

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031379.D
 Acq On : 06 Jun 2023 16:40
 Operator : SY/MD
 Sample : 02990-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C38

Quant Time: Jun 07 02:04:01 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)

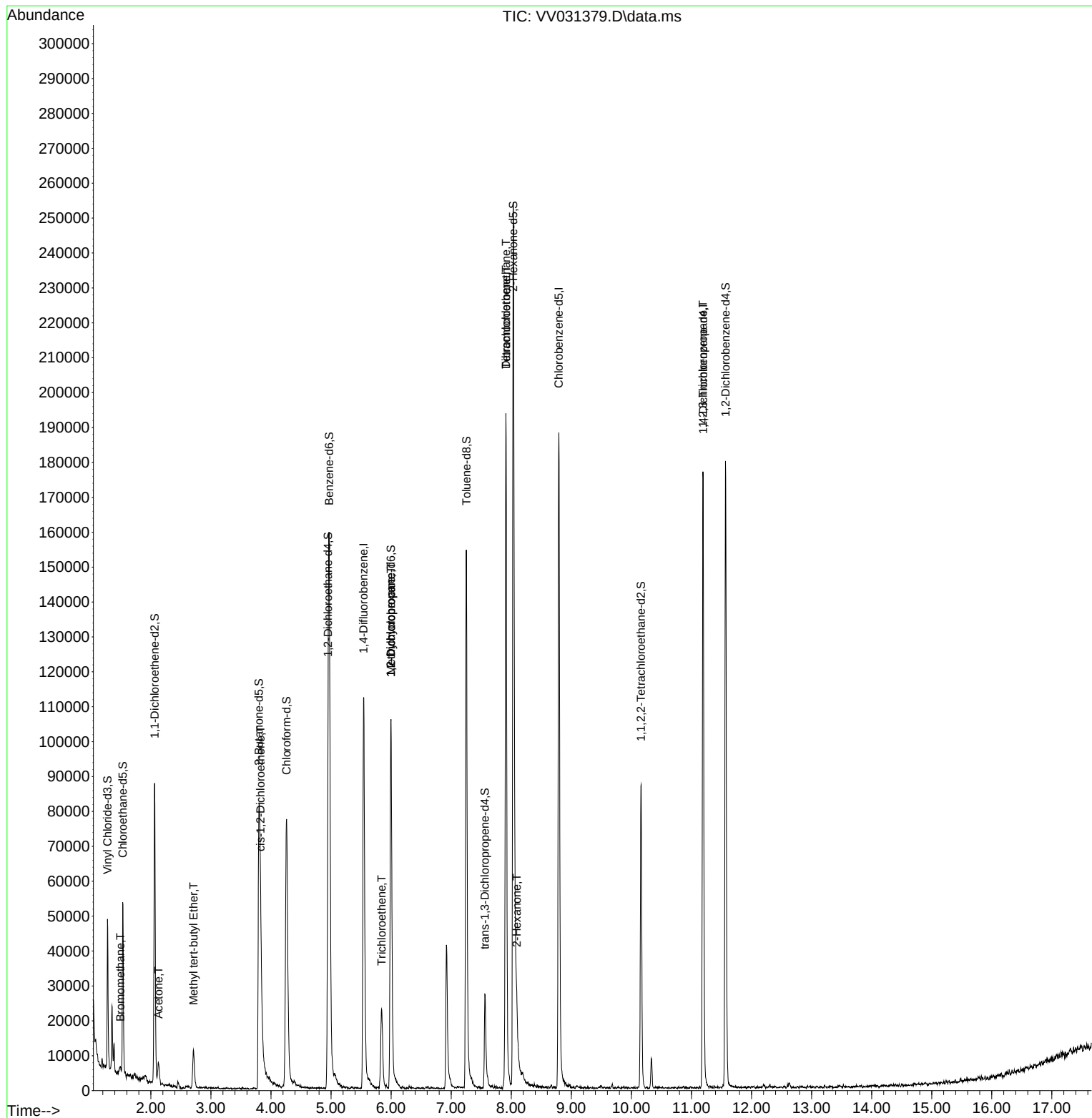
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	94120	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	103885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	47851	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28206	2.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.532	69	30832	3.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.063	65	15712	3.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.799	46	136484	61.591	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.180%
24) Chloroform-d	4.259	84	83083	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	4.950	65	51105	5.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
32) Benzene-d6	4.969	84	134319	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.995	67	53215	4.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.252	98	105526	3.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.561	79	17745	4.569	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.034	63	83913	53.787	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41965	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	46277	5.128	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
6) Bromomethane	1.490	94	614	0.085	ug/L	73
13) Acetone	2.127	43	6098	2.381	ug/L	86
17) Methyl tert-butyl Ether	2.709	73	8853	0.442	ug/L	96
22) cis-1,2-Dichloroethene	3.828	96	10176	1.204	ug/L	91
34) Trichloroethene	5.844	95	7146	0.716	ug/L	93
35) Methylcyclohexane	5.998	83	12258	0.825	ug/L #	12
37) 1,2-Dichloropropane	5.995	63	5899	0.542	ug/L #	86
47) Tetrachloroethene	7.911	164	42774	5.497	ug/L	99
48) 2-Hexanone	8.091	43	13655	2.693	ug/L #	90
49) Dibromochloromethane	7.911	129	40277	4.883	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	5295	0.906	ug/L #	64

