

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060623\
 Data File : VV031382.D
 Acq On : 06 Jun 2023 17:51
 Operator : SY/MD
 Sample : 02990-08 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C35

Quant Time: Jun 07 02:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 07 01:59:39 2023
 Response via : Initial Calibration

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

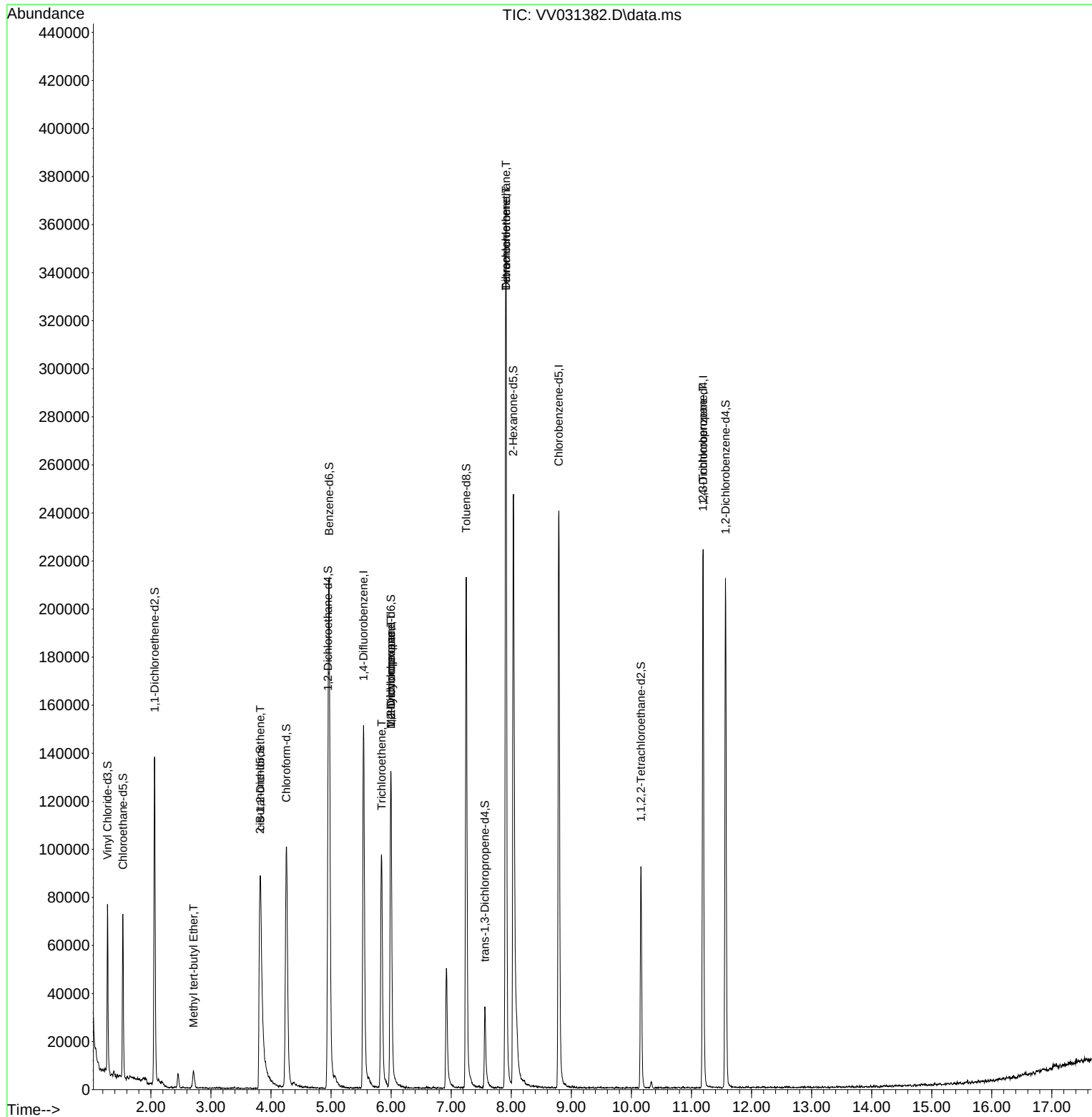
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129868	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	132640	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45279	3.428	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.600%	
7) Chloroethane-d5	1.536	69	44172	3.959	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.200%	
11) 1,1-Dichloroethene-d2	2.063	65	24406	3.805	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	3.818	46	127167	41.590	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.180%	
24) Chloroform-d	4.256	84	108438	4.882	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	4.950	65	58455	4.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	4.966	84	181868	4.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	5.995	67	66962	4.917	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.249	98	147183	3.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	7.561	79	21157	4.267	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.034	63	85119	42.732	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.460%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	44582	4.306	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	11.567	152	54694	4.975	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
17) Methyl tert-butyl Ether	2.712	73	5811	0.210	ug/L	96
22) cis-1,2-Dichloroethene	3.822	96	17087	1.465	ug/L	96
34) Trichloroethene	5.841	95	36243	2.843	ug/L	94
35) Methylcyclohexane	5.998	83	15086	0.795	ug/L #	13
37) 1,2-Dichloropropane	5.998	63	7766	0.559	ug/L #	86
47) Tetrachloroethene	7.912	164	81504	8.204	ug/L	98
49) Dibromochloromethane	7.912	129	76363	7.251	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	6904	0.969	ug/L #	69

