

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031377.D
 Acq On : 06 Jun 2023 15:55
 Operator : SY/MD
 Sample : 02990-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C31

Quant Time: Jun 07 02:03:34 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)

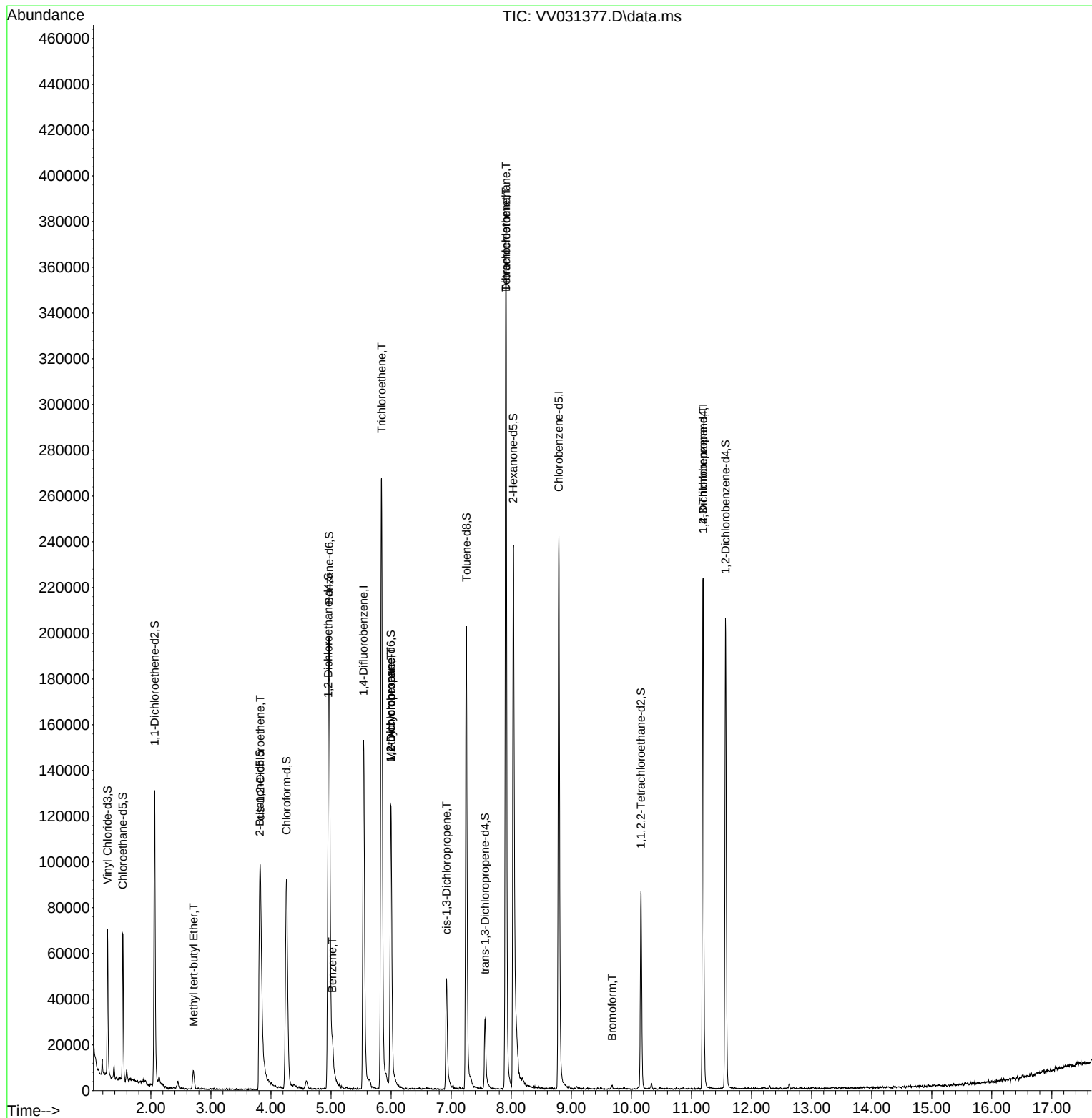
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126575	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	131092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42830	3.327	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.532	69	41883	3.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.063	65	22577	3.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.812	46	129251	43.371	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.740%
24) Chloroform-d	4.259	84	100000	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.953	65	53345	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.970	84	169399	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.998	67	61159	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.252	98	138986	3.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.564	79	19492	3.977	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.034	63	82024	41.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.320%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41676	4.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	52435	4.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.709	73	4320	0.160	ug/L #	91
22) cis-1,2-Dichloroethene	3.822	96	24279	2.136	ug/L	98
33) Benzene	5.021	78	16714	0.358	ug/L	100
34) Trichloroethene	5.841	95	96744	7.678	ug/L	96
35) Methylcyclohexane	5.995	83	15445	0.823	ug/L #	12
37) 1,2-Dichloropropane	5.998	63	7026	0.512	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1516	0.084	ug/L #	80
47) Tetrachloroethene	7.912	164	84979	8.655	ug/L	99
49) Dibromochloromethane	7.912	129	79490	7.637	ug/L #	10
59) Bromoform	9.680	173	833	0.173	ug/L #	82
61) 1,2,3-Trichloropropane	11.194	75	7015	0.962	ug/L #	67

