

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031368.D
 Acq On : 06 Jun 2023 12:24
 Operator : SY/MD
 Sample : 03000-01DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C03DL

Quant Time: Jun 07 02:01:29 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)

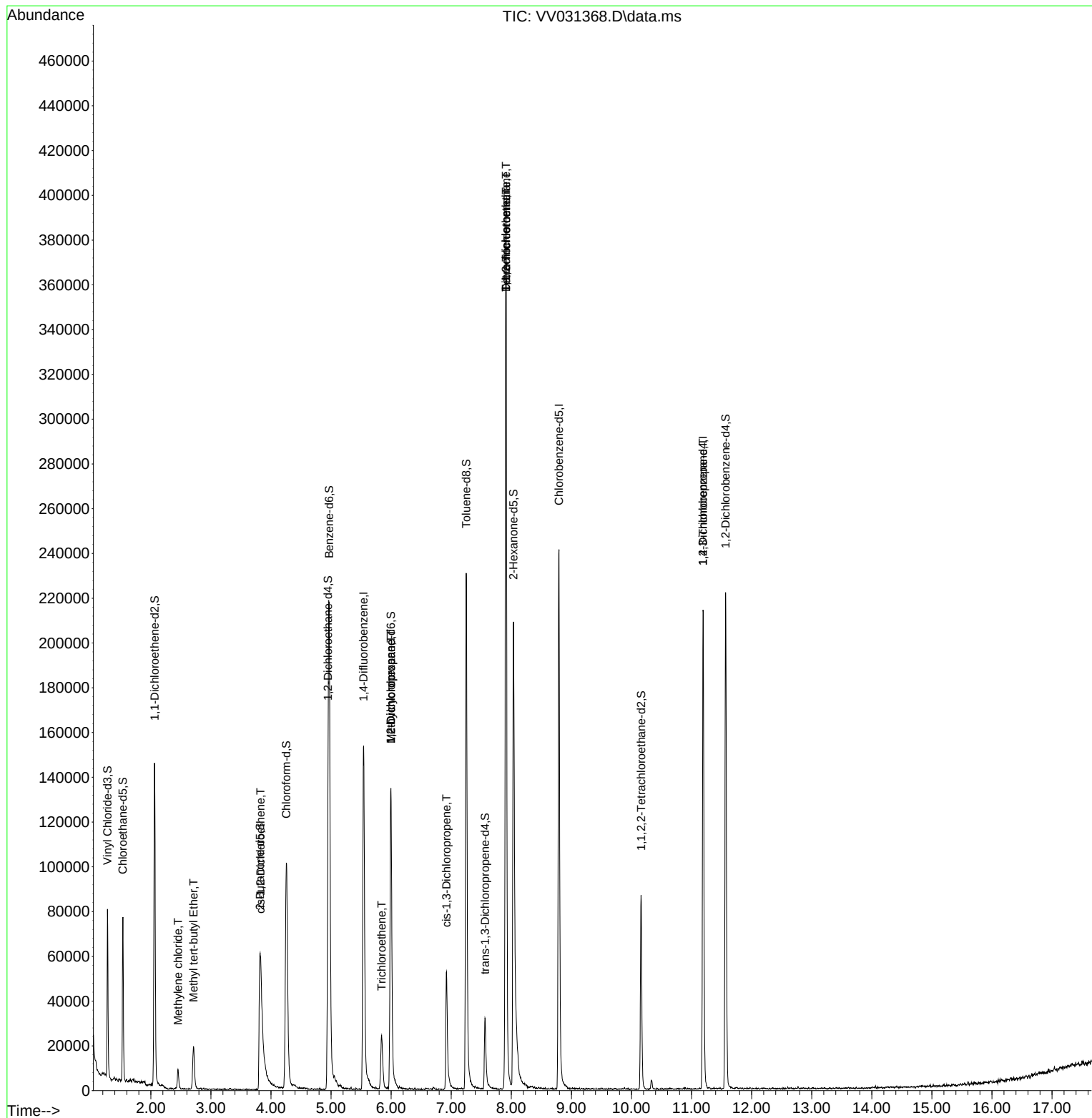
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126603	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58514	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49284	3.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.532	69	46430	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.063	65	25957	4.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.815	46	122853	41.215	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.440%
24) Chloroform-d	4.256	84	112920	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	4.950	65	57027	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.966	84	192374	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.995	67	65714	4.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.249	98	158024	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.564	79	20337	4.177	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.034	63	75206	38.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.920%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	42629	4.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	56354	5.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	3070	0.214	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	16278	0.604	ug/L	95
22) cis-1,2-Dichloroethene	3.828	96	5404	0.475	ug/L	97
34) Trichloroethene	5.841	95	8049	0.643	ug/L	92
35) Methylcyclohexane	5.995	83	15366	0.825	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	7642	0.560	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	1625	0.091	ug/L #	83
45) 1,1,2-Trichloroethane	7.911	97	955	0.103	ug/L #	24
47) Tetrachloroethene	7.911	164	90071	9.234	ug/L	99
49) Dibromochloromethane	7.911	129	82867	8.015	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6947	0.972	ug/L #	68

