

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031353.D
 Acq On : 05 Jun 2023 17:39
 Operator : SY/MD
 Sample : 02990-14DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C44DL

Quant Time: Jun 06 02:10:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

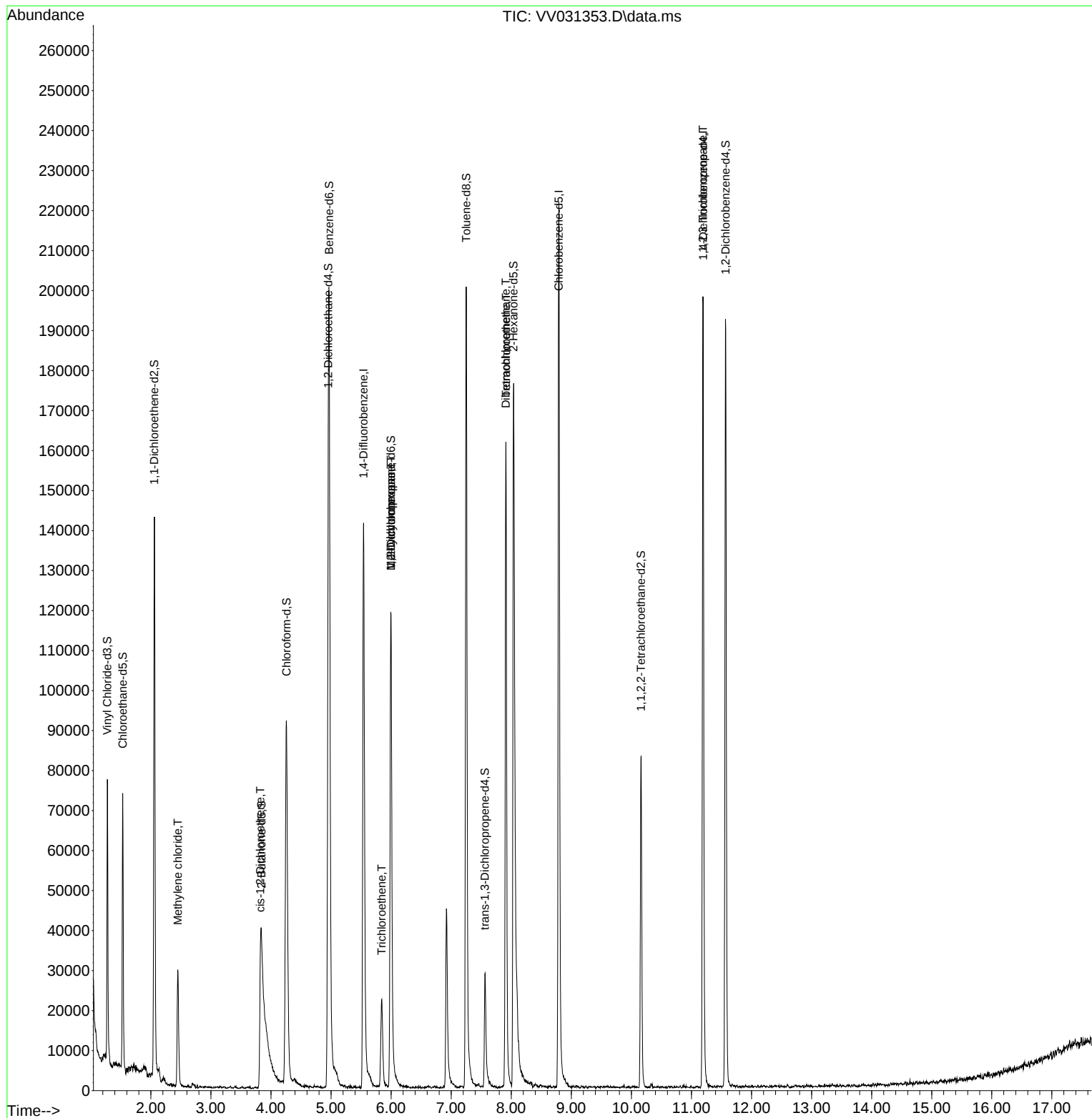
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117111	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	119808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	52094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	45617	3.829	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.600%	
7) Chloroethane-d5	1.532	69	43287	4.302	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.056	65	25200	4.357	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	3.841	46	49210	17.847	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	35.700%#	
24) Chloroform-d	4.256	84	99673	4.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	4.953	65	52361	4.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	4.966	84	173389	4.761	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	5.995	67	61341	4.986	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.249	98	139611	4.082	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	7.561	79	18407	4.110	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.037	63	67813	37.690	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.380%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40688	4.351	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	49573	5.046	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	11301	0.850	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	10575	1.006	ug/L	94
34) Trichloroethene	5.844	95	7797	0.677	ug/L	97
35) Methylcyclohexane	5.998	83	14766	0.861	ug/L #	13
37) 1,2-Dichloropropane	5.998	63	7040	0.561	ug/L #	87
47) Tetrachloroethene	7.912	164	35473	3.953	ug/L	100
49) Dibromochloromethane	7.908	129	32755	3.444	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6707	1.054	ug/L #	67

