

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036055.D
 Acq On : 13 Jun 2024 12:14
 Operator : SY/MD
 Sample : P2850-12
 Misc : 6.03g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:17:26 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)

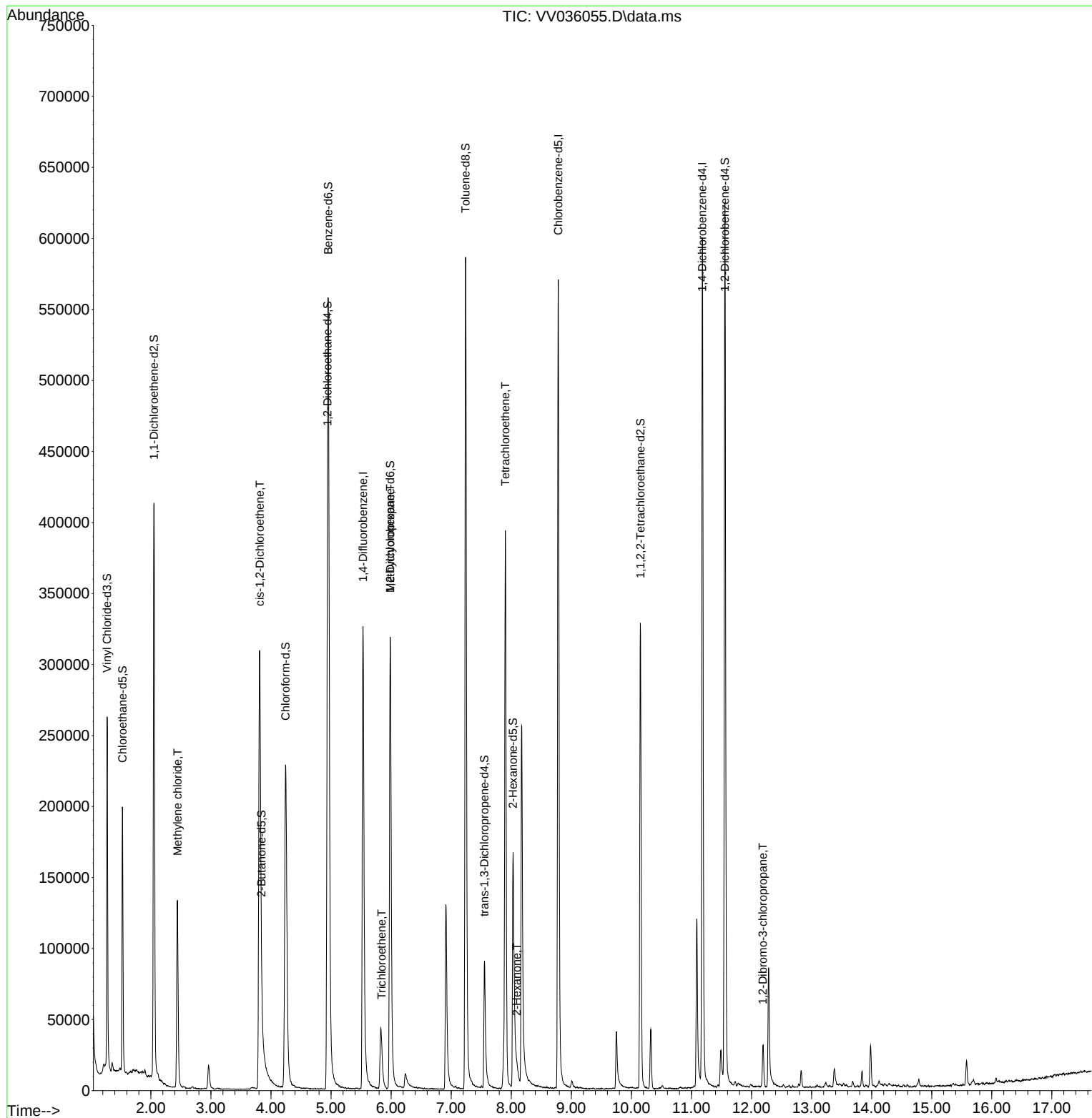
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	289385	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	160130	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	163199	30.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.680%
7) Chloroethane-d5	1.526	69	125776	29.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.600%
11) 1,1-Dichloroethene-d2	2.050	65	70330	29.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	118.760%#
21) 2-Butanone-d5	3.841	46	80725	66.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.260%
24) Chloroform-d	4.243	84	254137	27.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.480%
26) 1,2-Dichloroethane-d4	4.941	65	155318	32.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.800%
32) Benzene-d6	4.953	84	495507	25.735	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	5.985	67	164063	27.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.240%
41) Toluene-d8	7.239	98	405987	23.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.555	79	58487	23.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	8.030	63	67414	82.063	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.120%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	166289	36.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.800%#
66) 1,2-Dichlorobenzene-d4	11.558	152	163586	27.858	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.440%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	57091	8.719	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	171795	34.732	ug/L	99
34) Trichloroethene	5.844	95	8978	1.383	ug/L	93
35) Methylcyclohexane	5.985	83	38326	4.268	ug/L #	20
46) Tetrachloroethene	7.902	164	88762	18.692	ug/L	99
48) 2-Hexanone	8.091	43	2314	0.979	ug/L #	45
68) 1,2-Dibromo-3-chloropr...	12.188	75	1021	1.206	ug/L #	16

