

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031369.D
 Acq On : 06 Jun 2023 12:48
 Operator : SY/MD
 Sample : 03000-02DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C25DL

Quant Time: Jun 07 02:01:43 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)

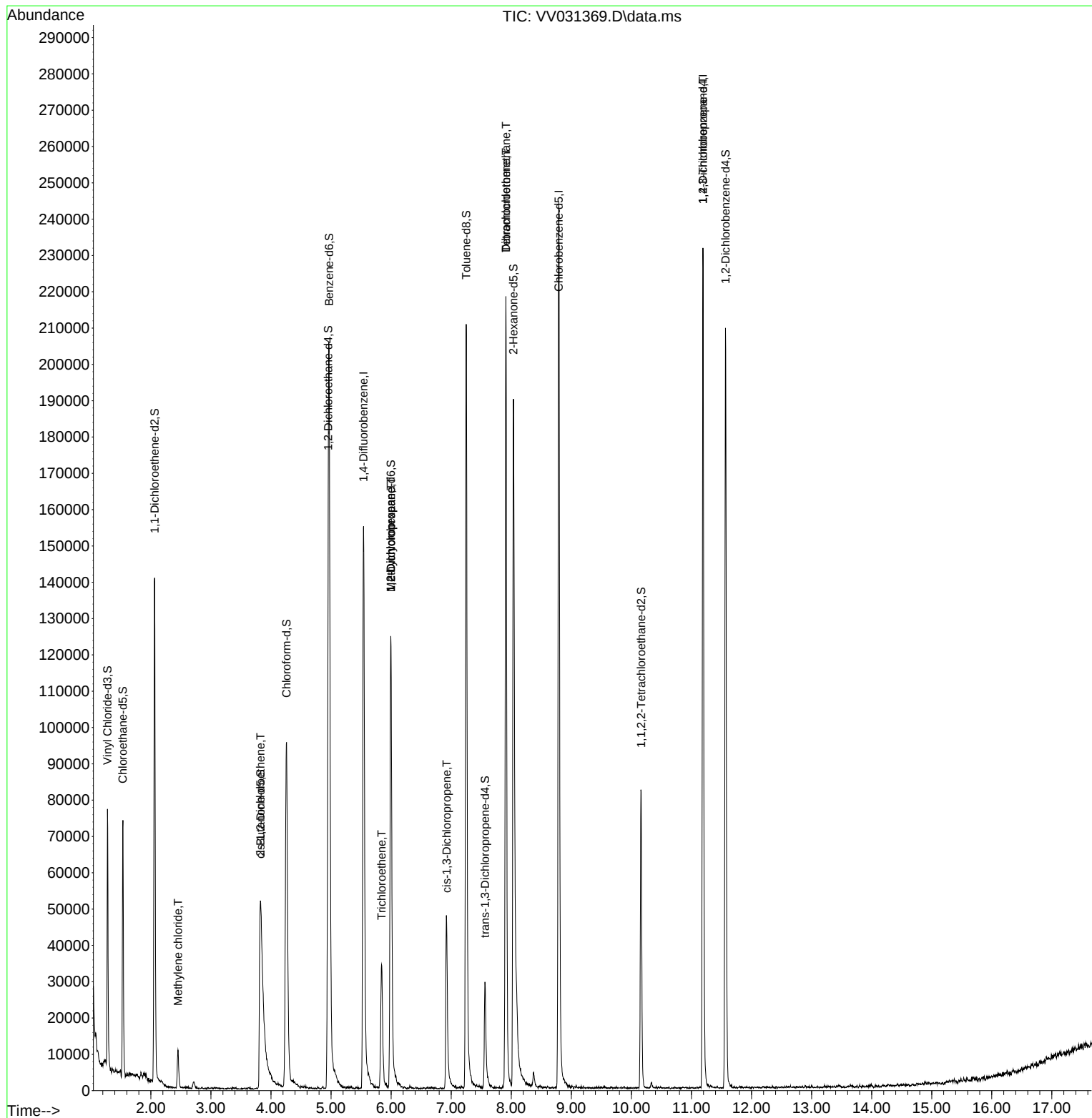
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129535	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	135089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	59478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45897	3.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.532	69	43382	3.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.063	65	25357	3.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	3.825	46	116442	38.180	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.360%
24) Chloroform-d	4.259	84	102781	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.953	65	54028	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	4.966	84	178208	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.995	67	62386	4.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.249	98	145307	3.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.564	79	19510	3.863	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.037	63	69384	34.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39736	3.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	52744	4.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	3838	0.261	ug/L	94
22) cis-1,2-Dichloroethene	3.828	96	4143	0.356	ug/L	90
34) Trichloroethene	5.841	95	11649	0.897	ug/L	93
35) Methylcyclohexane	5.995	83	14827	0.767	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	7102	0.502	ug/L #	86
39) cis-1,3-Dichloropropene	6.928	75	1263	0.068	ug/L #	68
47) Tetrachloroethene	7.911	164	48250	4.769	ug/L	99
49) Dibromochloromethane	7.911	129	43657	4.070	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6531	0.899	ug/L #	63