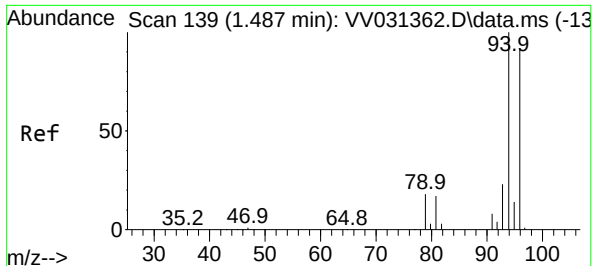
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.085 ug/L

RT: 1.490 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV031379.D

Acq: 06 Jun 2023 16:40

Instrument :

MSVOA_V

ClientSampleId :

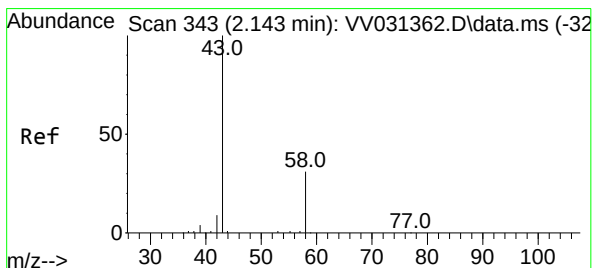
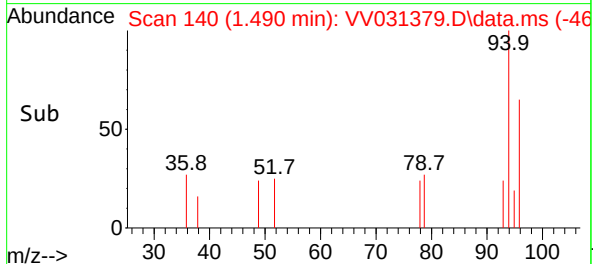
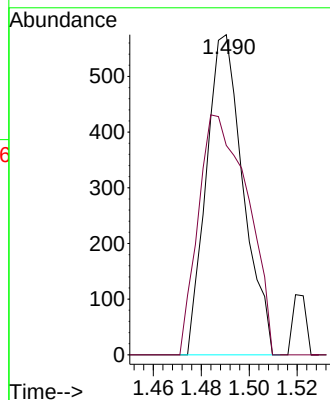
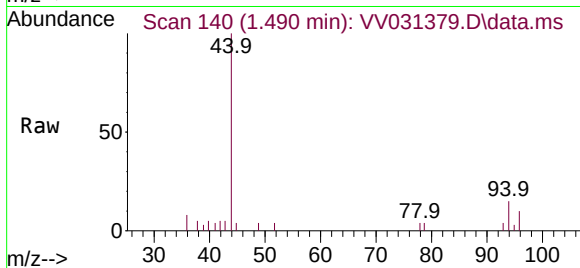
F6C38