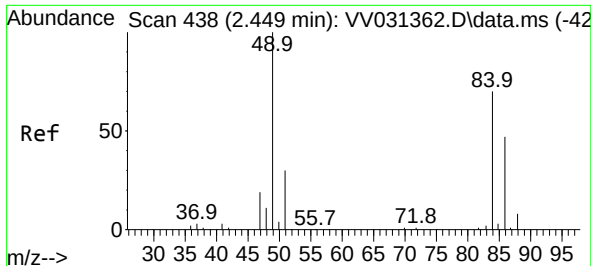
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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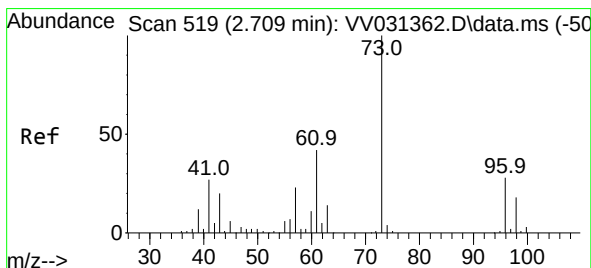
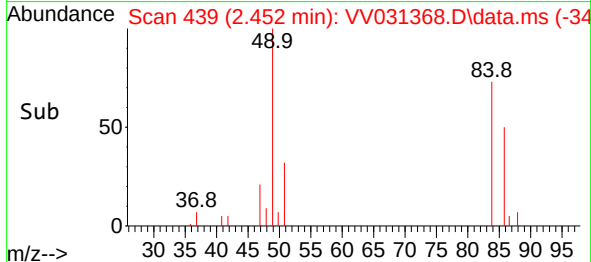
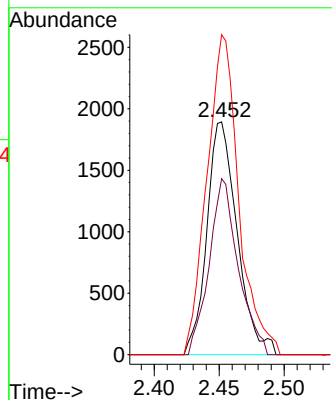
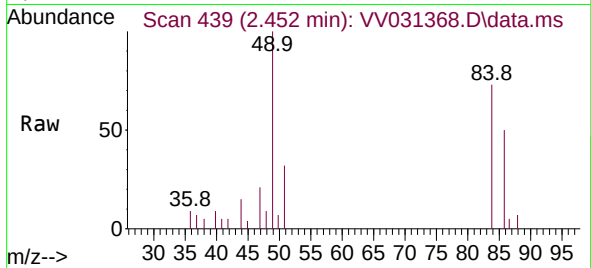