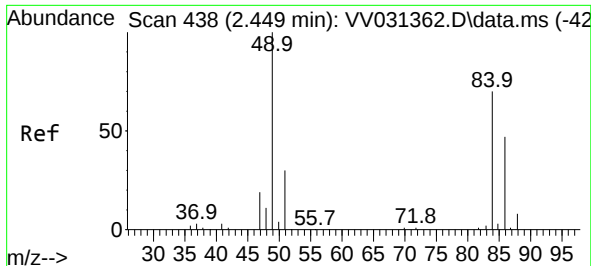
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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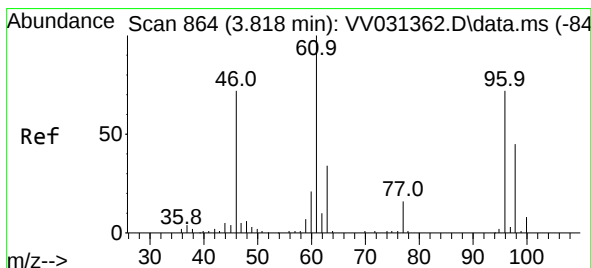
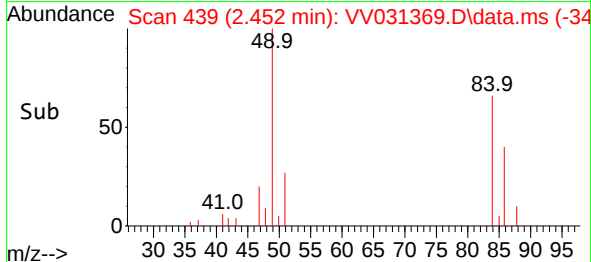
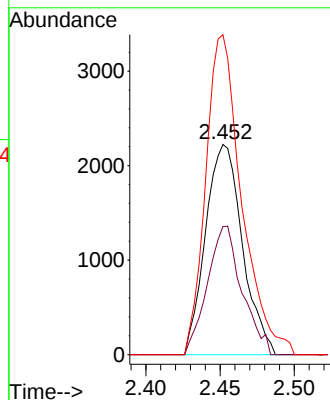
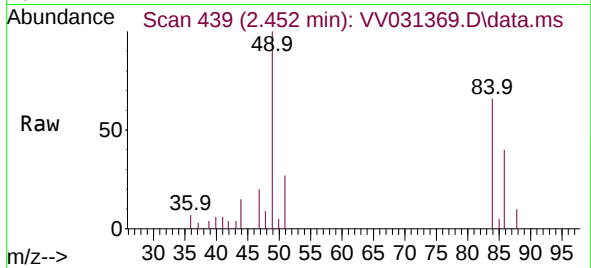




#16
Methylene chloride
Concen: 0.261 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031369.D
Acq: 06 Jun 2023 12:48