Tgt Ion: 94 Resp: 614

Ion Ratio Lower Upper

94 100

96 65.4 63.7 118.3



#13

Acetone

Concen: 2.381 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.016 min

Lab File: VV031379.D

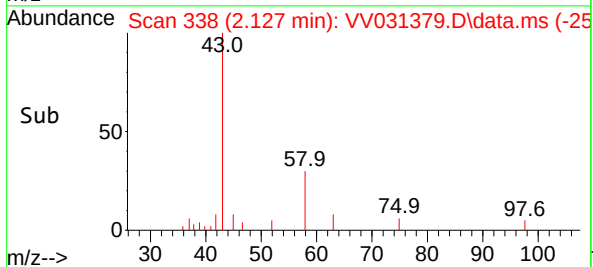
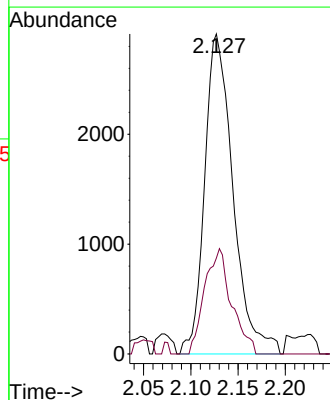
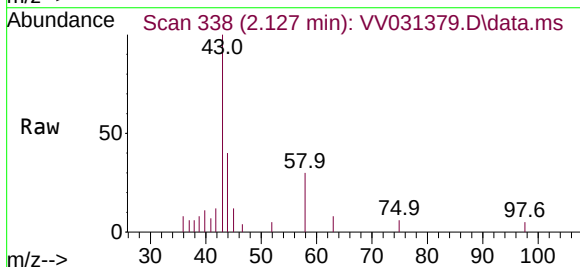
Acq: 06 Jun 2023 16:40

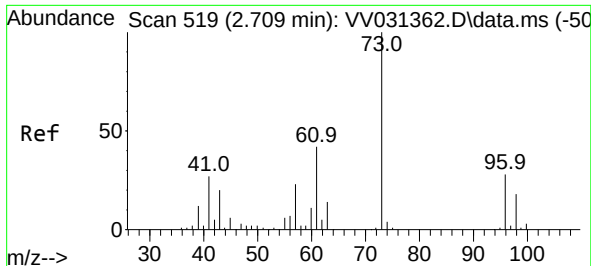
Tgt Ion: 43 Resp: 6098

Ion Ratio Lower Upper

43 100

58 31.2 0.0 48.4

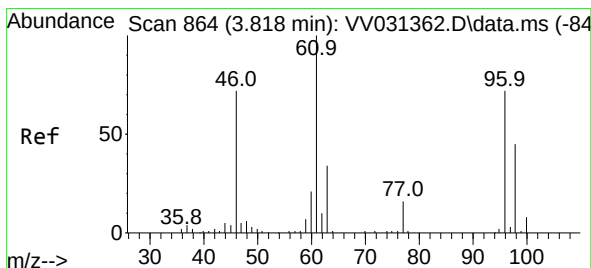
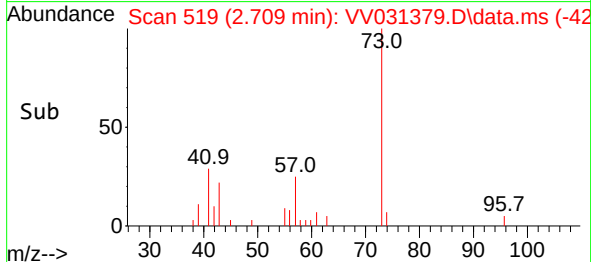
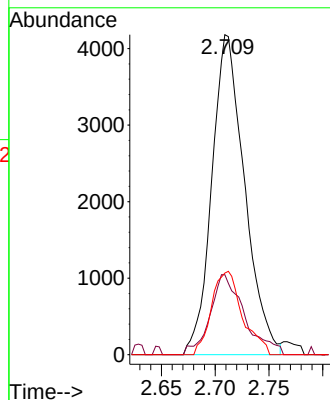
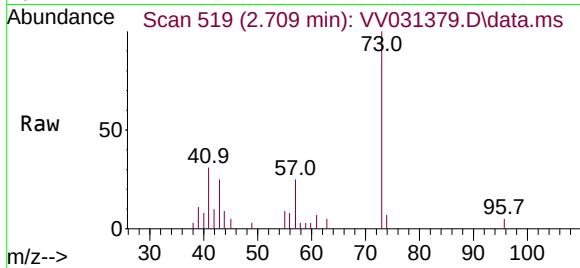




#17
Methyl tert-butyl Ether
Concen: 0.442 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031379.D
Acq: 06 Jun 2023 16:40