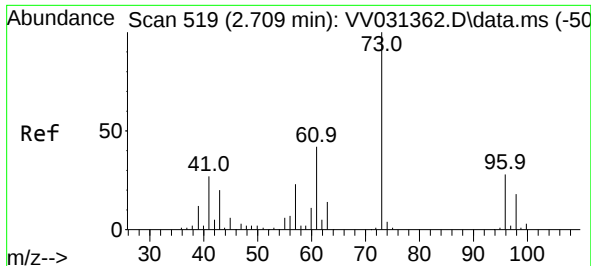
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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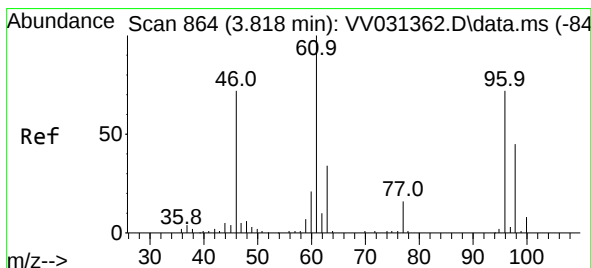
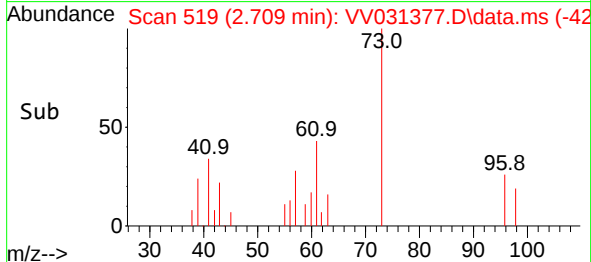
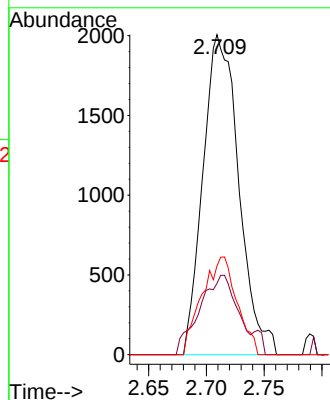
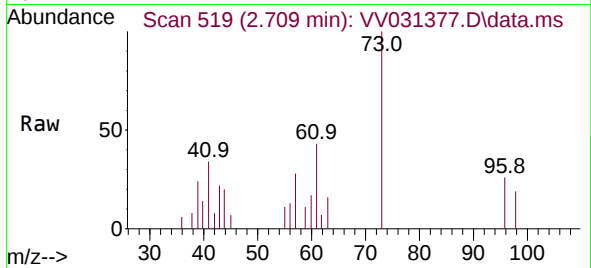




#17
Methyl tert-butyl Ether
Concen: 0.160 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031377.D
Acq: 06 Jun 2023 15:55

