

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031364.D
 Acq On : 06 Jun 2023 10:46
 Operator : SY/MD
 Sample : 03000-03 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C26

Quant Time: Jun 07 02:00:30 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)

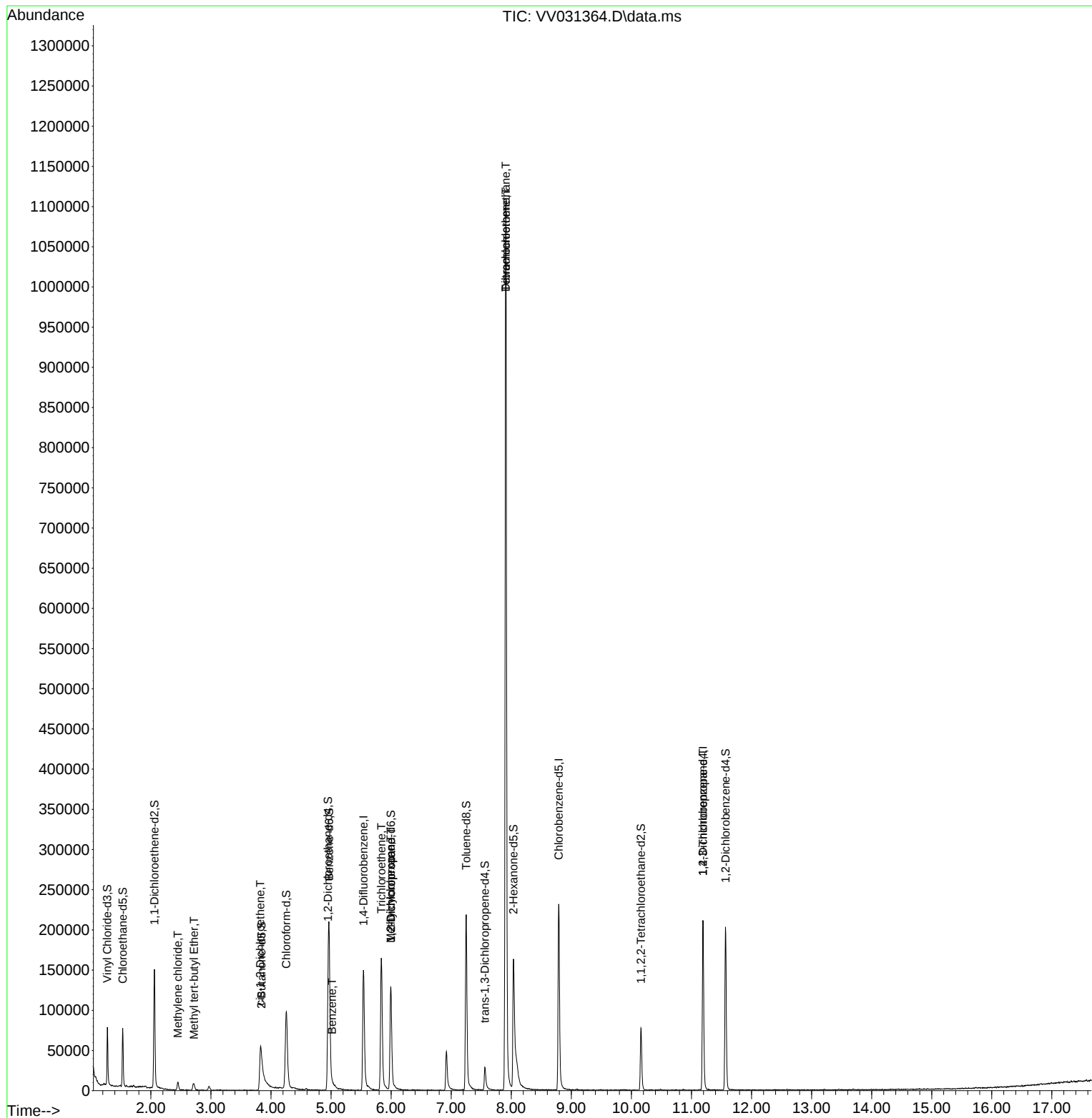
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	124906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	130657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	56833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	47726	3.756	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.200%	
7) Chloroethane-d5	1.532	69	45272	4.218	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.060	65	26327	4.268	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	3.841	46	73690	25.058	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	50.120%	
24) Chloroform-d	4.252	84	105146	4.922	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	4.950	65	53188	4.642	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	4.966	84	183107	4.610	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	5.995	67	64149	4.782	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.249	98	148861	3.991	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	7.561	79	19979	4.090	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.037	63	70418	35.888	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.780%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38520	3.777	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.600%	
66) 1,2-Dichlorobenzene-d4	11.567	152	51143	4.771	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	3509	0.247	ug/L	95
17) Methyl tert-butyl Ether	2.719	73	7234	0.272	ug/L #	94
22) cis-1,2-Dichloroethene	3.822	96	19588	1.747	ug/L	98
33) Benzene	5.014	78	5083	0.109	ug/L	100
34) Trichloroethene	5.838	95	58863	4.687	ug/L	95
35) Methylcyclohexane	5.992	83	15013	0.803	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	7379	0.539	ug/L #	86
47) Tetrachloroethene	7.908	164	245522	25.089	ug/L	99
49) Dibromochloromethane	7.908	129	225656	21.753	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	7258	1.045	ug/L #	66