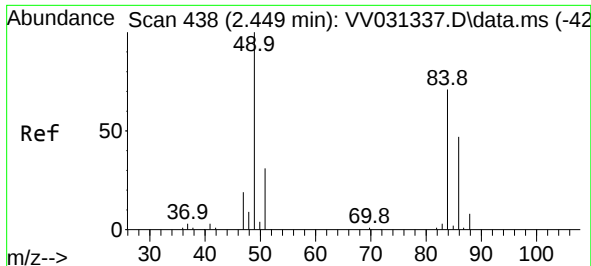
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 02:10:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 06 02:05:53 2023
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.850 ug/L

RT: 2.449 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV031353.D

Acq: 05 Jun 2023 17:39

Instrument :

MSVOA_V

ClientSampleId :

F6C44DL

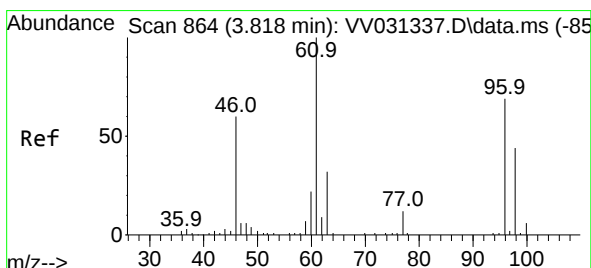
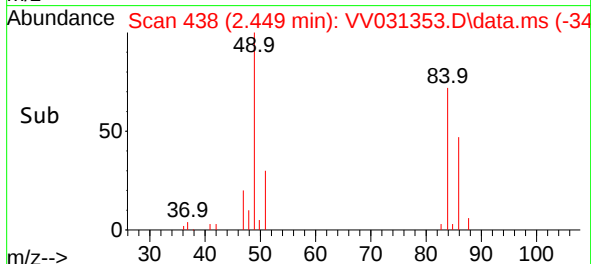
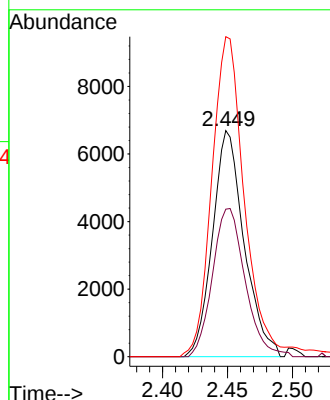
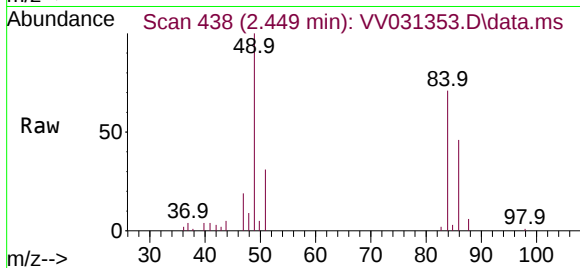
Tgt Ion: 84 Resp: 11301

Ion Ratio Lower Upper

84 100

86 65.2 46.7 86.7

49 148.1 101.6 188.8



#22

cis-1,2-Dichloroethene

Concen: 1.006 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV031353.D

Acq: 05 Jun 2023 17:39

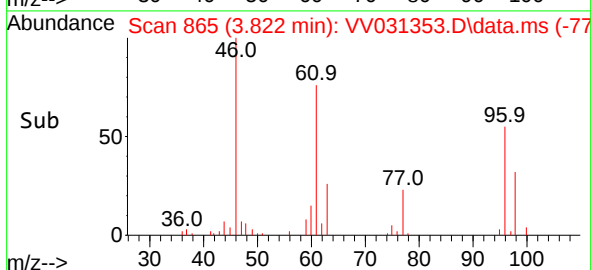
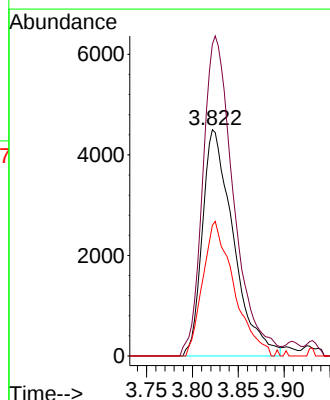
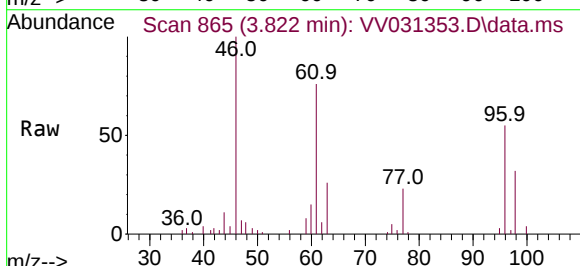
Tgt Ion: 96 Resp: 10575