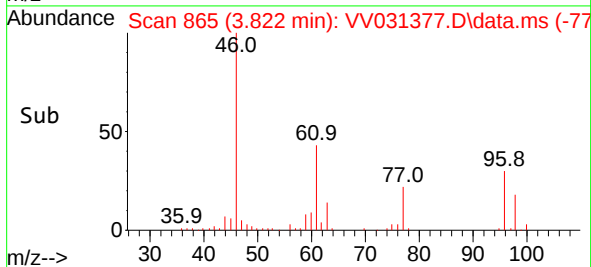
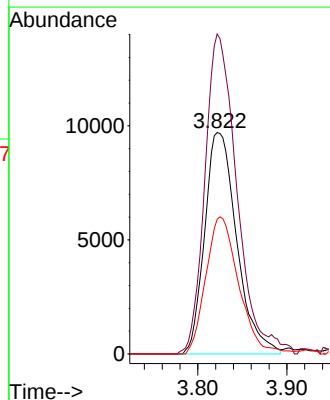
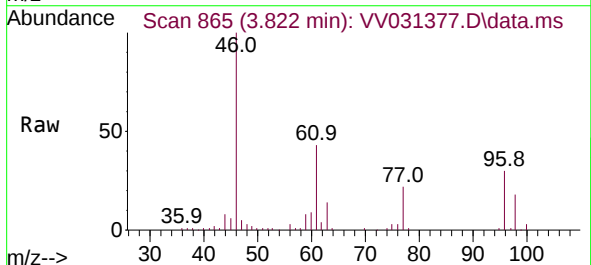
Instrument :
MSVOA_V
ClientSampleId :
F6C31

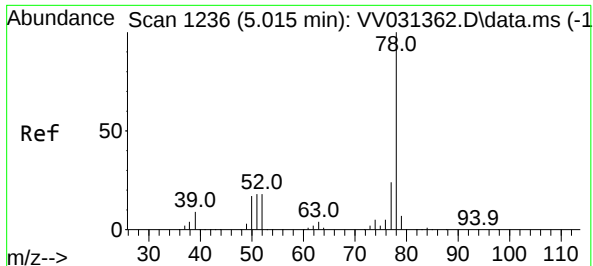
Tgt Ion: 73 Resp: 4320
Ion Ratio Lower Upper
73 100
43 26.3 17.8 26.8
57 30.0 19.8 29.8#



#22
cis-1,2-Dichloroethene
Concen: 2.136 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031377.D
Acq: 06 Jun 2023 15:55

Tgt Ion: 96 Resp: 24279
Ion Ratio Lower Upper
96 100
61 144.5 100.8 187.2
98 60.8 45.1 83.9

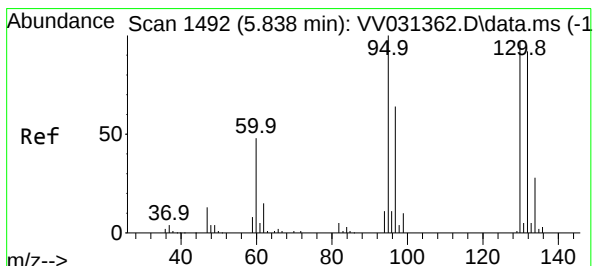
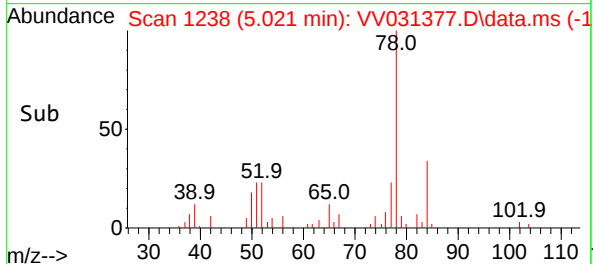
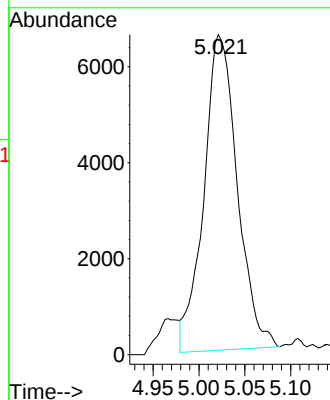
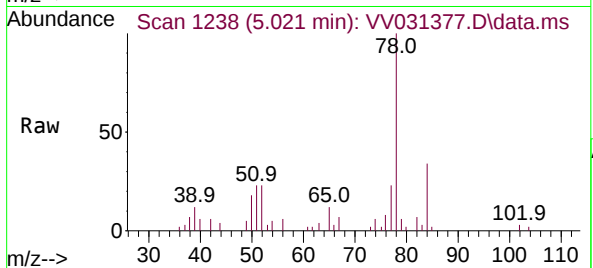




