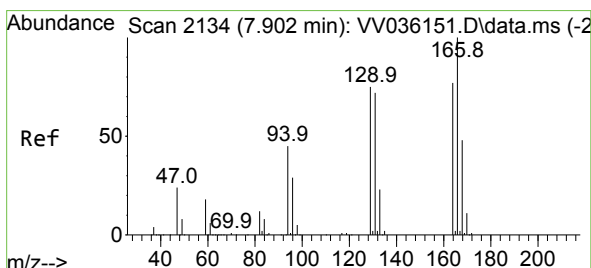
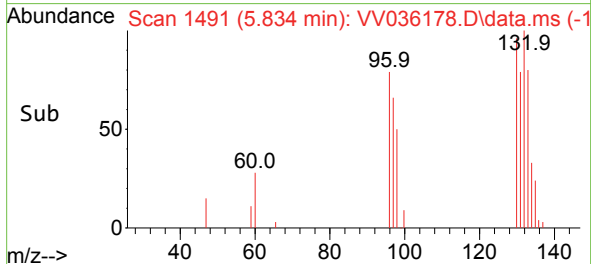
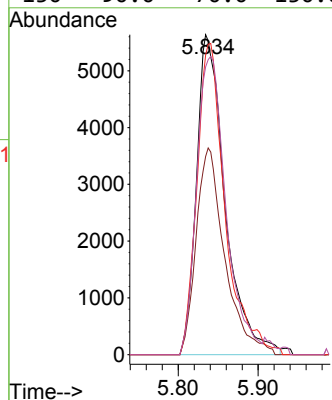
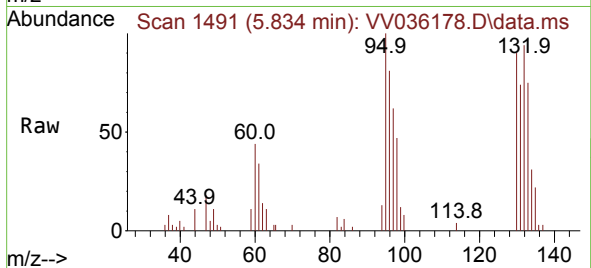
Ion Ratio Lower Upper

95 100

97 61.9 44.8 83.2

132 93.7 66.8 124.2

130 90.0 70.0 130.0



#46

Tetrachloroethene

Concen: 2.615 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV036178.D

Acq: 20 Jun 2024 22:04

Tgt Ion:164 Resp: 17669

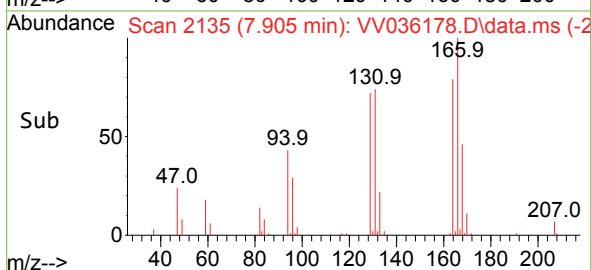
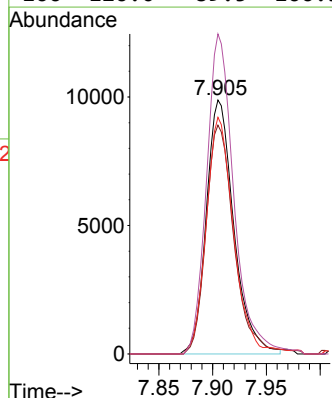
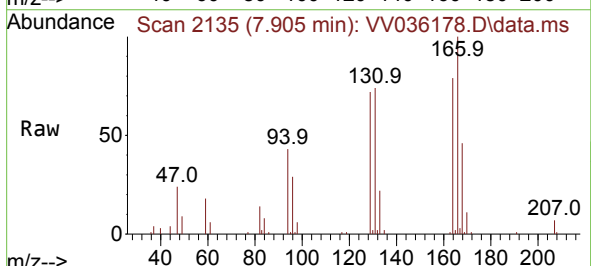
Ion Ratio Lower Upper

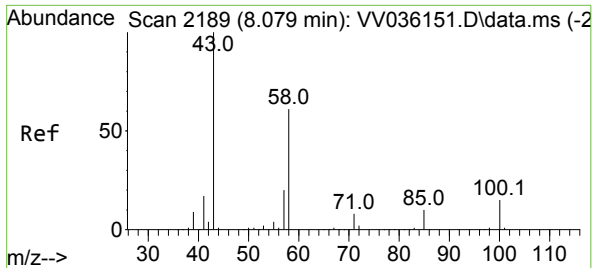
164 100

129 90.1 64.6 120.0

131 93.2 63.2 117.4

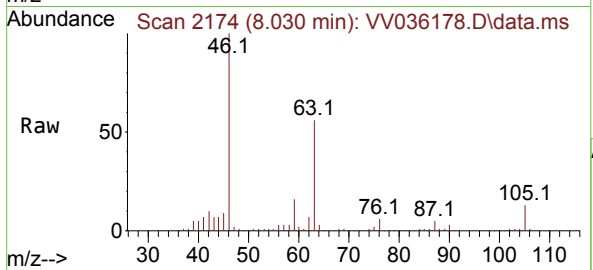
166 126.0 89.5 166.3





#48
 2-Hexanone
 Concen: 2.026 ug/L
 RT: 8.030 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV036178.D
 Acq: 20 Jun 2024 22:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 6812
Ion Ratio	Lower Upper
43 100	
58 47.4	45.4 68.0
57 46.7	15.8 23.8#
100 3.8	9.8 14.8#

