

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051523\
 Data File : VW031038.D
 Acq On : 15 May 2023 20:11
 Operator : SY/MD
 Sample : 02768-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 00:46:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 16 00:40:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

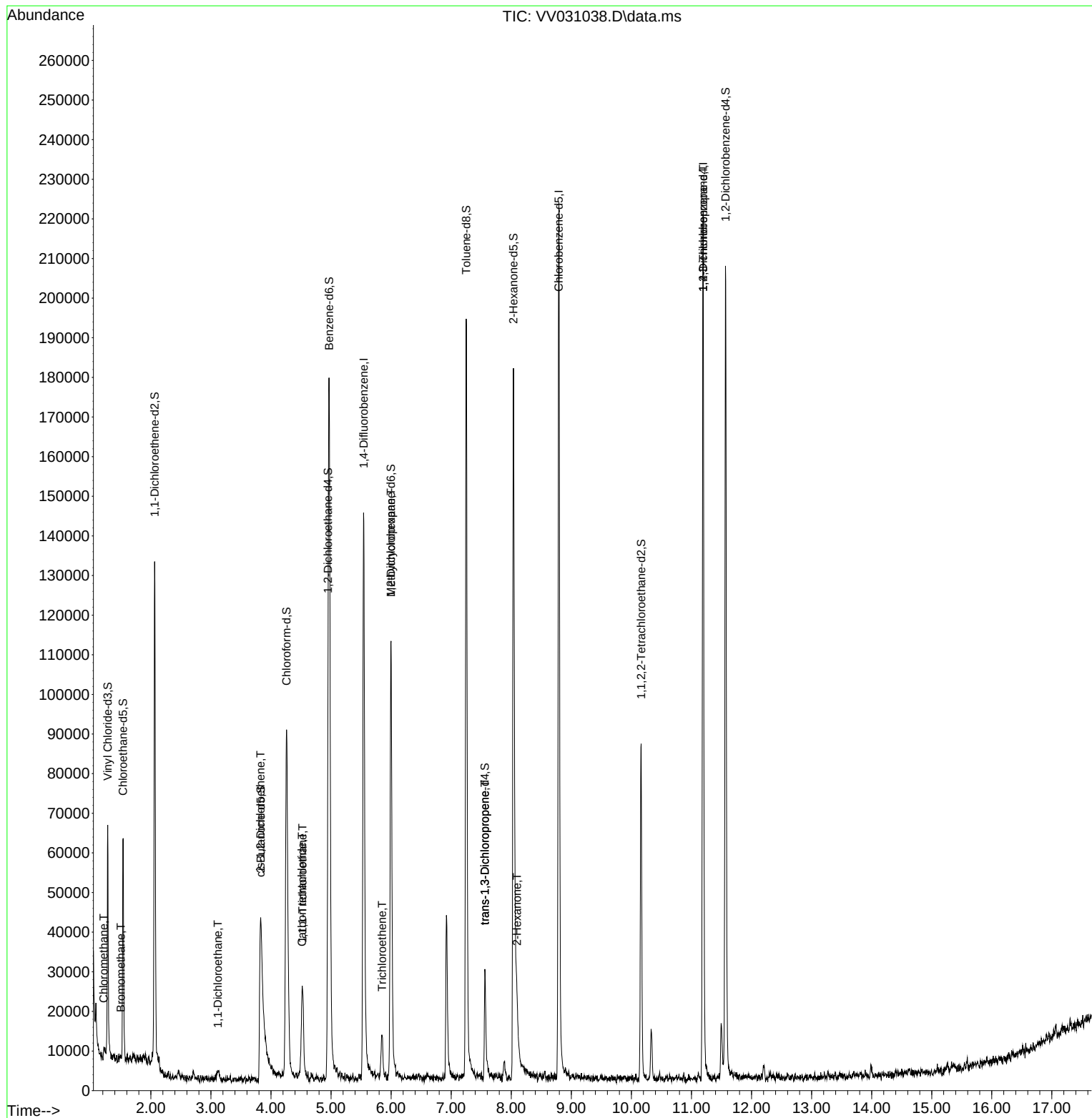
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	122277	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	121114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62770	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37803	3.752	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.536	69	37594	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.063	65	21694	4.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.828	46	91031	50.955	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.920%
24) Chloroform-d	4.259	84	90669	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.950	65	51017	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	4.969	84	154367	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.998	67	45349	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.249	98	129517	3.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.561	79	15847	4.095	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.037	63	64823	47.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36642	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	53420	4.565	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
3) Chloromethane	1.217	50	1311	0.116	ug/L	87
6) Bromomethane	1.500	94	452	0.100	ug/L	73
19) 1,1-Dichloroethane	3.117	63	2321	0.160	ug/L #	77
22) cis-1,2-Dichloroethene	3.825	96	2852	0.360	ug/L	86
29) 1,1,1-Trichloroethane	4.523	97	18957	1.246	ug/L	98
31) Carbon tetrachloride	4.516	117	1252	0.092	ug/L #	1
34) Trichloroethene	5.850	95	3823	0.471	ug/L	93
35) Methylcyclohexane	5.998	83	13080	1.039	ug/L #	18
44) trans-1,3-Dichloropropene	7.561	75	852	0.092	ug/L #	46
48) 2-Hexanone	8.095	43	8473	2.951	ug/L #	91
61) 1,2,3-Trichloropropane	11.194	75	6498	1.648	ug/L #	62