#33
Benzene
Concen: 0.358 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV031377.D
Acq: 06 Jun 2023 15:55

Instrument :
MSVOA_V
ClientSampleId :
F6C31

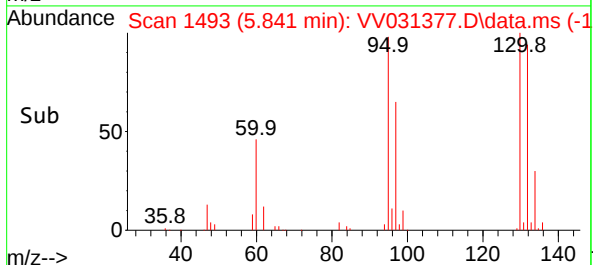
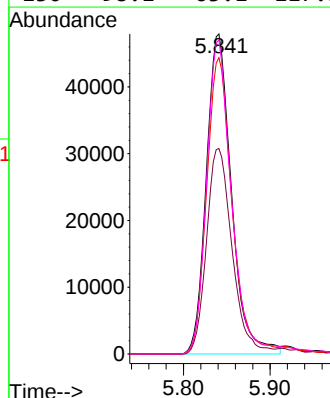
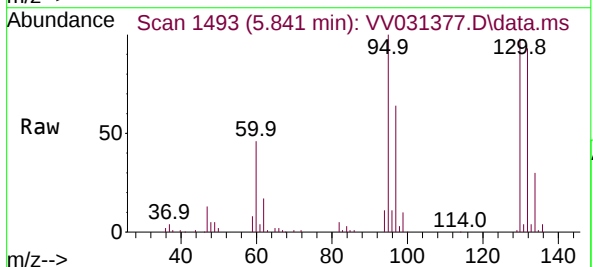
Tgt Ion: 78 Resp: 16714

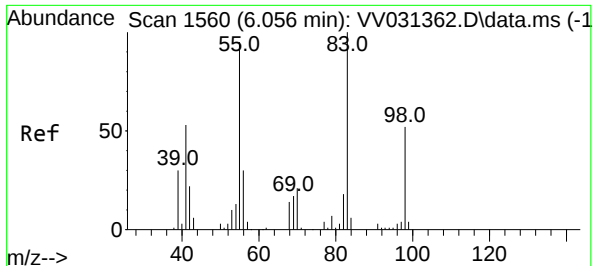


#34
Trichloroethene
Concen: 7.678 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031377.D
Acq: 06 Jun 2023 15:55

Tgt Ion: 95 Resp: 96744

Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.1	85.5
132	92.6	64.5	119.9
130	98.1	63.1	117.1





#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV031377.D

Acq: 06 Jun 2023 15:55

Instrument :

MSVOA_V

ClientSampleId :

F6C31

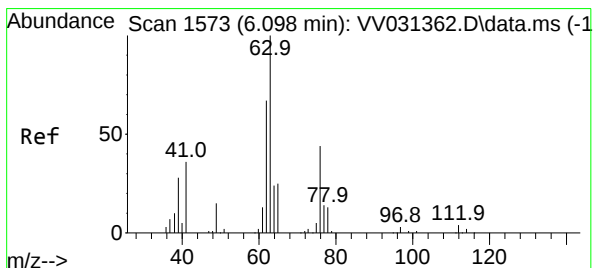
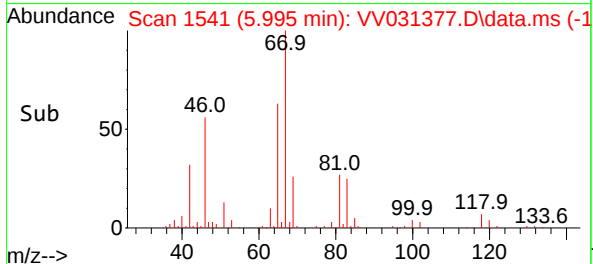
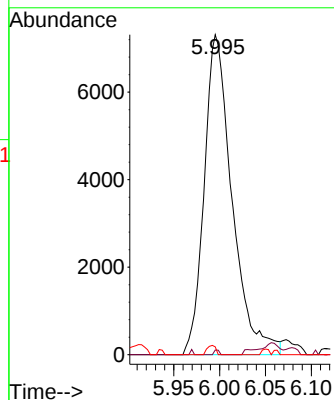
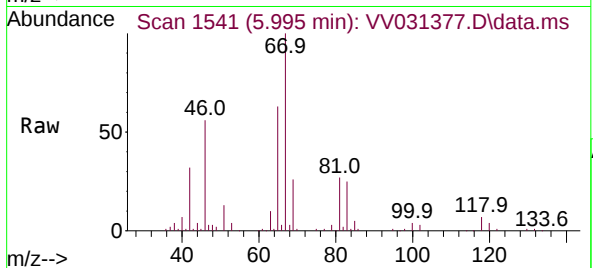
Tgt Ion: 83 Resp: 15445