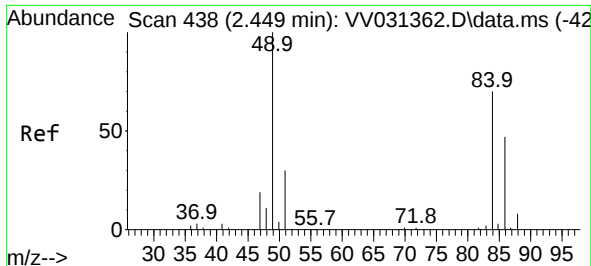
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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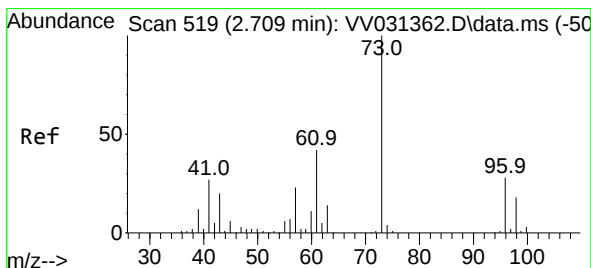
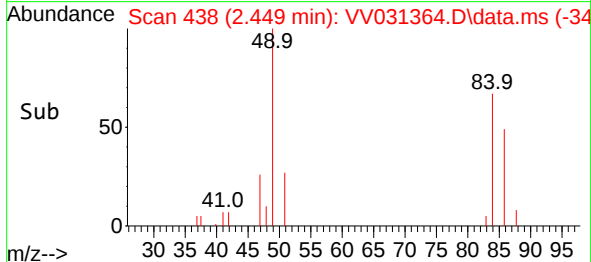
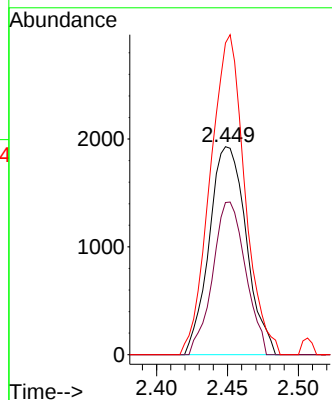
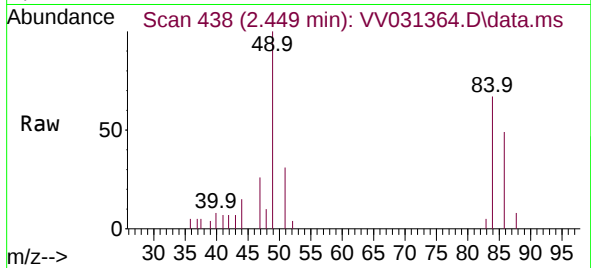