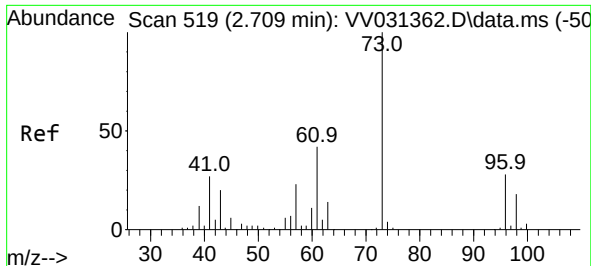
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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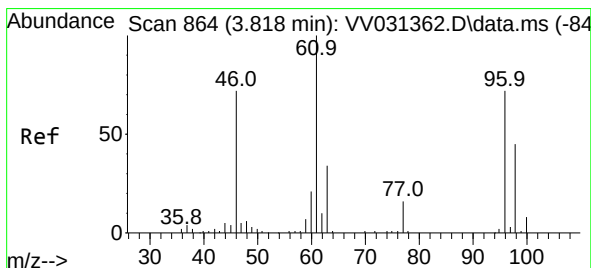
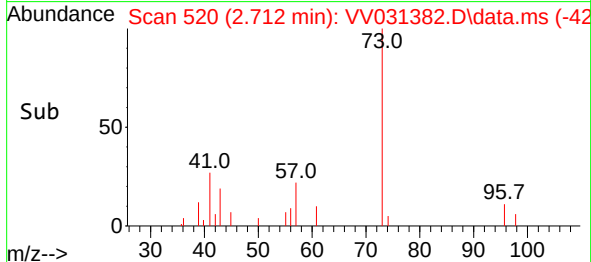
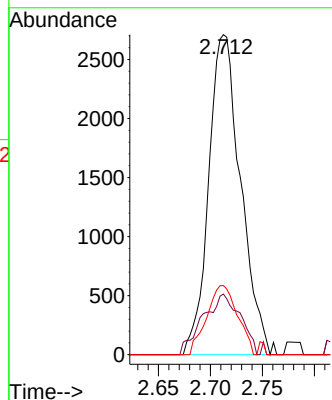
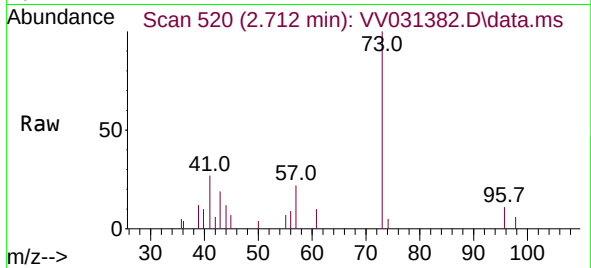