Ion Ratio Lower Upper

83 100

55 0.3 74.6 112.0#

98 0.0 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.100 min

Lab File: VV031377.D

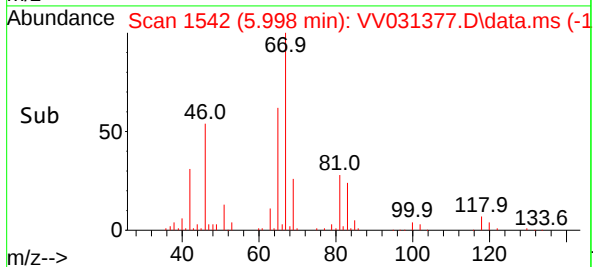
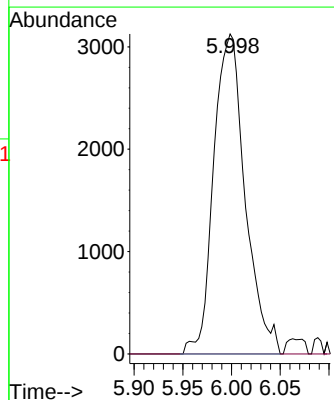
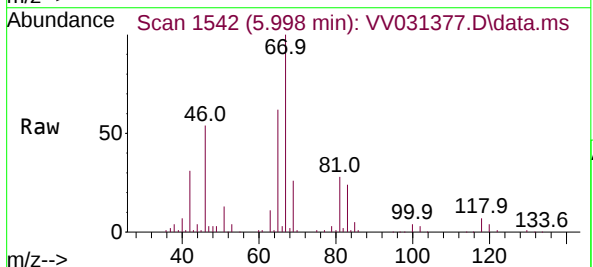
Acq: 06 Jun 2023 15:55

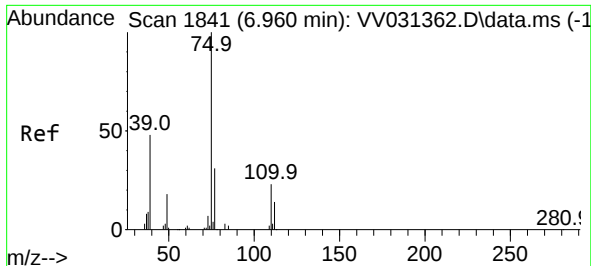
Tgt Ion: 63 Resp: 7026

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV031377.D

Acq: 06 Jun 2023 15:55

Instrument :

MSVOA_V

ClientSampleId :

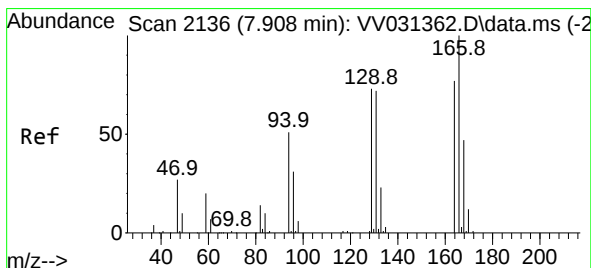
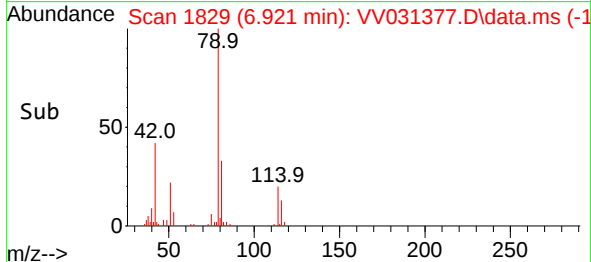
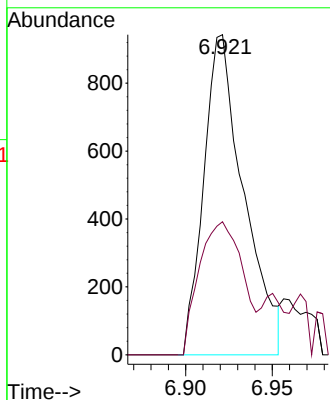
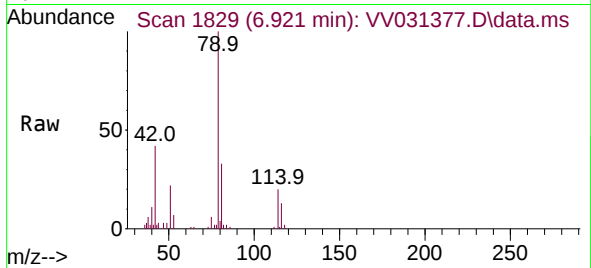
F6C31