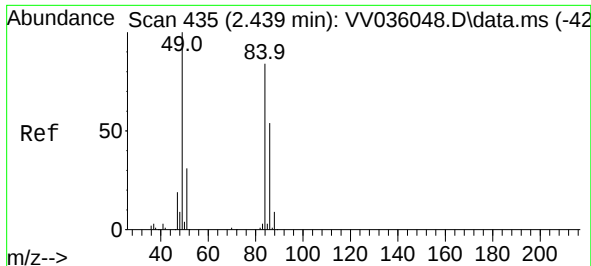
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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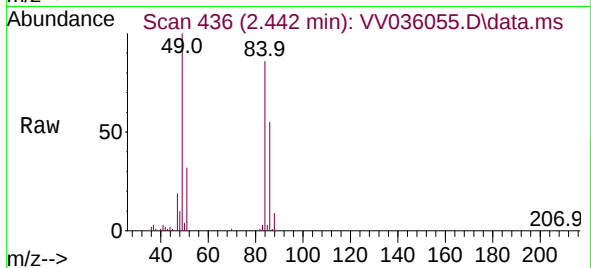
Quant Time: Jun 14 01:17:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration



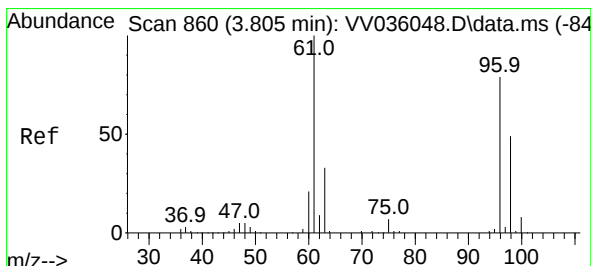
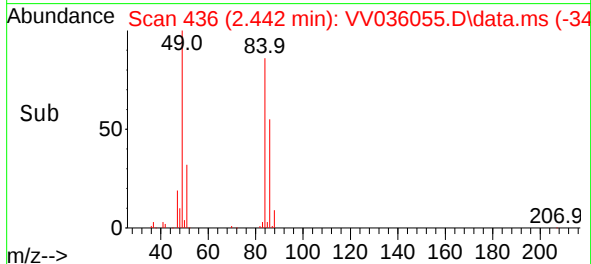
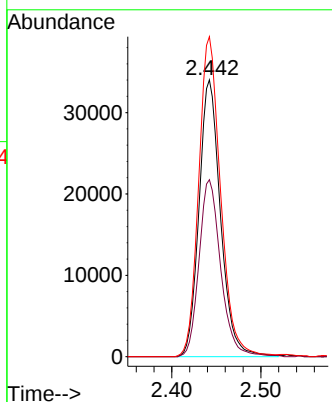


#16
Methylene chloride
Concen: 8.719 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036055.D
Acq: 13 Jun 2024 12:14

Instrument :
MSVOA_V
ClientSampleId :