#17
Methyl tert-butyl Ether
Concen: 0.210 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV031382.D
Acq: 06 Jun 2023 17:51

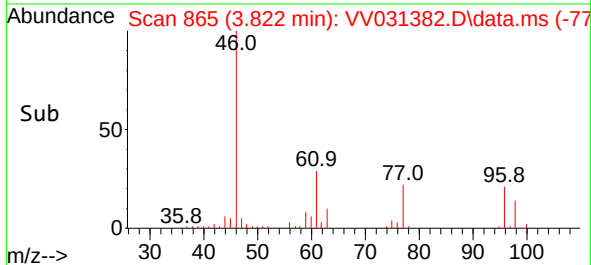
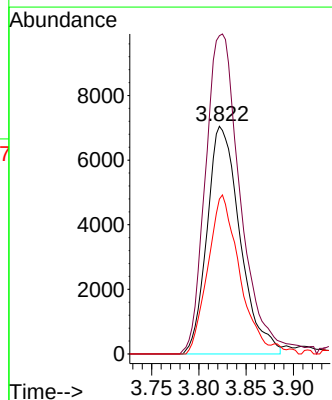
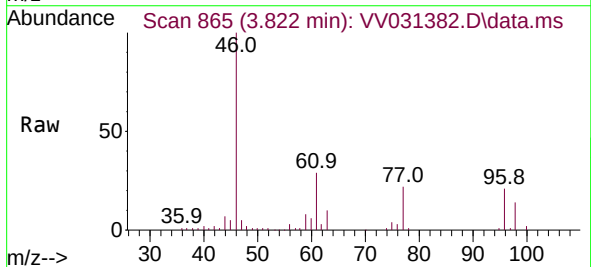
Instrument :
MSVOA_V
ClientSampleId :
F6C35

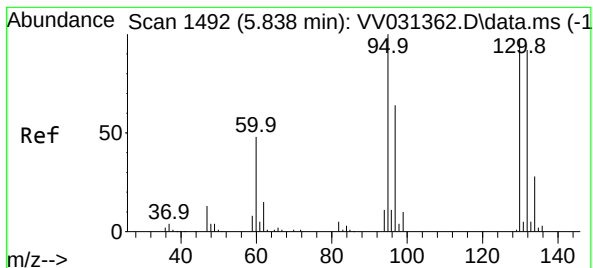
Tgt Ion: 73	Resp: 5811
Ion Ratio	Lower Upper
73 100	
43 22.2	17.8 26.8
57 20.8	19.8 29.8



#22
cis-1,2-Dichloroethene
Concen: 1.465 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031382.D
Acq: 06 Jun 2023 17:51

Tgt Ion: 96	Resp: 17087
Ion Ratio	Lower Upper
96 100	
61 139.7	100.8 187.2
98 68.0	45.1 83.9





#34

Trichloroethene

Concen: 2.843 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV031382.D

Acq: 06 Jun 2023 17:51

Instrument :

MSVOA_V

ClientSampleId :