Tgt Ion: 75 Resp: 1516

Ion Ratio Lower Upper

75 100

77 41.6 21.3 39.5#



#47

Tetrachloroethene

Concen: 8.655 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031377.D

Acq: 06 Jun 2023 15:55

Tgt Ion: 164 Resp: 84979

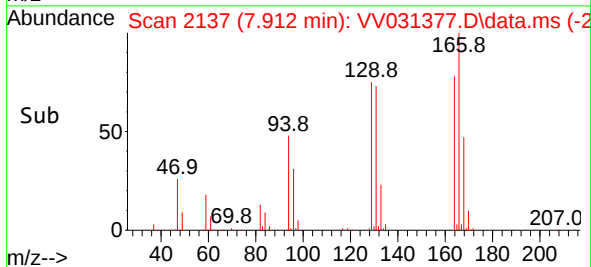
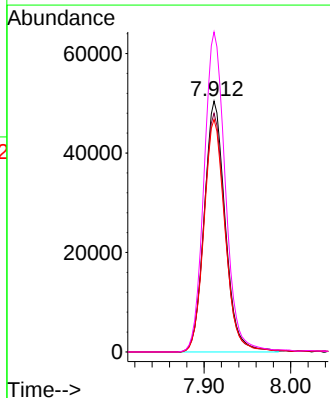
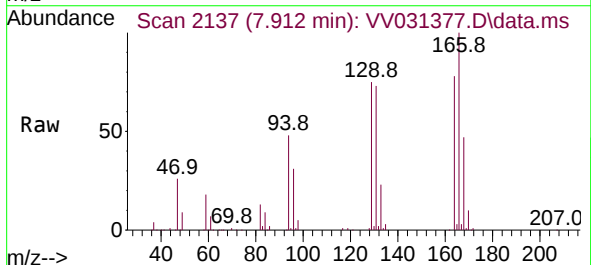
Ion Ratio Lower Upper

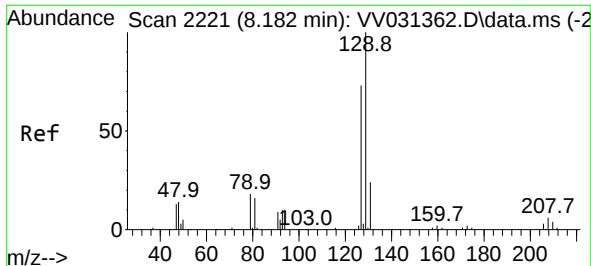
164 100

129 95.2 66.0 122.6

131 92.7 65.3 121.3

166 127.6 90.1 167.3





#49

Dibromochloromethane

Concen: 7.637 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031377.D

Acq: 06 Jun 2023 15:55

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MSVOA_V

ClientSampleId :