#16
Methylene chloride
Concen: 0.247 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV031364.D
Acq: 06 Jun 2023 10:46

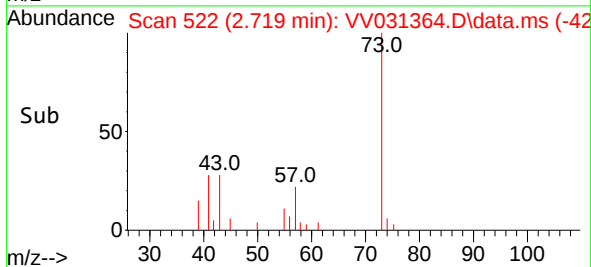
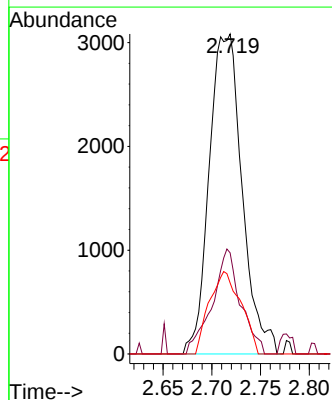
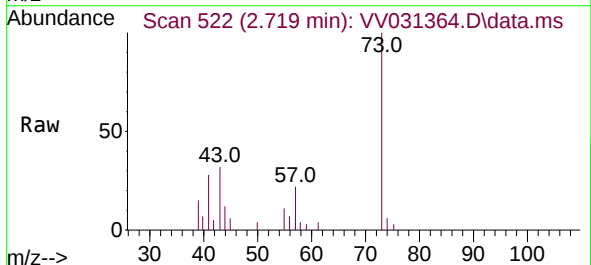
Instrument :
MSVOA_V
ClientSampleId :
F6C26

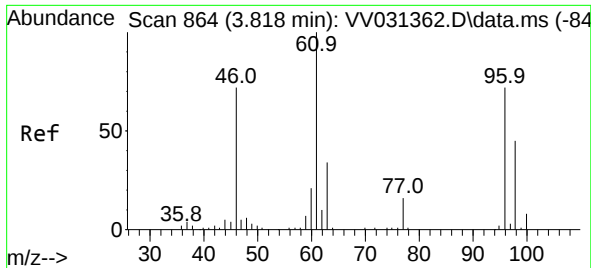
Tgt Ion: 84 Resp: 3509
Ion Ratio Lower Upper
84 100
86 73.2 46.7 86.7
49 149.9 101.6 188.8



#17
Methyl tert-butyl Ether
Concen: 0.272 ug/L
RT: 2.719 min Scan# 522
Delta R.T. 0.009 min
Lab File: VV031364.D
Acq: 06 Jun 2023 10:46

Tgt Ion: 73 Resp: 7234
Ion Ratio Lower Upper
73 100
43 28.3 17.8 26.8#
57 24.7 19.8 29.8

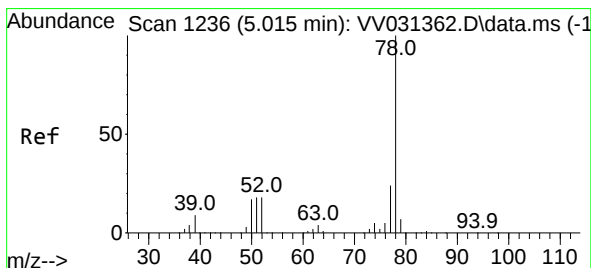
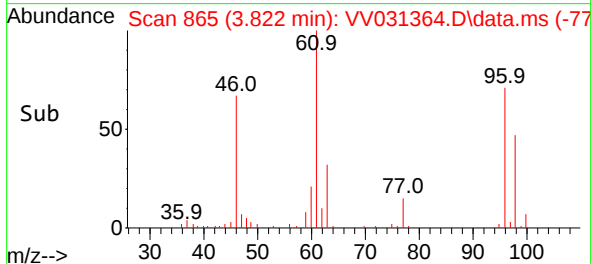
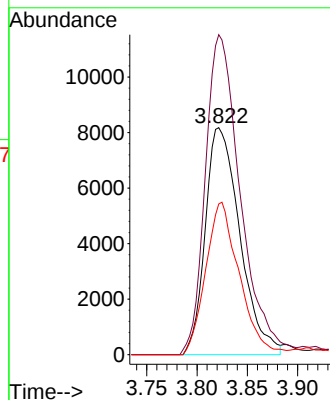
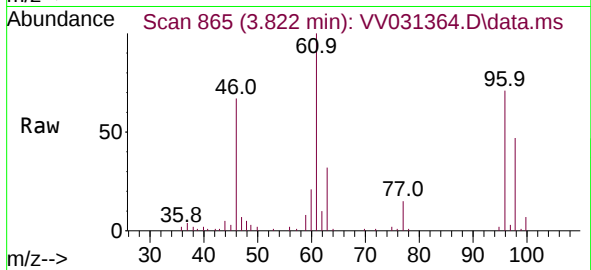