F6C35

Tgt Ion: 95 Resp: 36243

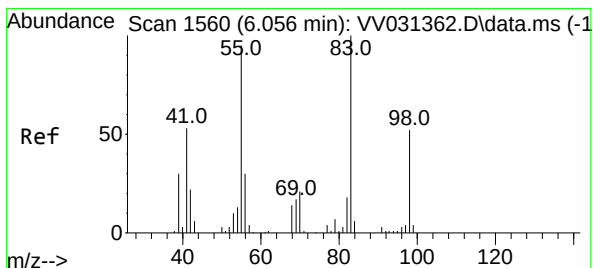
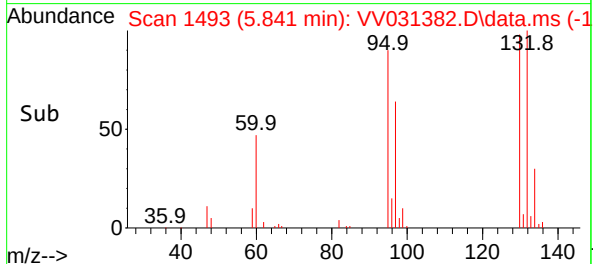
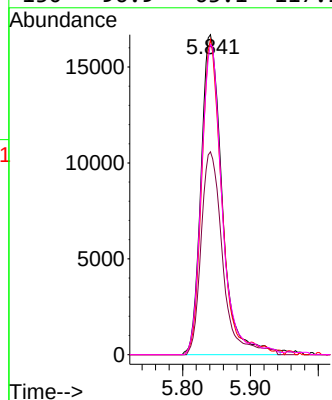
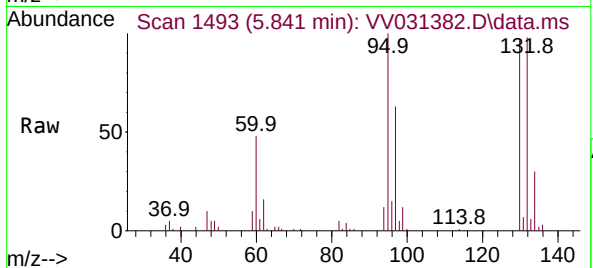
Ion Ratio Lower Upper

95 100

97 63.4 46.1 85.5

132 98.5 64.5 119.9

130 96.9 63.1 117.1



#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV031382.D

Acq: 06 Jun 2023 17:51

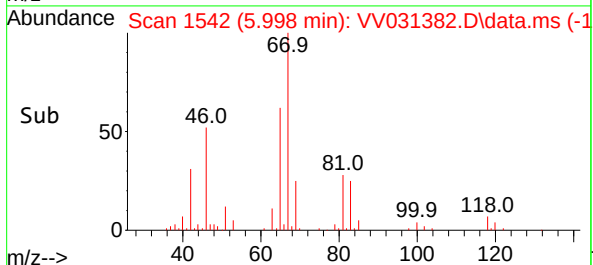
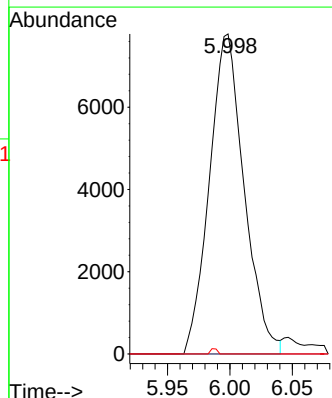
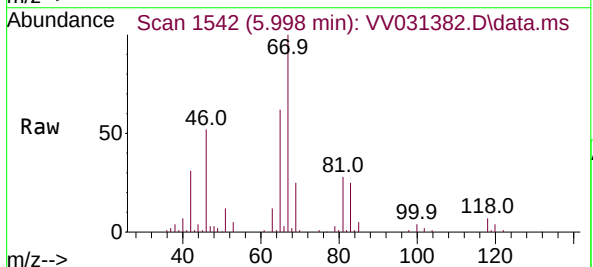
Tgt Ion: 83 Resp: 15086

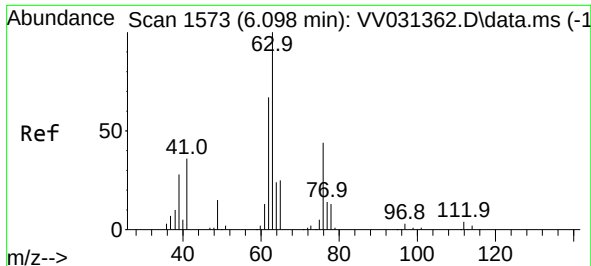
Ion Ratio Lower Upper

83 100

55 0.0 74.6 112.0#

98 2.1 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV031382.D

Acq: 06 Jun 2023 17:51

Instrument :