#16
Methylene chloride
Concen: 0.214 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031368.D
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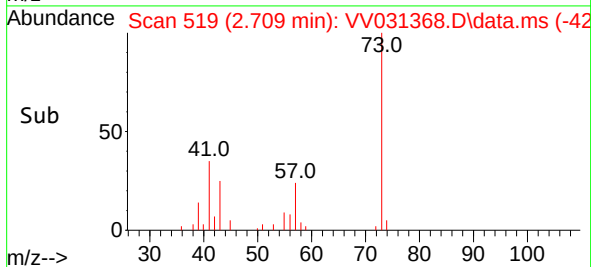
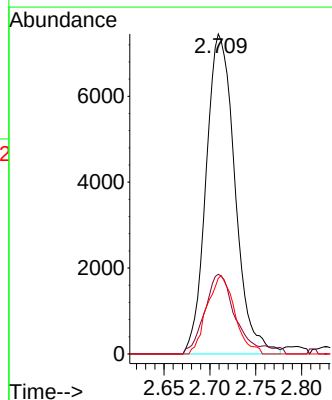
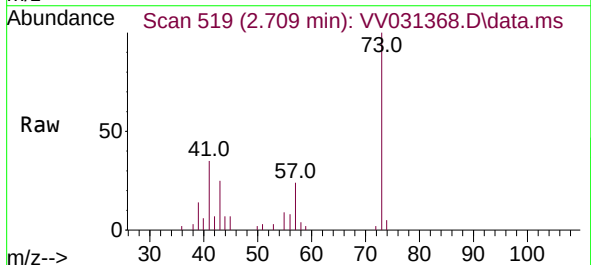
Instrument :
MSVOA_V
ClientSampleId :
F6C03DL

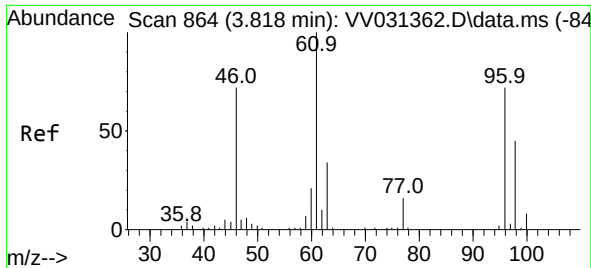
Tgt Ion: 84 Resp: 3070
Ion Ratio Lower Upper
84 100
86 75.6 46.7 86.7
49 146.4 101.6 188.8



#17
Methyl tert-butyl Ether
Concen: 0.604 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031368.D
Acq: 06 Jun 2023 12:24

Tgt Ion: 73 Resp: 16278
Ion Ratio Lower Upper
73 100
43 25.8 17.8 26.8
57 23.5 19.8 29.8

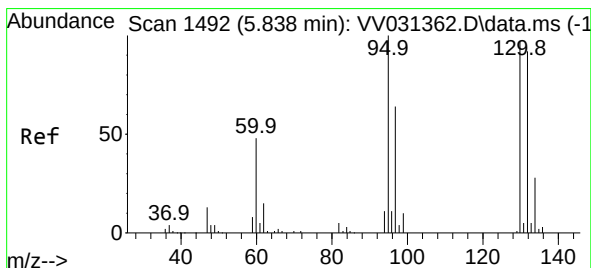
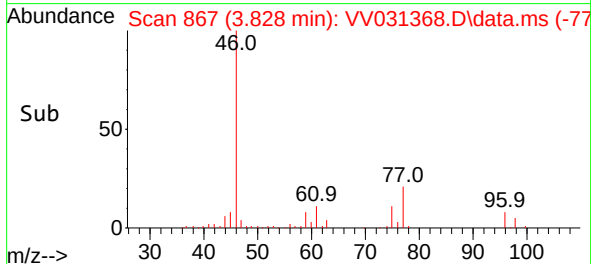
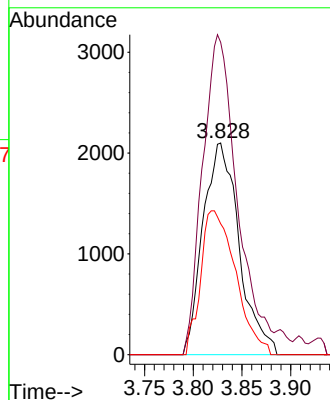
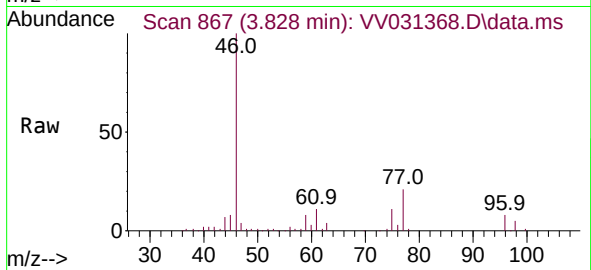




#22
cis-1,2-Dichloroethene
Concen: 0.475 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.010 min
Lab File: VV031368.D
Acq: 06 Jun 2023 12:24