#22
 cis-1,2-Dichloroethene
 Concen: 1.747 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV031364.D
 Acq: 06 Jun 2023 10:46

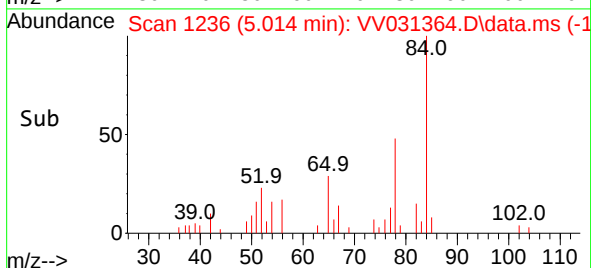
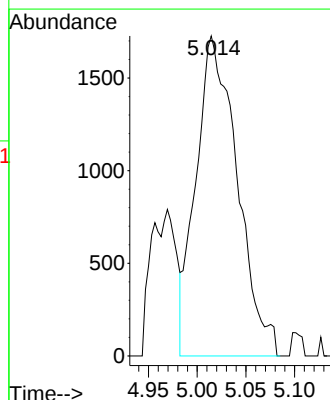
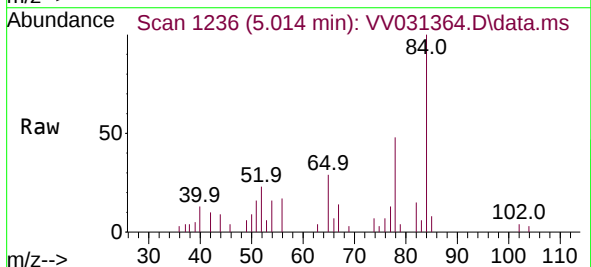
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 F6C26

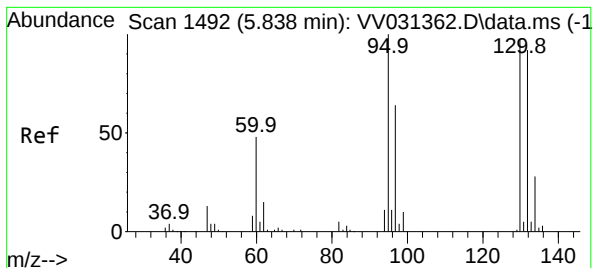
Tgt Ion: 96 Resp: 19588
 Ion Ratio Lower Upper
 96 100
 61 140.9 100.8 187.2
 98 66.4 45.1 83.9



#33
 Benzene
 Concen: 0.109 ug/L
 RT: 5.014 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: VV031364.D
 Acq: 06 Jun 2023 10:46

Tgt Ion: 78 Resp: 5083





#34

Trichloroethene

Concen: 4.687 ug/L

RT: 5.838 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV031364.D

Acq: 06 Jun 2023 10:46

Instrument :

MSVOA_V

ClientSampleId :