MSVOA_V

ClientSampleId :

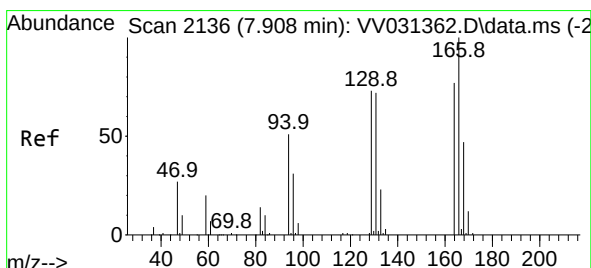
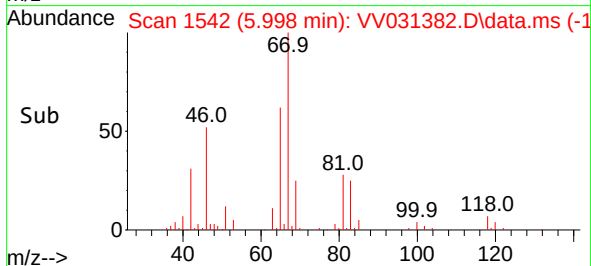
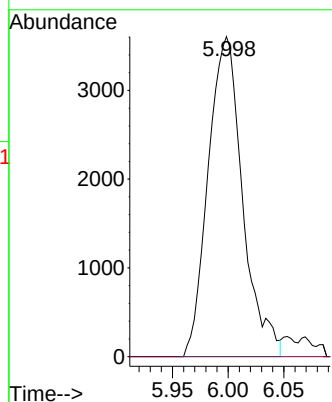
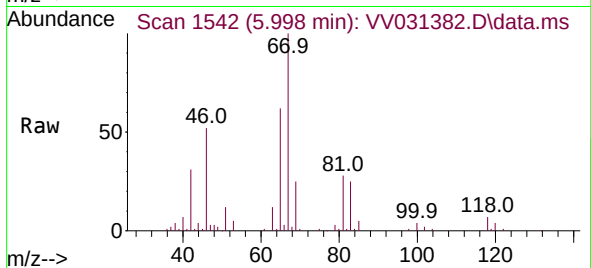
F6C35

Tgt Ion: 63 Resp: 7766

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#47

Tetrachloroethene

Concen: 8.204 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031382.D

Acq: 06 Jun 2023 17:51

Tgt Ion:164 Resp: 81504

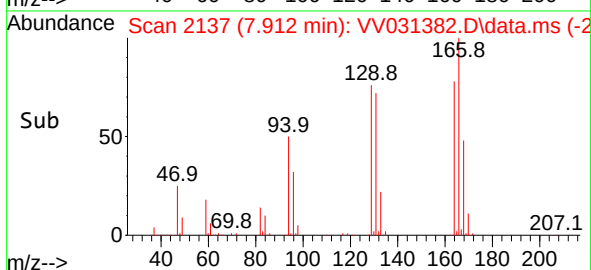
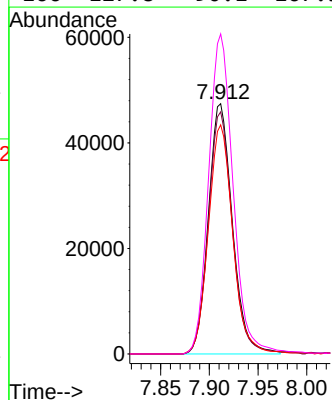
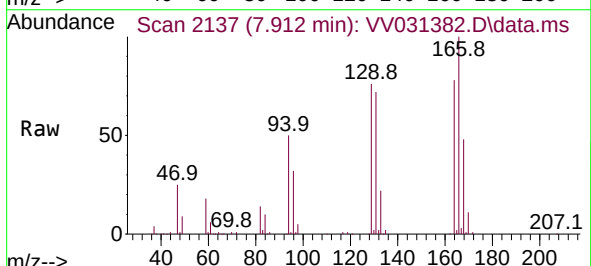
Ion Ratio Lower Upper