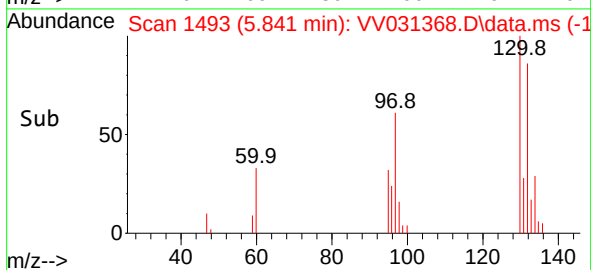
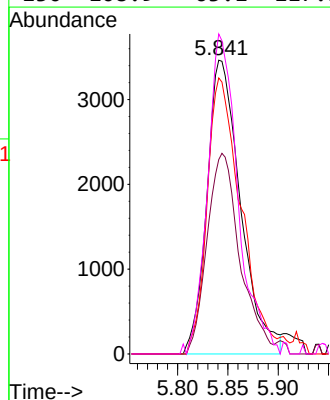
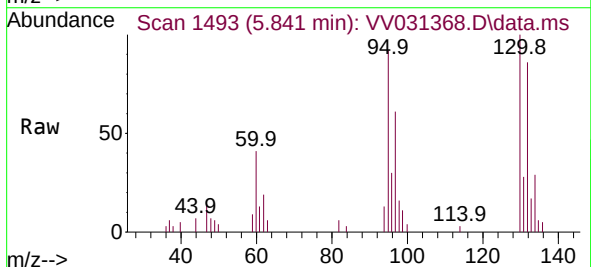
Instrument :
MSVOA_V
ClientSampleId :
F6C03DL

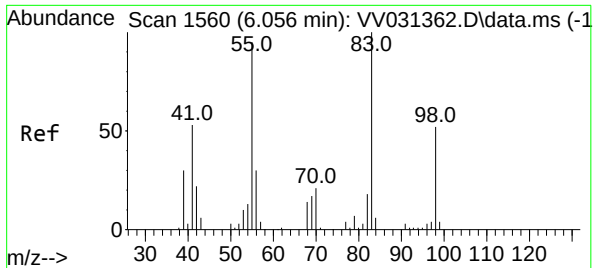
Tgt Ion: 96 Resp: 5404
Ion Ratio Lower Upper
96 100
61 147.5 100.8 187.2
98 61.8 45.1 83.9



#34
Trichloroethene
Concen: 0.643 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031368.D
Acq: 06 Jun 2023 12:24

Tgt Ion: 95 Resp: 8049
Ion Ratio Lower Upper
95 100
97 66.2 46.1 85.5
132 94.0 64.5 119.9
130 108.9 63.1 117.1

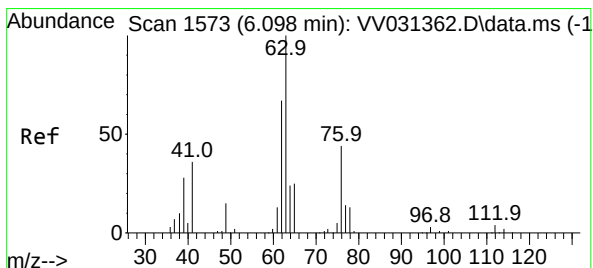
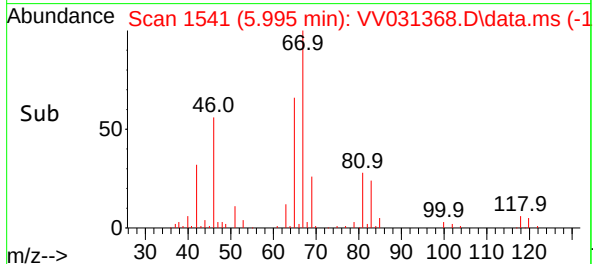
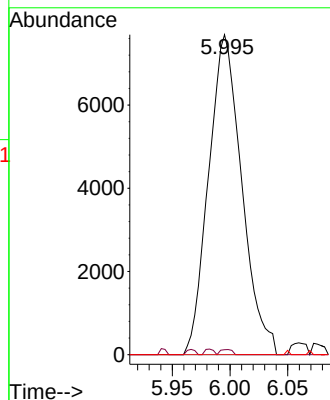
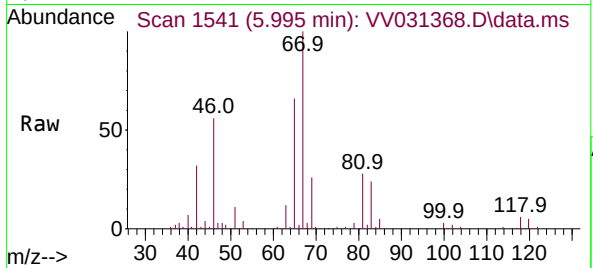