F6C26

Tgt Ion: 95 Resp: 58863

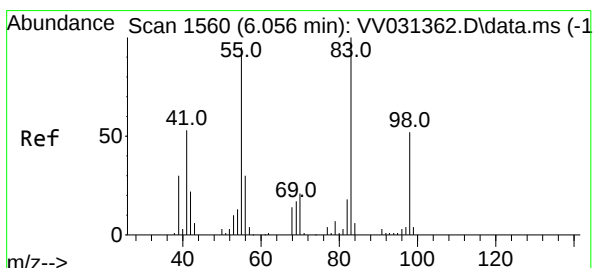
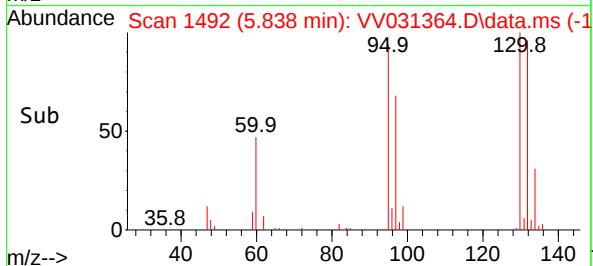
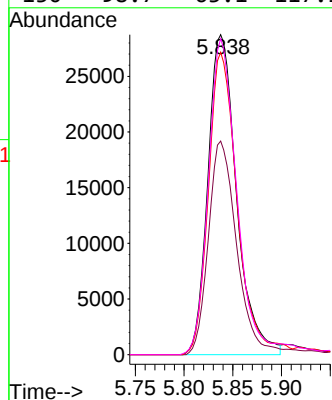
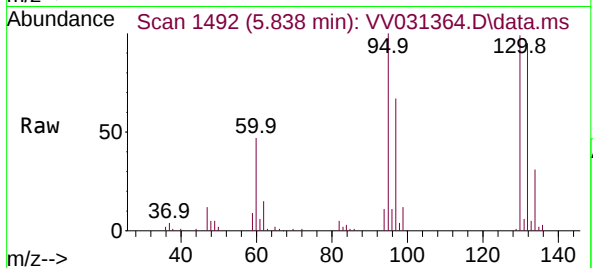
Ion Ratio Lower Upper

95 100

97 66.8 46.1 85.5

132 94.5 64.5 119.9

130 98.7 63.1 117.1



#35

Methylcyclohexane

Concen: 0.803 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.064 min

Lab File: VV031364.D

Acq: 06 Jun 2023 10:46

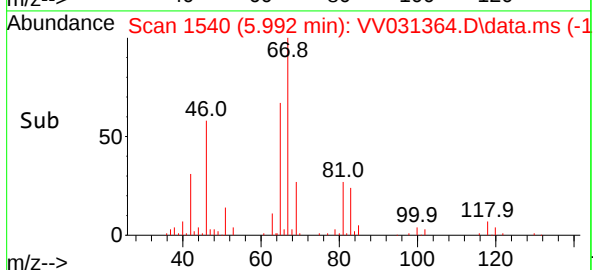
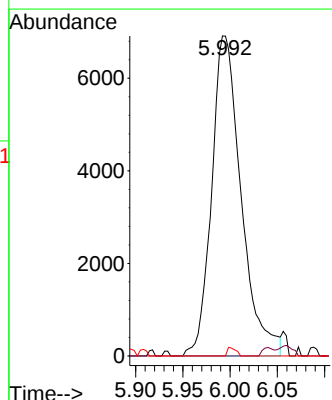
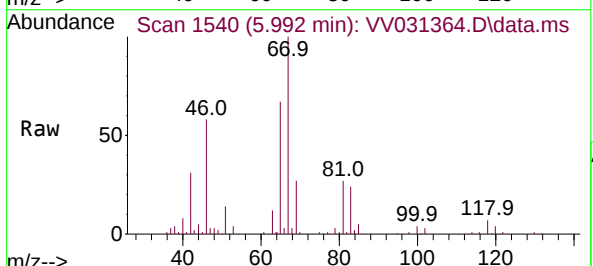
Tgt Ion: 83 Resp: 15013