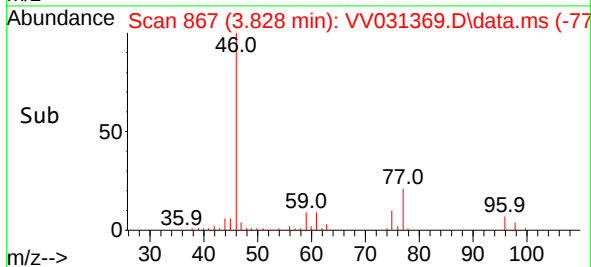
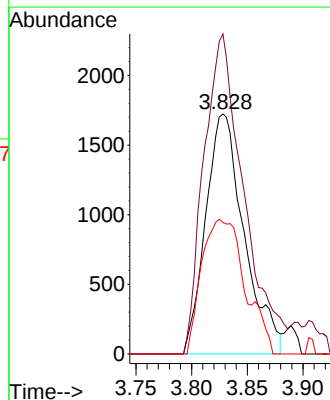
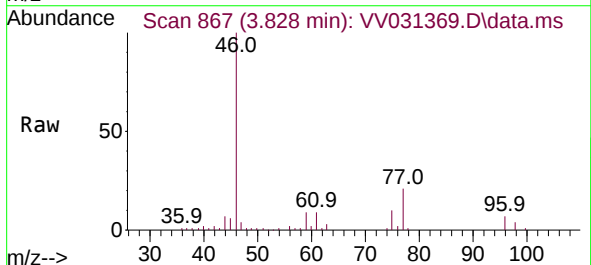
Instrument :
MSVOA_V
ClientSampleId :
F6C25DL

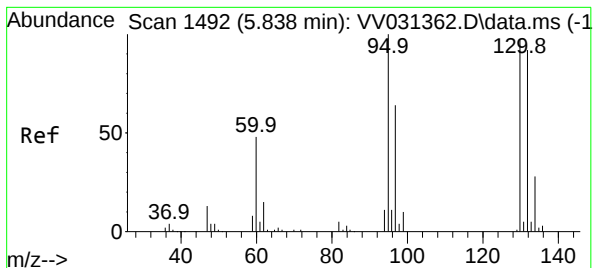
Tgt Ion: 84 Resp: 3838
Ion Ratio Lower Upper
84 100
86 60.9 46.7 86.7
49 152.2 101.6 188.8



#22
cis-1,2-Dichloroethene
Concen: 0.356 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.010 min
Lab File: VV031369.D
Acq: 06 Jun 2023 12:48

Tgt Ion: 96 Resp: 4143
Ion Ratio Lower Upper
96 100
61 133.4 100.8 187.2
98 54.8 45.1 83.9





#34

Trichloroethene

Concen: 0.897 ug/L

RT: 5.841 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV031369.D

Acq: 06 Jun 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

F6C25DL

Tgt Ion: 95 Resp: 11649

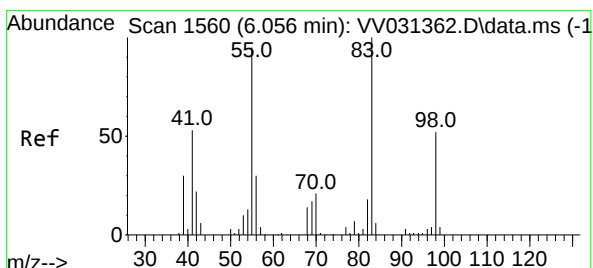
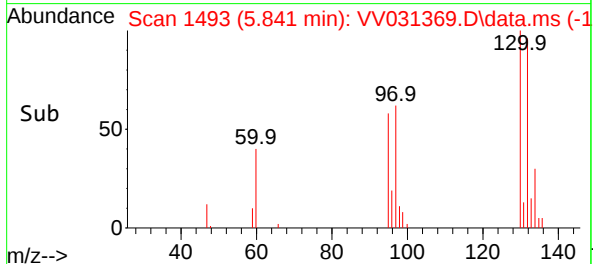
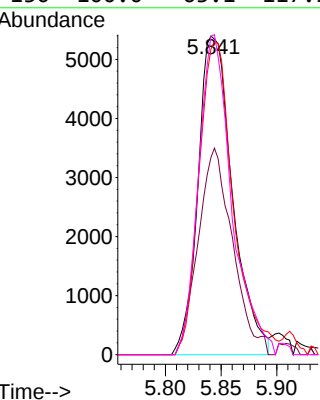
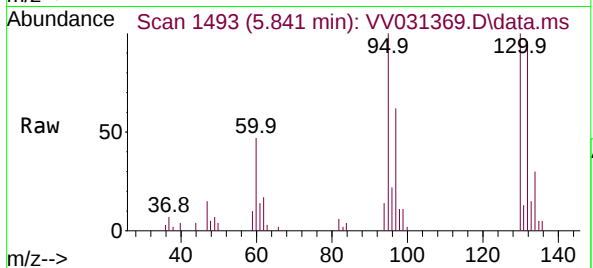
Ion Ratio Lower Upper