#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV031368.D
Acq: 06 Jun 2023 12:24

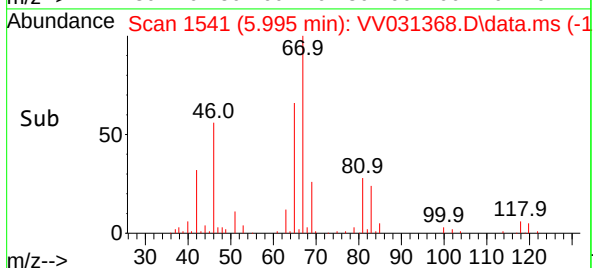
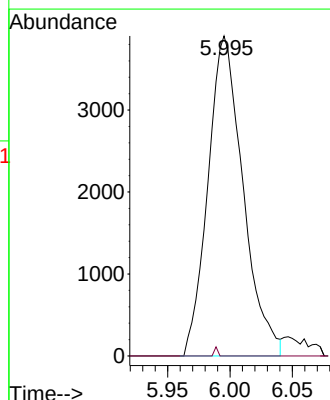
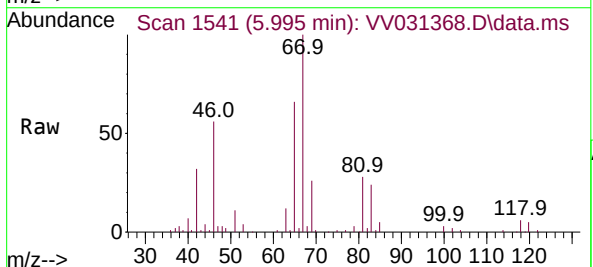
Instrument :
MSVOA_V
ClientSampleId :
F6C03DL

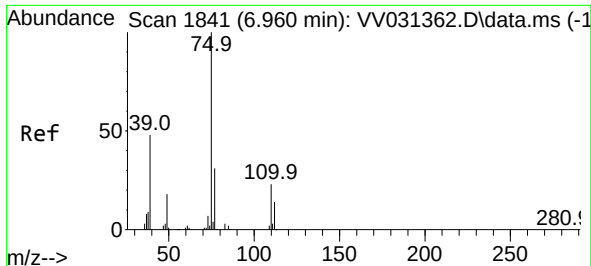
Tgt Ion: 83 Resp: 15366
Ion Ratio Lower Upper
83 100
55 0.6 74.6 112.0#
98 0.1 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV031368.D
Acq: 06 Jun 2023 12:24

Tgt Ion: 63 Resp: 7642
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV031368.D

Acq: 06 Jun 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

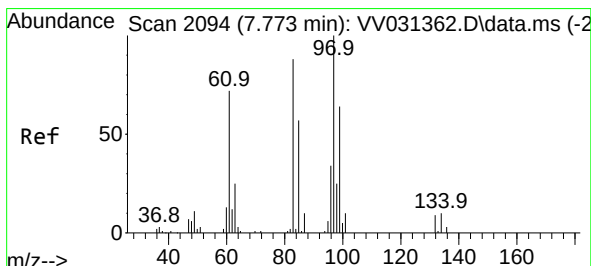
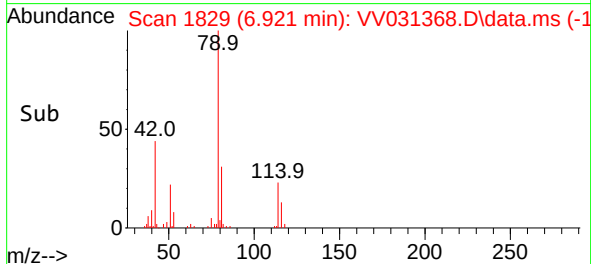
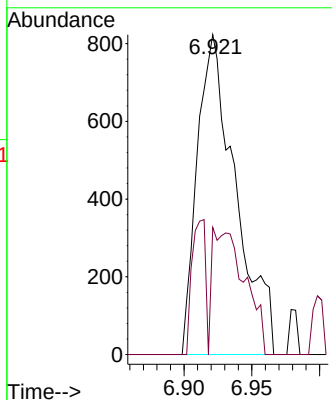
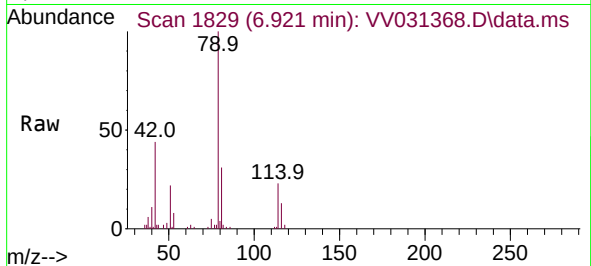
F6C03DL