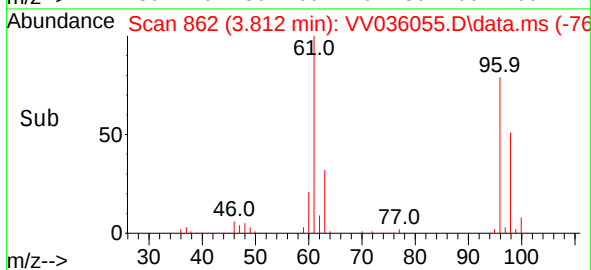
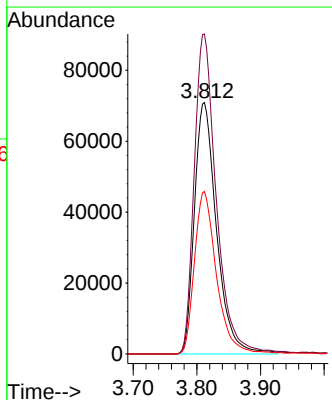
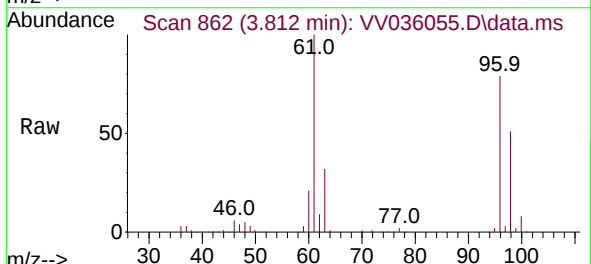


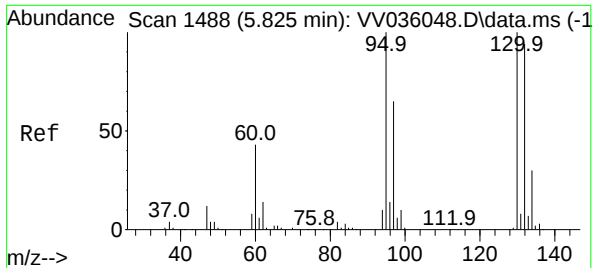
Tgt Ion: 84 Resp: 57091
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 115.6 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 34.732 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV036055.D
Acq: 13 Jun 2024 12:14

Tgt Ion: 96 Resp: 171795
Ion Ratio Lower Upper
96 100
61 127.2 87.9 163.3
98 64.6 44.4 82.5





#34

Trichloroethene

Concen: 1.383 ug/L

RT: 5.844 min Scan# 14

Delta R.T. 0.019 min

Lab File: VV036055.D

Acq: 13 Jun 2024 12:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 8978

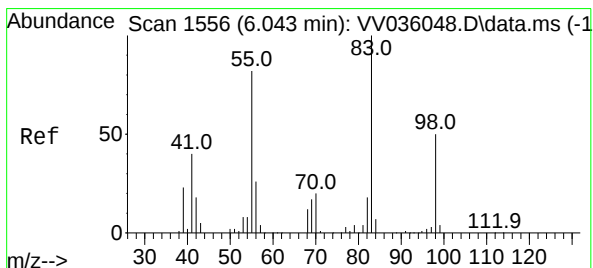
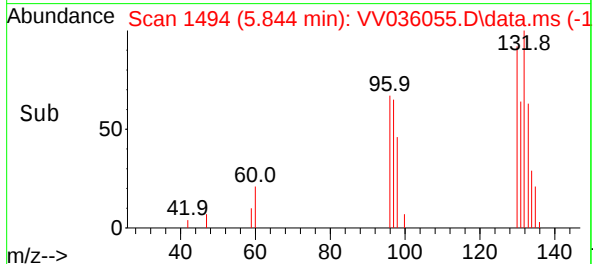
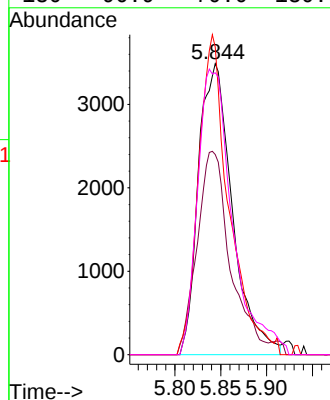
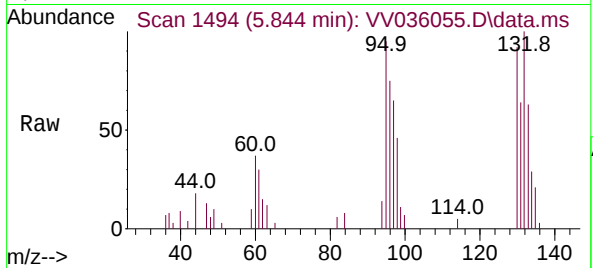
Ion Ratio Lower Upper