95 100

97 61.8 46.1 85.5

132 95.9 64.5 119.9

130 100.0 63.1 117.1



#35

Methylcyclohexane

Concen: 0.767 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.061 min

Lab File: VV031369.D

Acq: 06 Jun 2023 12:48

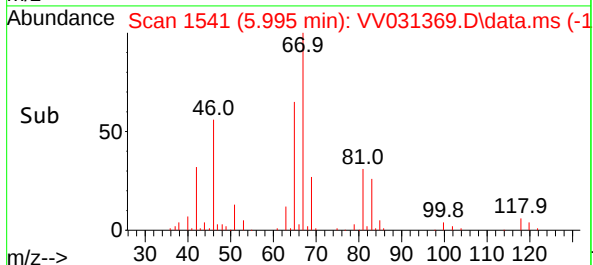
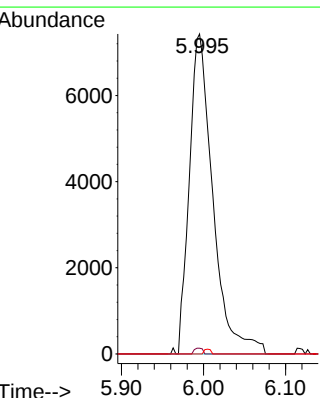
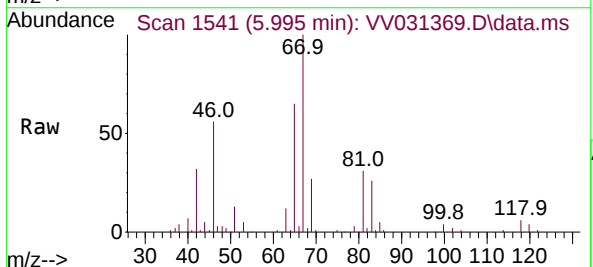
Tgt Ion: 83 Resp: 14827

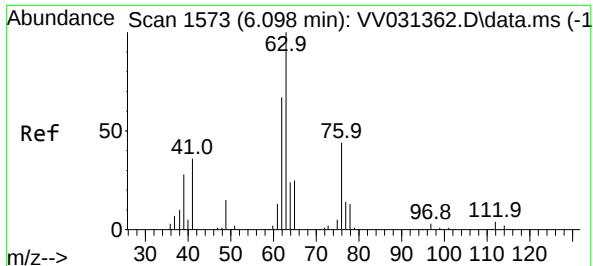
Ion Ratio Lower Upper

83 100

55 0.6 74.6 112.0#

98 0.4 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031369.D

Acq: 06 Jun 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

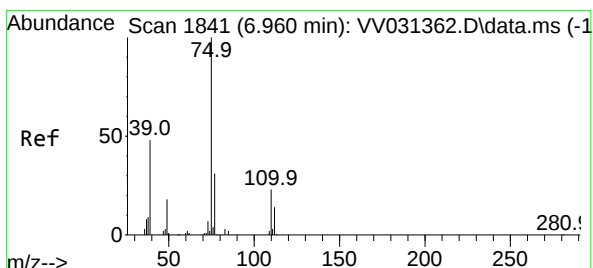
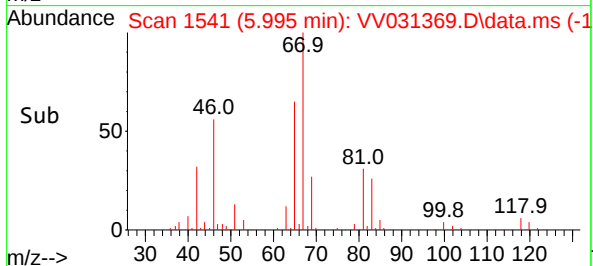
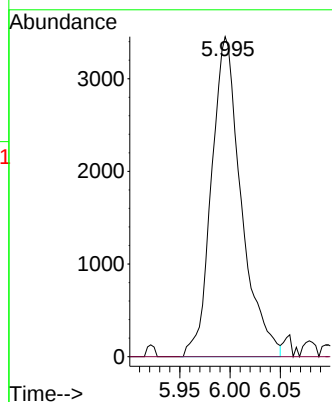
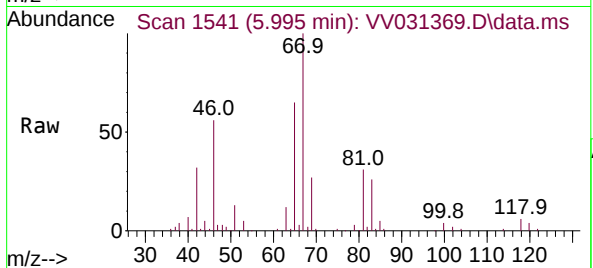
F6C25DL