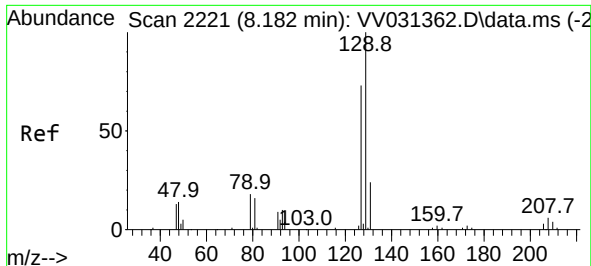
164 100

129 96.7 66.0 122.6

131 91.5 65.3 121.3

166 127.8 90.1 167.3





#49

Dibromochloromethane

Concen: 7.251 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031382.D

Acq: 06 Jun 2023 17:51

Instrument :

MSVOA_V

ClientSampleId :

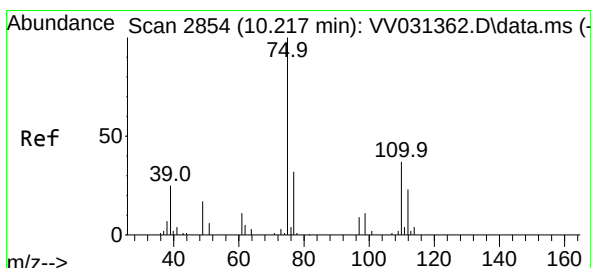
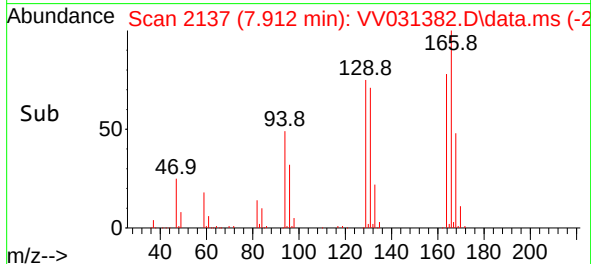
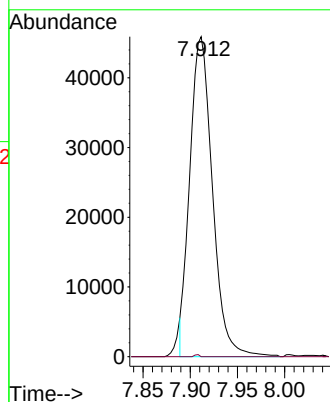
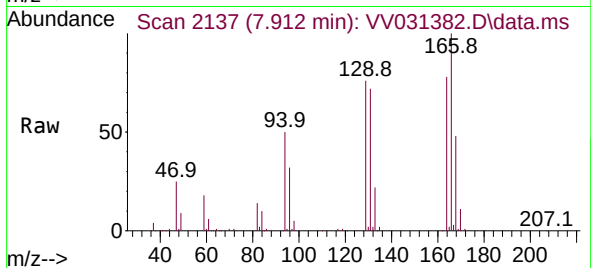
F6C35

Tgt Ion:129 Resp: 76363

Ion Ratio Lower Upper

129 100

127 0.5 55.0 102.2#



#61

1,2,3-Trichloropropane

Concen: 0.969 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031382.D

Acq: 06 Jun 2023 17:51

Tgt Ion: 75 Resp: 6904

Ion Ratio Lower Upper

75 100

77 36.3 27.3 40.9

110 3.5 29.4 44.0#