Tgt Ion: 75 Resp: 1625

Ion Ratio Lower Upper

75 100

77 39.7 21.3 39.5#



#45

1,1,2-Trichloroethane

Concen: 0.103 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.138 min

Lab File: VV031368.D

Acq: 06 Jun 2023 12:24

Tgt Ion: 97 Resp: 955

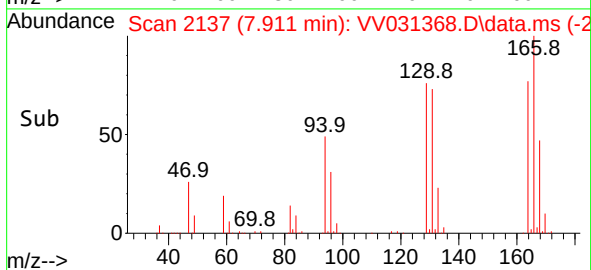
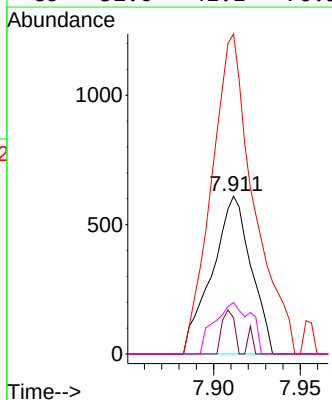
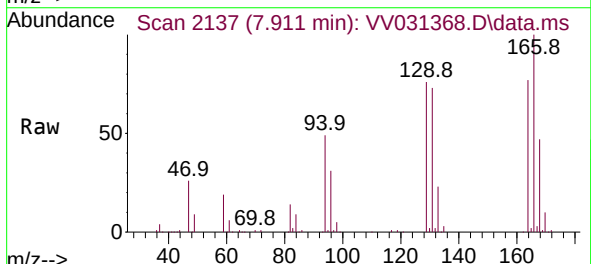
Ion Ratio Lower Upper