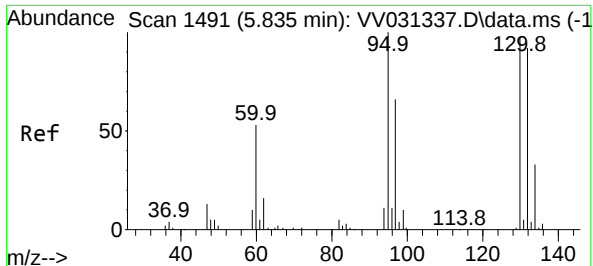
Ion Ratio Lower Upper

96 100

61 137.8 100.8 187.2

98 57.7 45.1 83.9



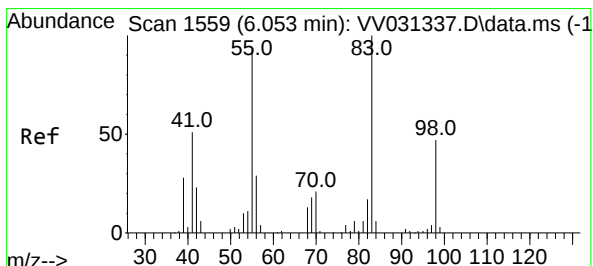
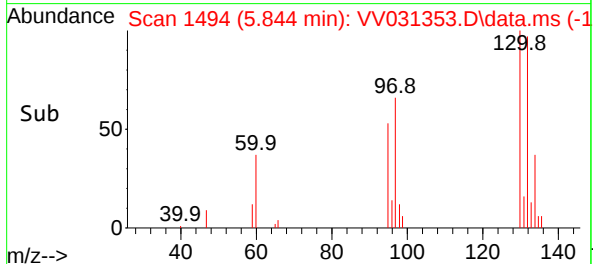
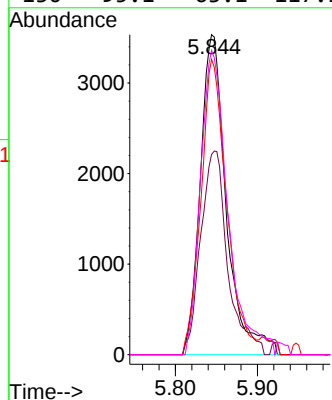
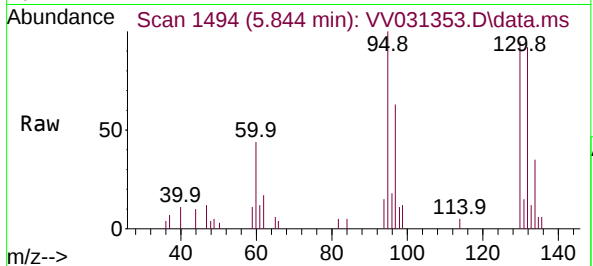


#34
Trichloroethene
Concen: 0.677 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV031353.D
Acq: 05 Jun 2023 17:39