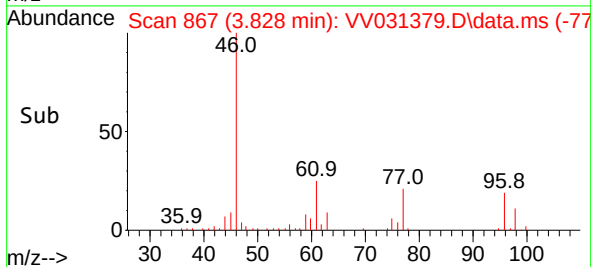
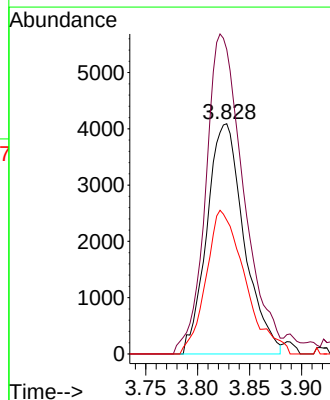
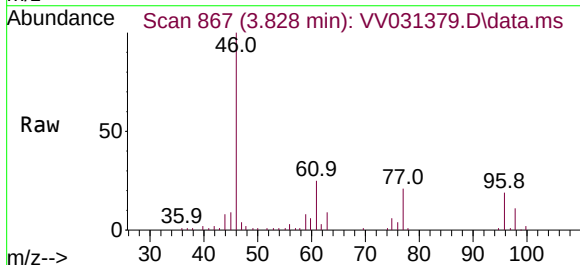
Instrument :
MSVOA_V
ClientSampleId :
F6C38

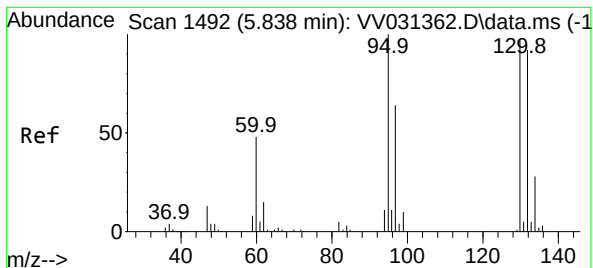
Tgt Ion: 73	Resp: 8853
Ion Ratio	Lower Upper
73 100	
43 26.2	17.8 26.8
57 24.5	19.8 29.8



#22
cis-1,2-Dichloroethene
Concen: 1.204 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.009 min
Lab File: VV031379.D
Acq: 06 Jun 2023 16:40

Tgt Ion: 96	Resp: 10176
Ion Ratio	Lower Upper
96 100	
61 132.3	100.8 187.2
98 58.1	45.1 83.9





#34

Trichloroethene

Concen: 0.716 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV031379.D

Acq: 06 Jun 2023 16:40

Instrument :

MSVOA_V

ClientSampleId :

F6C38

Tgt Ion: 95 Resp: 7146

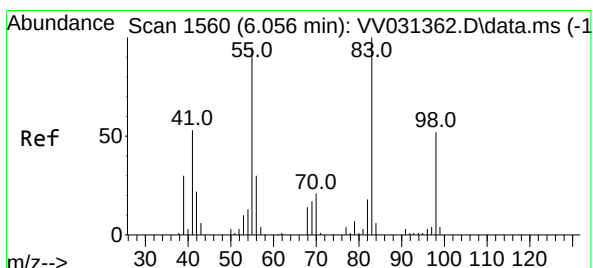
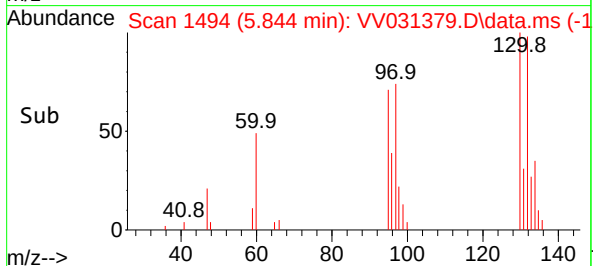
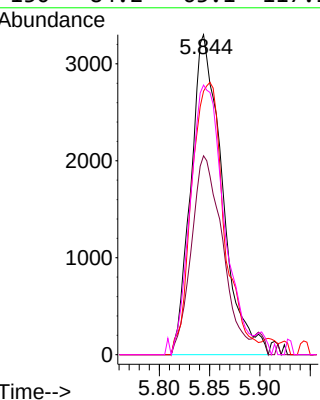
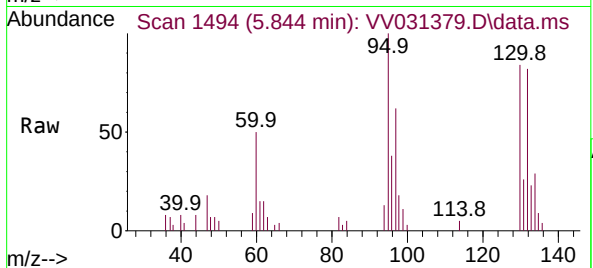
Ion Ratio Lower Upper