Tgt Ion: 63 Resp: 7102

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 6.928 min Scan# 1831

Delta R.T. -0.032 min

Lab File: VV031369.D

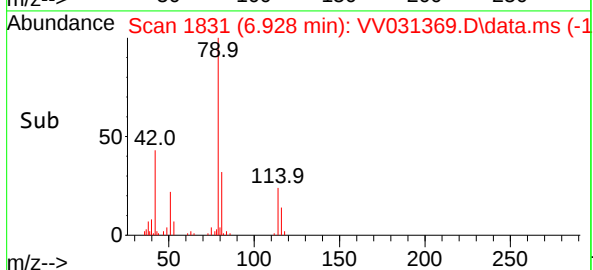
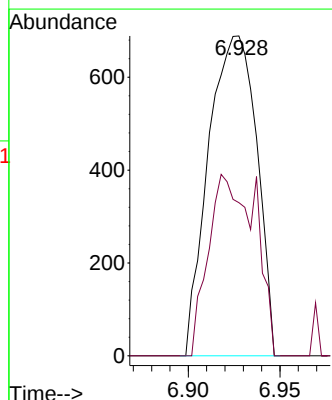
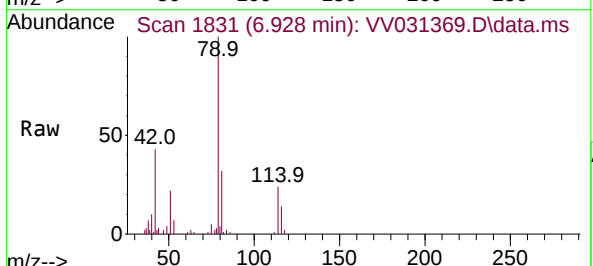
Acq: 06 Jun 2023 12:48

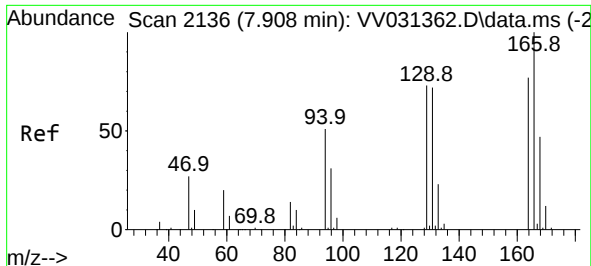
Tgt Ion: 75 Resp: 1263

Ion Ratio Lower Upper

75 100

77 47.9 21.3 39.5#





#47

Tetrachloroethene

Concen: 4.769 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031369.D

Acq: 06 Jun 2023 12:48

Instrument :

MSVOA_V

ClientSampleId :