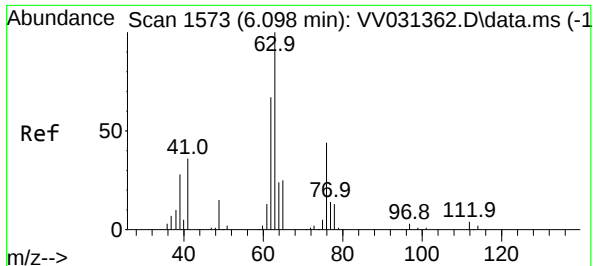
Ion Ratio Lower Upper

83 100

55 1.0 74.6 112.0#

98 0.0 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV031364.D

Acq: 06 Jun 2023 10:46

Instrument :

MSVOA_V

ClientSampleId :

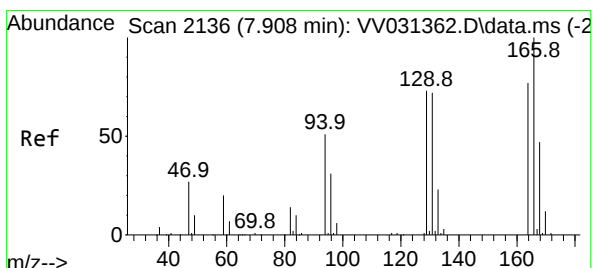
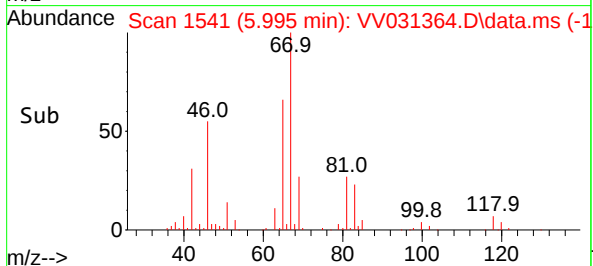
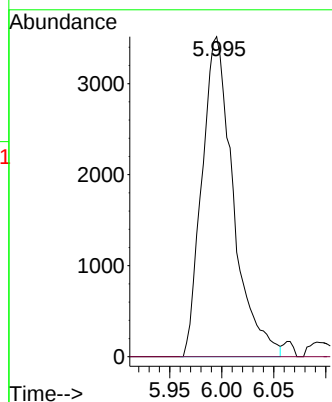
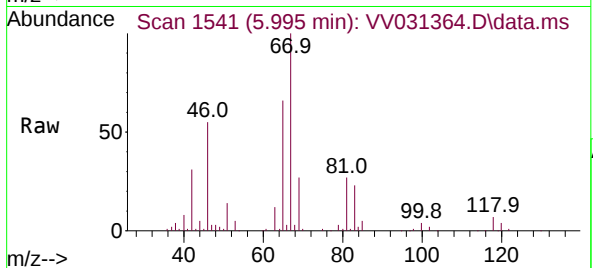
F6C26

Tgt Ion: 63 Resp: 7379

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#47

Tetrachloroethene

Concen: 25.089 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VV031364.D

Acq: 06 Jun 2023 10:46

Tgt Ion: 164 Resp: 245522

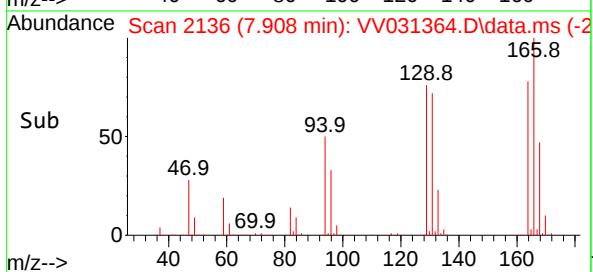
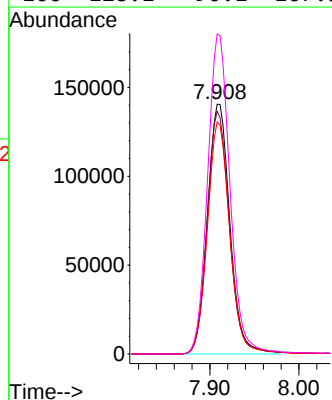
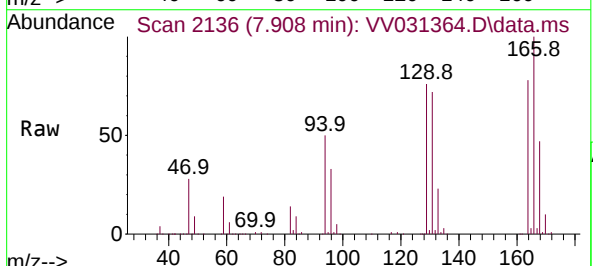
Ion Ratio Lower Upper