95 100

97 62.2 46.1 85.5

132 82.4 64.5 119.9

130 84.2 63.1 117.1



#35

Methylcyclohexane

Concen: 0.825 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV031379.D

Acq: 06 Jun 2023 16:40

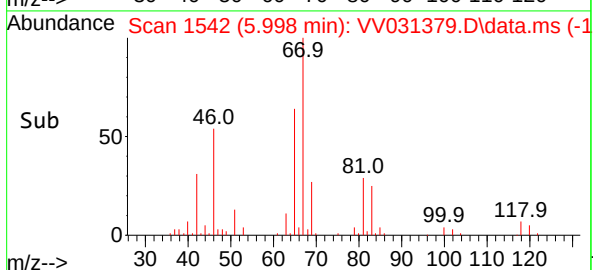
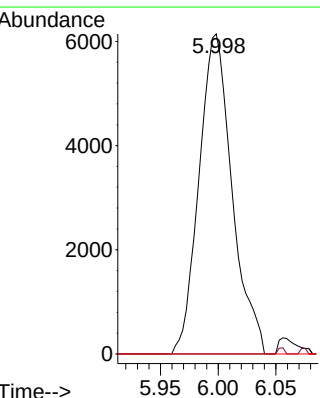
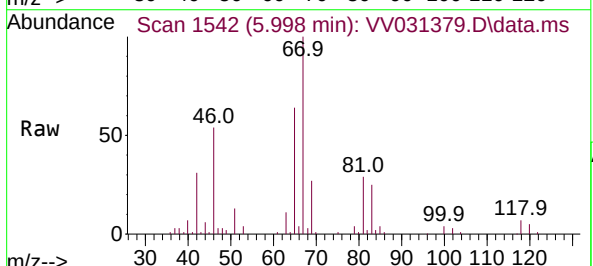
Tgt Ion: 83 Resp: 12258

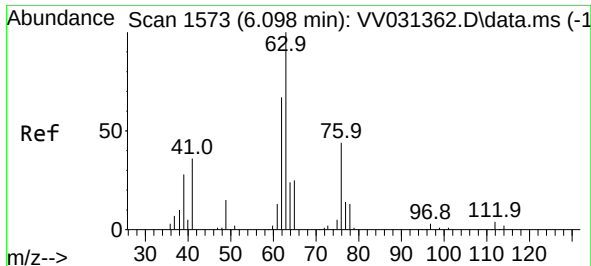
Ion Ratio Lower Upper

83 100

55 0.4 74.6 112.0#

98 0.0 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV031379.D

Acq: 06 Jun 2023 16:40

Instrument :

MSVOA_V

ClientSampleId :

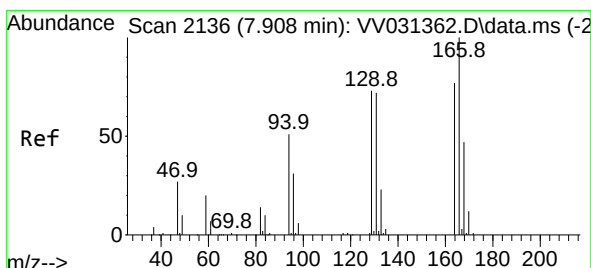
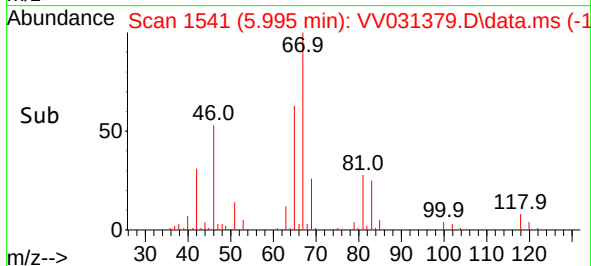
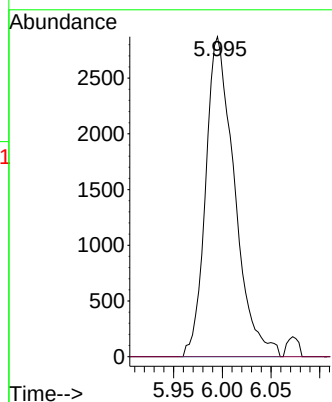
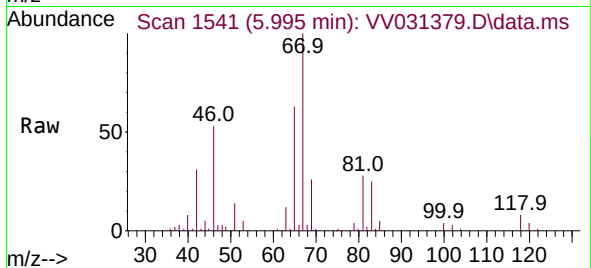
F6C38