95 100

97 68.8 44.8 83.2

132 105.7 66.8 124.2

130 96.9 70.0 130.0



#35

Methylcyclohexane

Concen: 4.268 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV036055.D

Acq: 13 Jun 2024 12:14

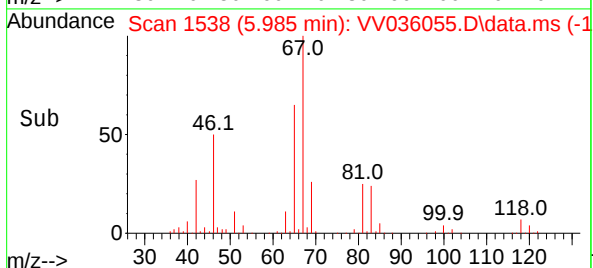
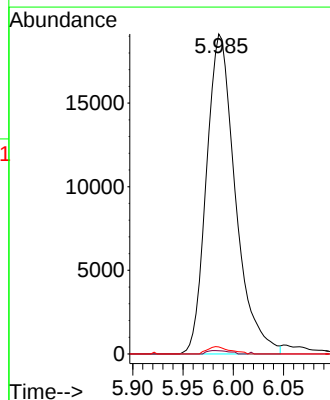
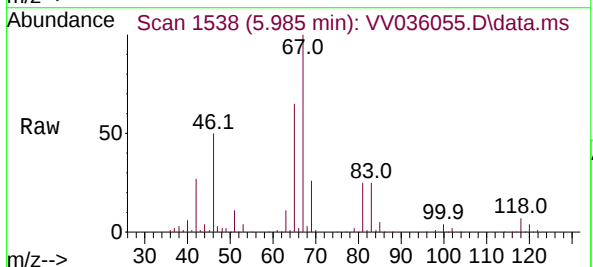
Tgt Ion: 83 Resp: 38326

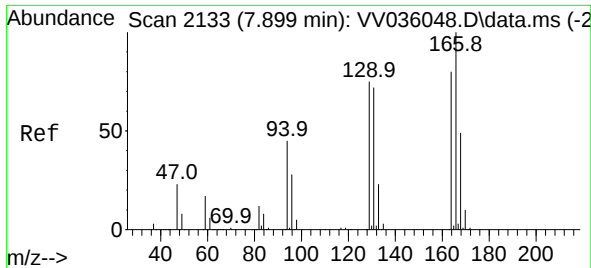
Ion Ratio Lower Upper

83 100

55 0.7 60.7 91.1#

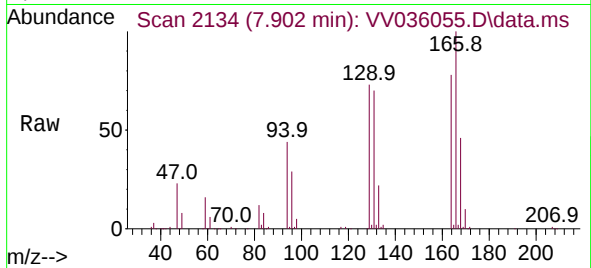
98 1.8 38.7 58.1#



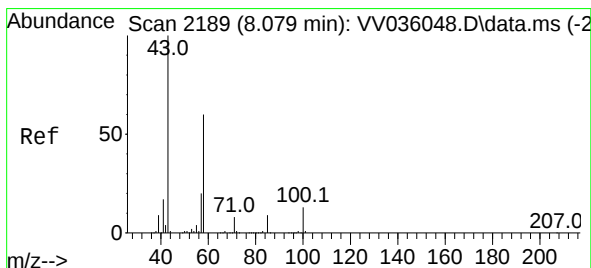
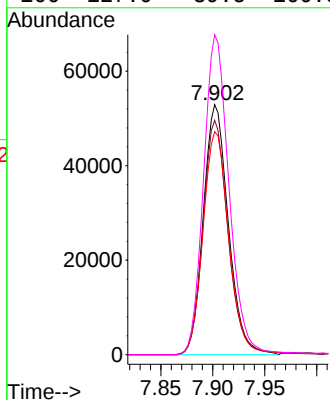
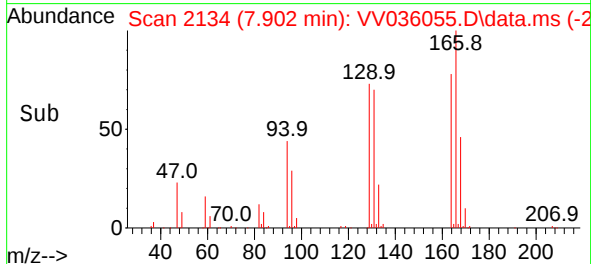