Instrument :
MSVOA_V
ClientSampleId :
F6C44DL

Tgt Ion: 95 Resp: 7797

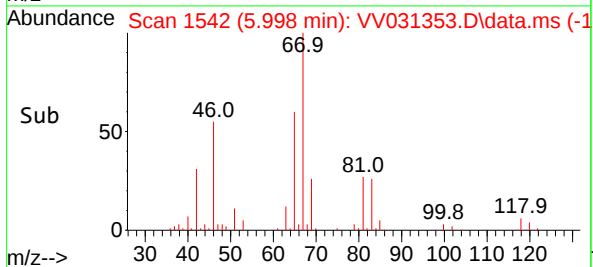
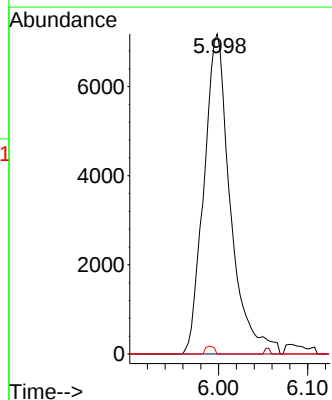
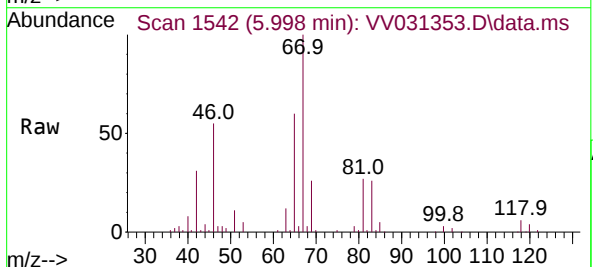
Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.1	85.5
132	92.3	64.5	119.9
130	95.1	63.1	117.1

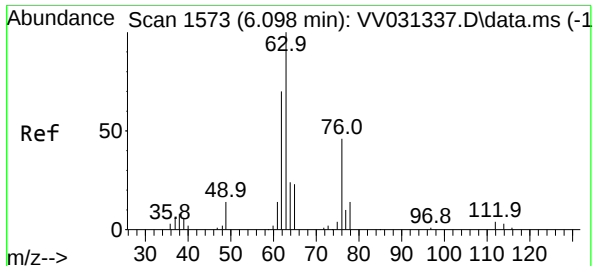


#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.055 min
Lab File: VV031353.D
Acq: 05 Jun 2023 17:39

Tgt Ion: 83 Resp: 14766

Ion	Ratio	Lower	Upper
83	100		
55	0.3	74.6	112.0#
98	0.8	36.5	54.7#





#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV031353.D

Acq: 05 Jun 2023 17:39

Instrument :

MSVOA_V

ClientSampleId :

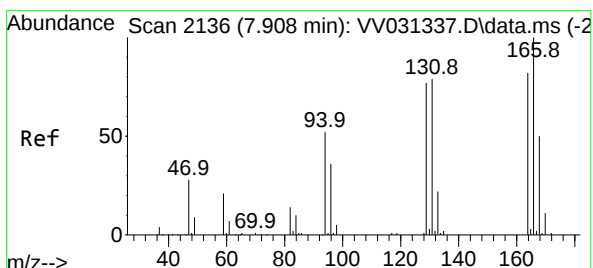
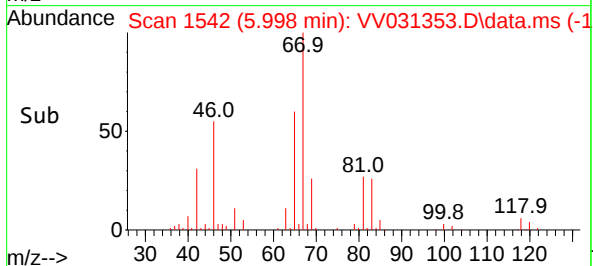
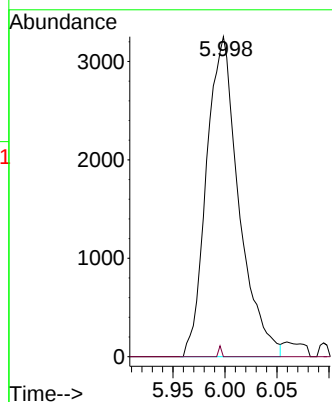
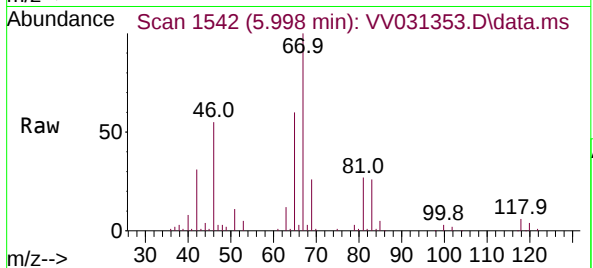
F6C44DL