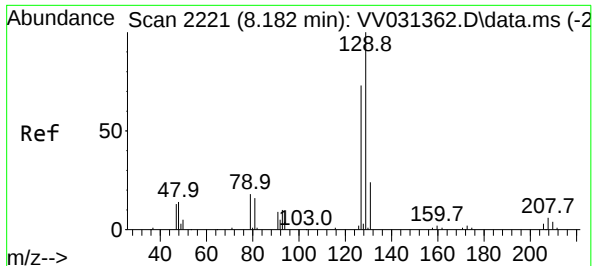
164 100

129 97.1 66.0 122.6

131 92.8 65.3 121.3

166 128.1 90.1 167.3





#49

Dibromochloromethane

Concen: 21.753 ug/L

RT: 7.908 min Scan# 21

Delta R.T. -0.273 min

Lab File: VV031364.D

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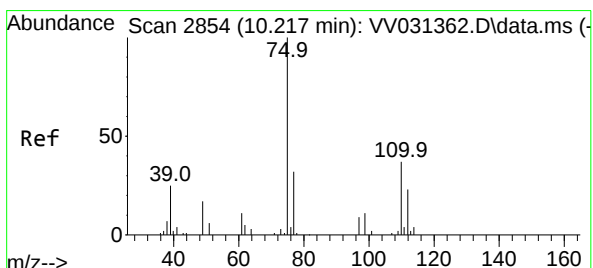
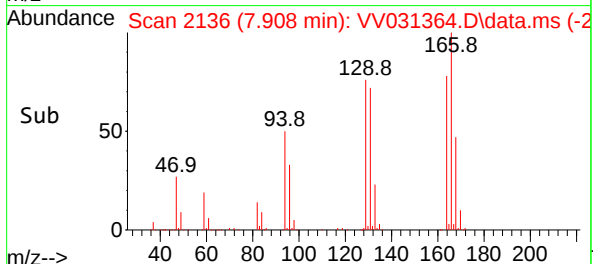
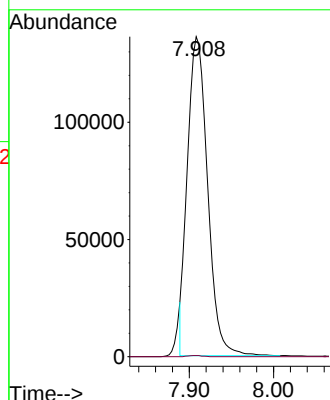
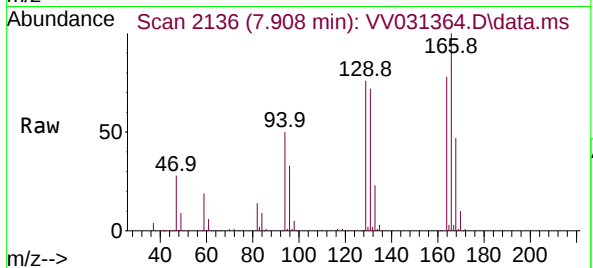
F6C26

Tgt Ion:129 Resp: 225656

Ion Ratio Lower Upper

129 100

127 0.3 55.0 102.2#



#61

1,2,3-Trichloropropane

Concen: 1.045 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031364.D

Acq: 06 Jun 2023 10:46

Tgt Ion: 75 Resp: 7258

Ion Ratio Lower Upper

75 100

77 31.2 27.3 40.9

110 0.9 29.4 44.0#