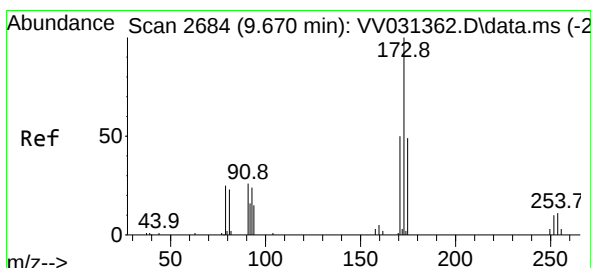
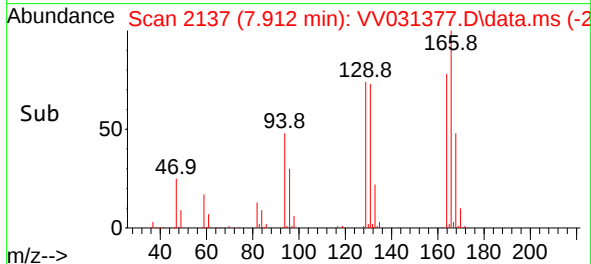
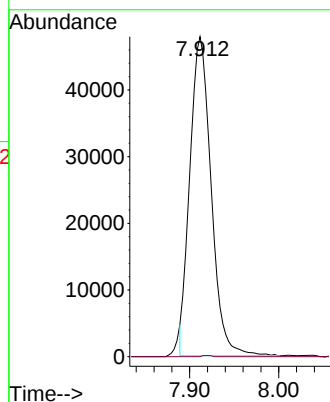
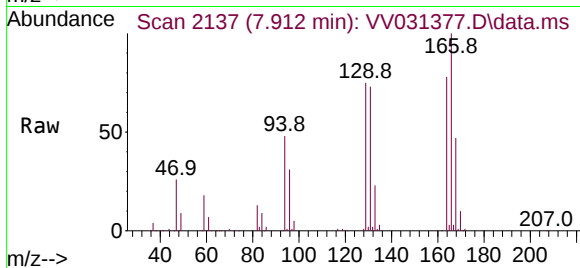
F6C31

Tgt Ion:129 Resp: 79490

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



#59

Bromoform

Concen: 0.173 ug/L

RT: 9.680 min Scan# 2687

Delta R.T. 0.010 min

Lab File: VV031377.D

Acq: 06 Jun 2023 15:55

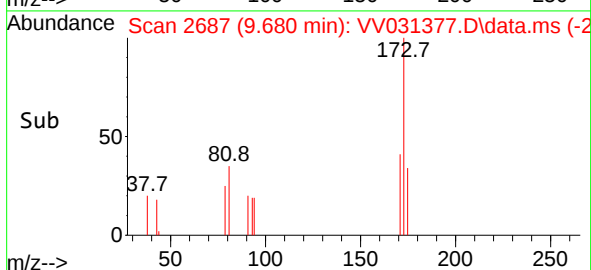
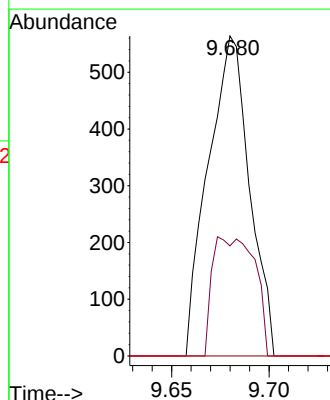
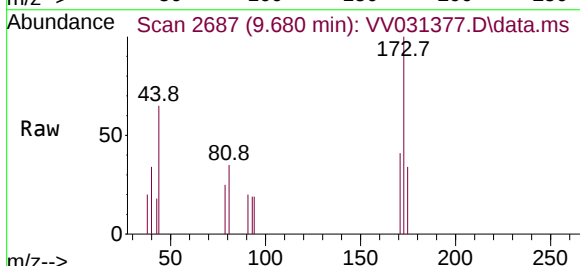
Tgt Ion:173 Resp: 833

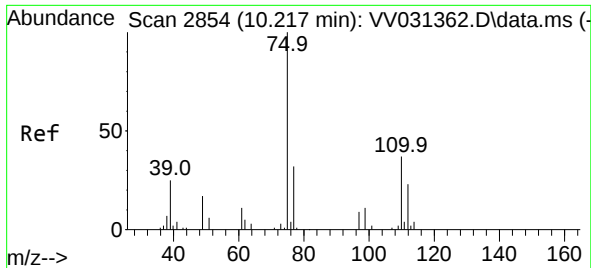
Ion Ratio Lower Upper

173 100

175 37.9 38.9 58.3#

254 0.0 7.8 11.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.962 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV031377.D
 Acq: 06 Jun 2023 15:55

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Tgt Ion: 75	Resp:	7015
Ion Ratio	Lower	Upper
75	100	
77	38.7	27.3 40.9
110	2.9	29.4 44.0#