Tgt Ion: 63 Resp: 5899

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#47

Tetrachloroethene

Concen: 5.497 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031379.D

Acq: 06 Jun 2023 16:40

Tgt Ion:164 Resp: 42774

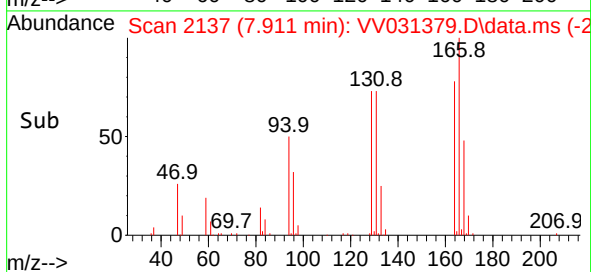
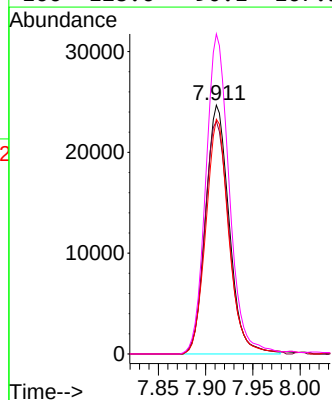
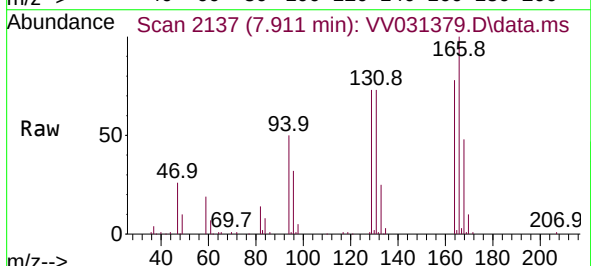
Ion Ratio Lower Upper