#46
Tetrachloroethene
Concen: 18.692 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036055.D
Acq: 13 Jun 2024 12:14

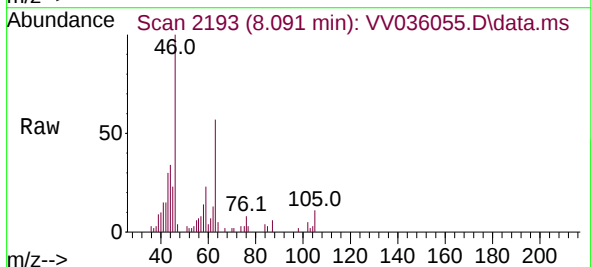
Instrument :
MSVOA_V
ClientSampleId :



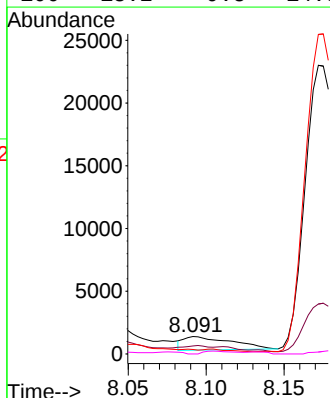
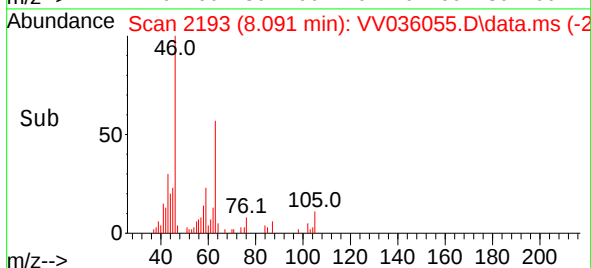
Tgt Ion:164 Resp: 88762
Ion Ratio Lower Upper
164 100
129 93.7 64.6 120.0
131 89.2 63.2 117.4
166 127.9 89.5 166.3

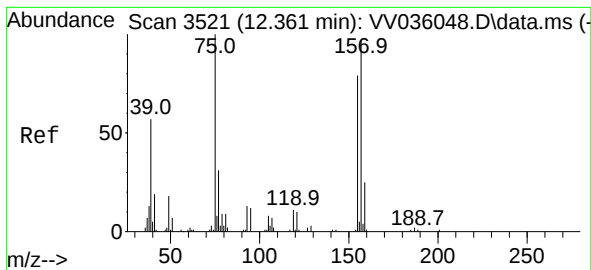


#48
2-Hexanone
Concen: 0.979 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.013 min
Lab File: VV036055.D
Acq: 13 Jun 2024 12:14



Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
58 0.0 45.4 68.0#
57 9.0 15.8 23.8#
100 13.2 9.8 14.8





#68

1,2-Dibromo-3-chloropropane

Concen: 1.206 ug/L

RT: 12.188 min Scan# 34

Delta R.T. -0.174 min

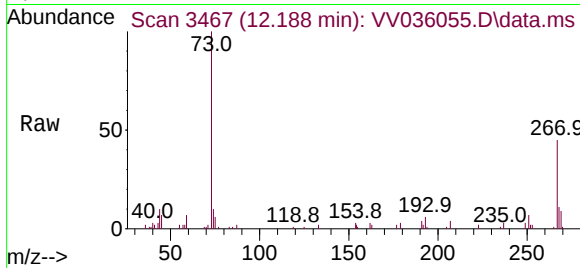
Lab File: VV036055.D

Acq: 13 Jun 2024 12:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 1021

Ion Ratio Lower Upper

75 100

155 26.2 63.3 94.9#

157 0.0 82.4 123.6#