Tgt Ion: 63 Resp: 7040

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.6#



#47

Tetrachloroethene

Concen: 3.953 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031353.D

Acq: 05 Jun 2023 17:39

Tgt Ion:164 Resp: 35473

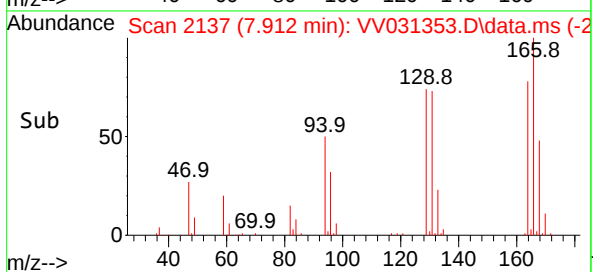
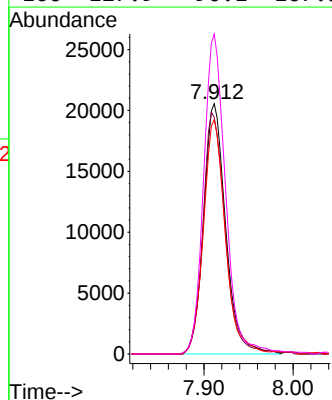
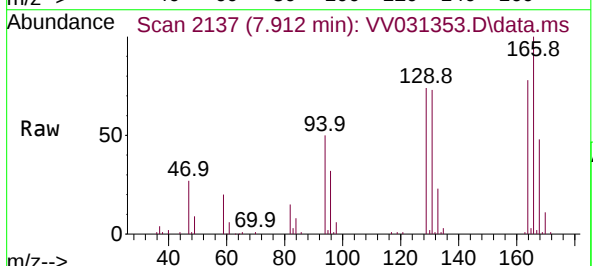
Ion Ratio Lower Upper

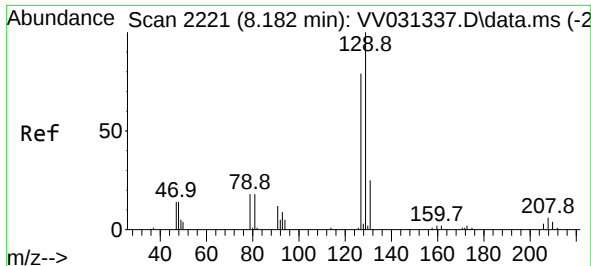
164 100

129 94.5 66.0 122.6

131 93.6 65.3 121.3

166 127.9 90.1 167.3





#49

Dibromochloromethane

Concen: 3.444 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.273 min

Lab File: VV031353.D

Acq: 05 Jun 2023 17:39

Instrument :

MSVOA_V

ClientSampleId :

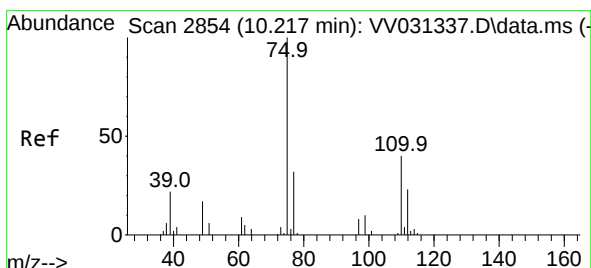
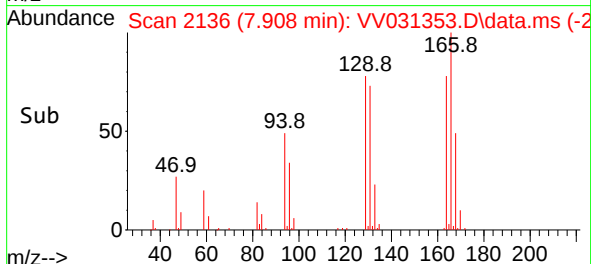
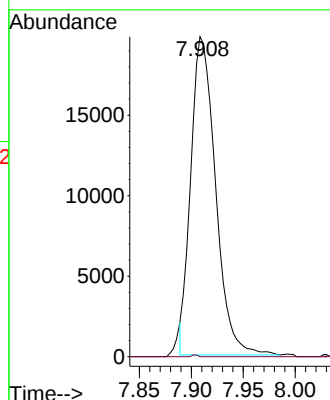
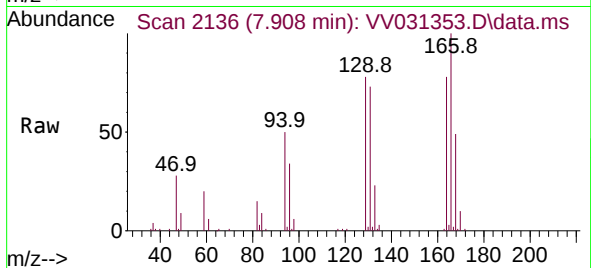
F6C44DL

Tgt Ion:129 Resp: 32755

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



#61

1,2,3-Trichloropropane

Concen: 1.054 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031353.D

Acq: 05 Jun 2023 17:39

Tgt Ion: 75 Resp: 6707

Ion Ratio Lower Upper

75 100

77 30.7 27.3 40.9

110 1.7 29.4 44.0#