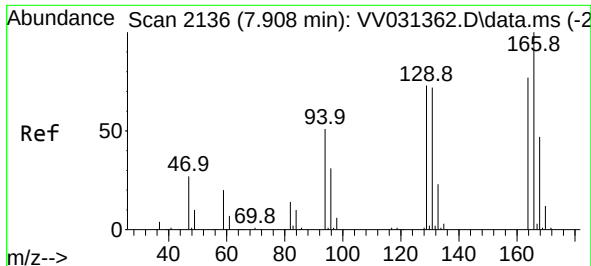
97 100

99 23.0 43.1 80.1#

83 202.8 63.1 117.1#

85 32.6 41.1 76.3#





#47

Tetrachloroethene

Concen: 9.234 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031368.D

Acq: 06 Jun 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

F6C03DL

Tgt Ion:164 Resp: 90071

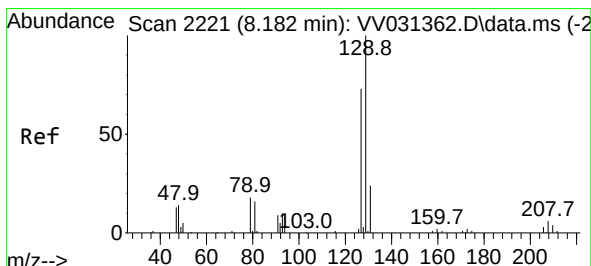
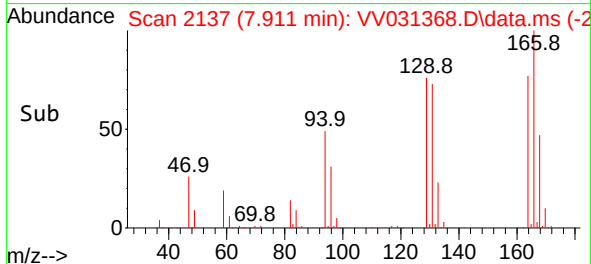
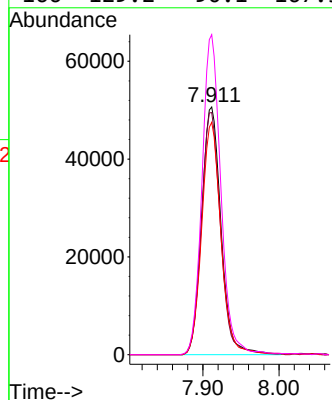
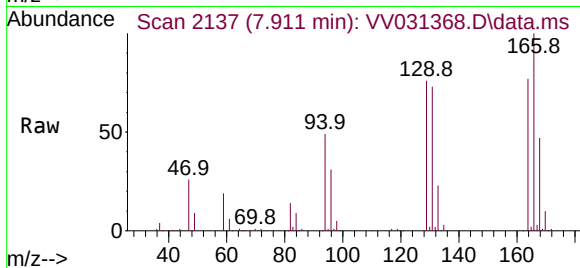
Ion Ratio Lower Upper

164 100

129 97.7 66.0 122.6

131 93.8 65.3 121.3

166 129.2 90.1 167.3



#49

Dibromochloromethane

Concen: 8.015 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031368.D

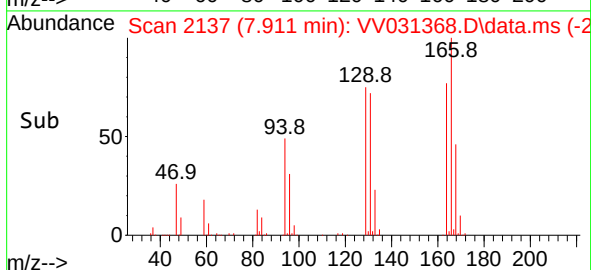
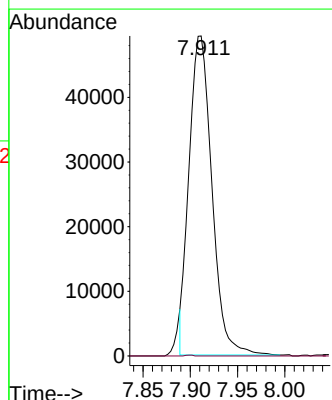
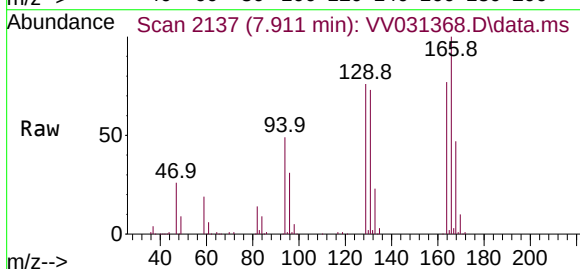
Acq: 06 Jun 2023 12:24

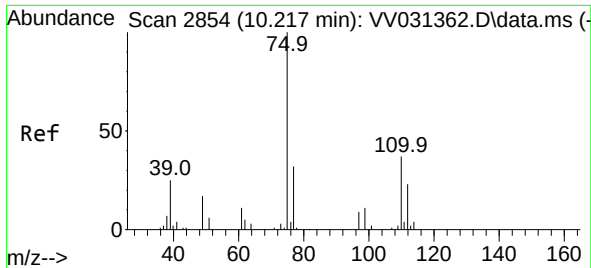
Tgt Ion:129 Resp: 82867

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#





#61
 1,2,3-Trichloropropane
 Concen: 0.972 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
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 Acq: 06 Jun 2023 12:24

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Tgt Ion: 75 Resp: 6947
 Ion Ratio Lower Upper
 75 100
 77 35.4 27.3 40.9
 110 1.8 29.4 44.0#