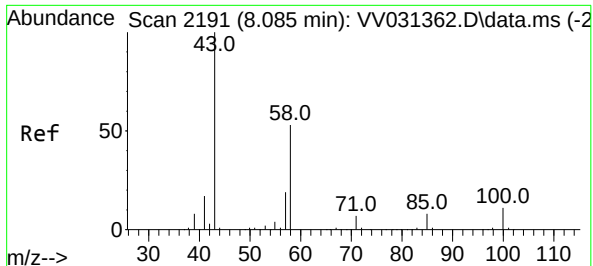
164 100

129 93.5 66.0 122.6

131 94.4 65.3 121.3

166 128.6 90.1 167.3

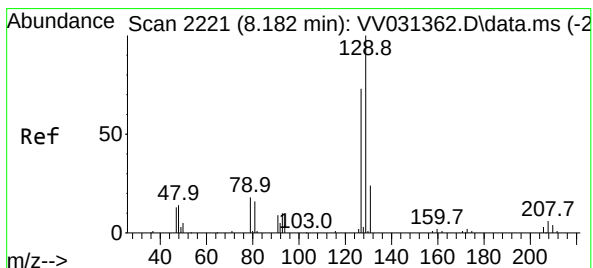
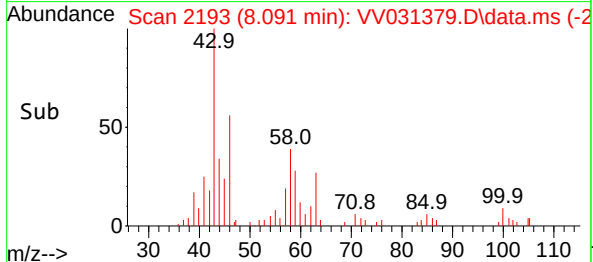
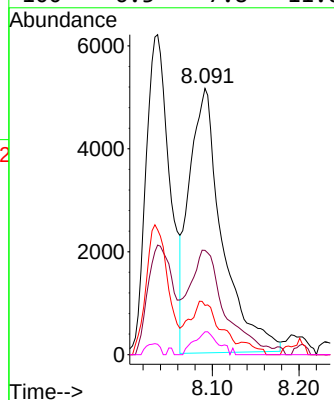
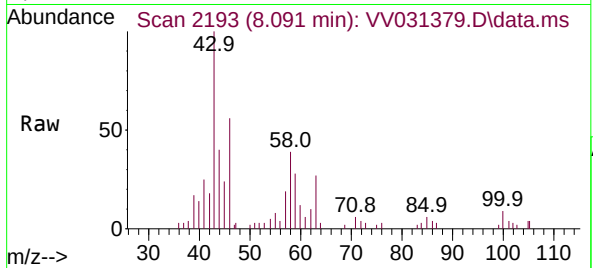




#48
2-Hexanone
Concen: 2.693 ug/L
RT: 8.091 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VV031379.D
Acq: 06 Jun 2023 16:40

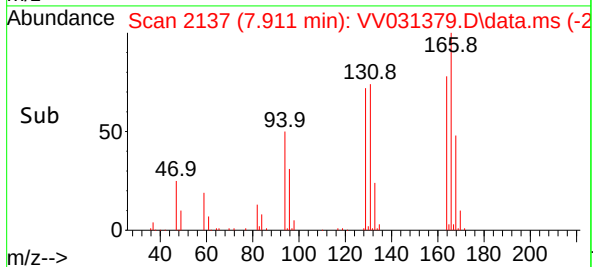
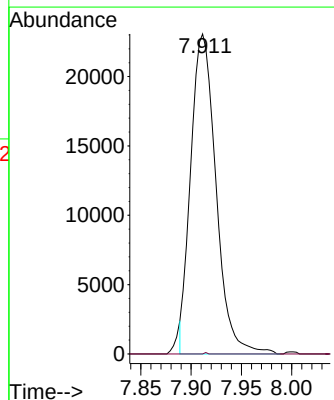
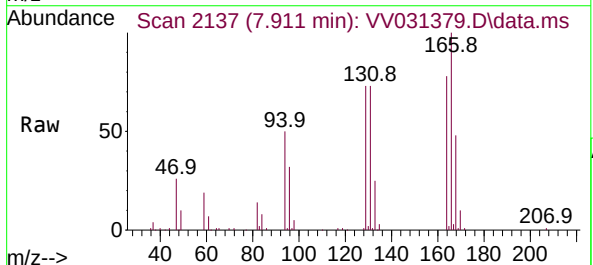
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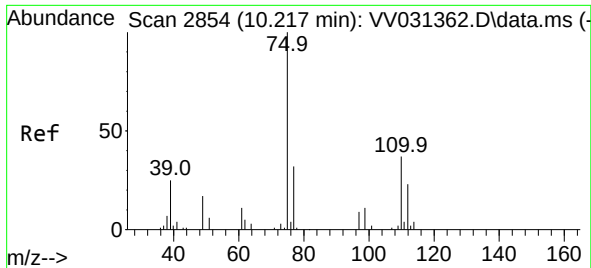
Tgt Ion: 43	Resp: 13655
Ion Ratio	Lower Upper
43 100	
58 42.7	41.1 61.7
57 19.0	14.4 21.6
100 6.3	7.8 11.6



#49
Dibromochloromethane
Concen: 4.883 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.270 min
Lab File: VV031379.D
Acq: 06 Jun 2023 16:40

Tgt Ion: 129	Resp: 40277
Ion Ratio	Lower Upper
129 100	
127 0.0	55.0 102.2





#61
 1,2,3-Trichloropropane
 Concen: 0.906 ug/L
 RT: 11.191 min Scan# 3157
 Delta R.T. 0.974 min
 Lab File: VV031379.D
 Acq: 06 Jun 2023 16:40

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C38

Tgt Ion: 75 Resp: 5295
 Ion Ratio Lower Upper
 75 100
 77 41.3 27.3 40.9#
 110 2.8 29.4 44.0#