F6C25DL

Tgt Ion:164 Resp: 48250

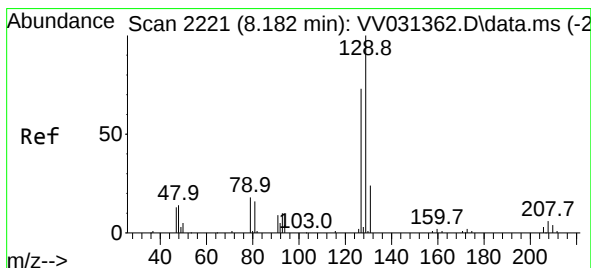
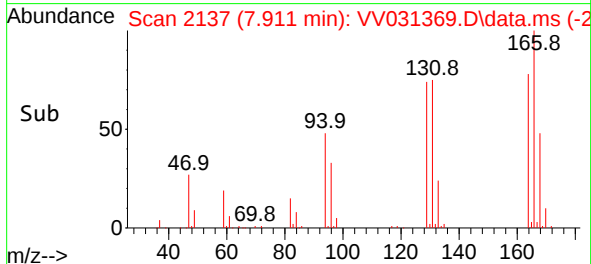
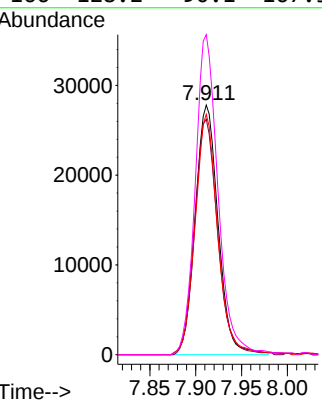
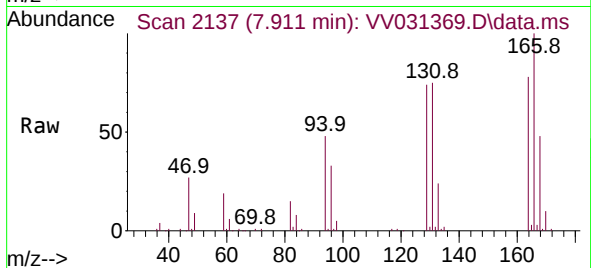
Ion Ratio Lower Upper

164 100

129 94.4 66.0 122.6

131 96.3 65.3 121.3

166 128.2 90.1 167.3



#49

Dibromochloromethane

Concen: 4.070 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031369.D

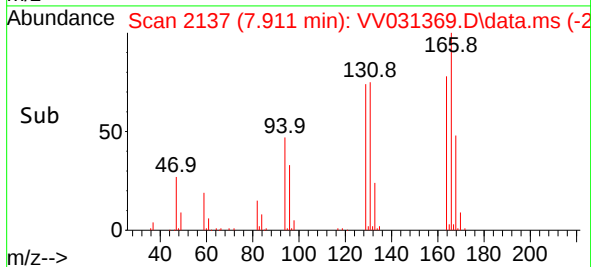
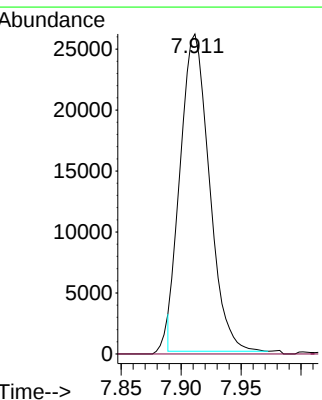
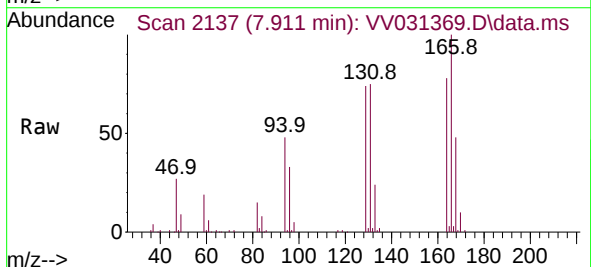
Acq: 06 Jun 2023 12:48

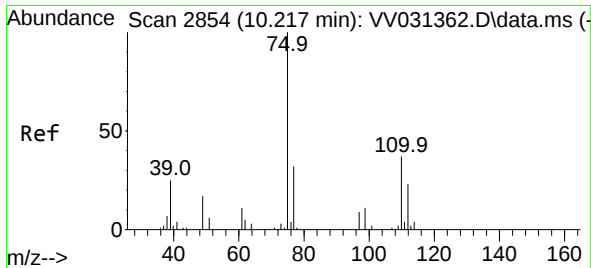
Tgt Ion:129 Resp: 43657

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#





#61
 1,2,3-Trichloropropane
 Concen: 0.899 ug/L
 RT: 11.191 min Scan# 3157
 Delta R.T. 0.974 min
 Lab File: VV031369.D
 Acq: 06 Jun 2023 12:48

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 6531
 Ion Ratio Lower Upper
 75 100
 77 42.0 27.3 40.9#
 110 2.1 29.4 44.0#