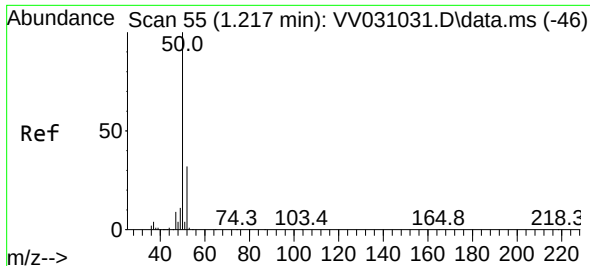
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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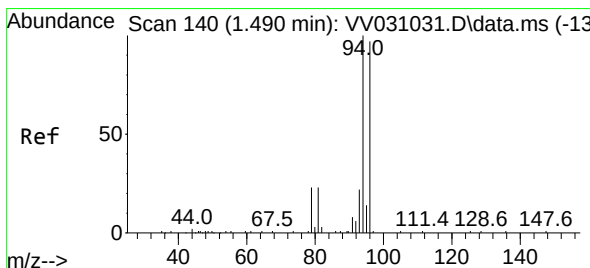
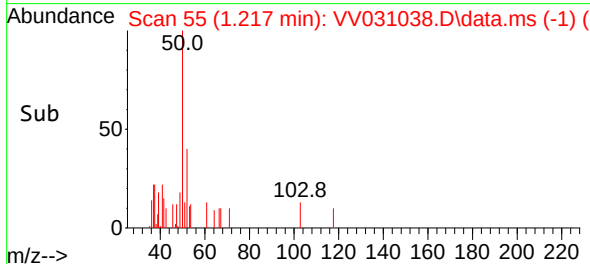
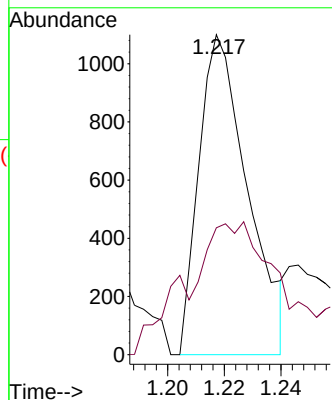
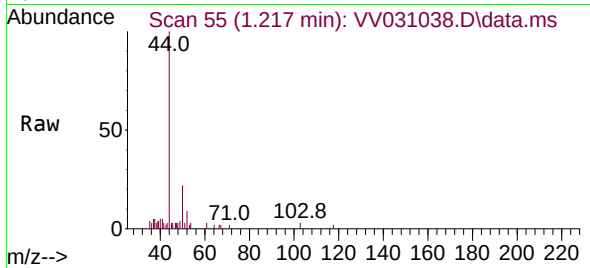




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031038.D
Acq: 15 May 2023 20:11

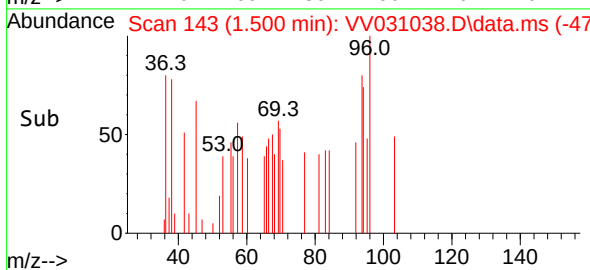
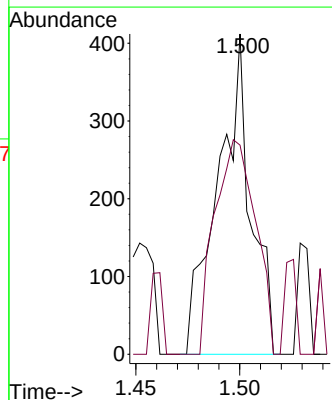
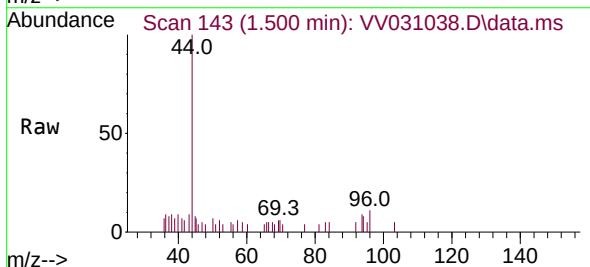
Instrument :
MSVOA_V
ClientSampleId :

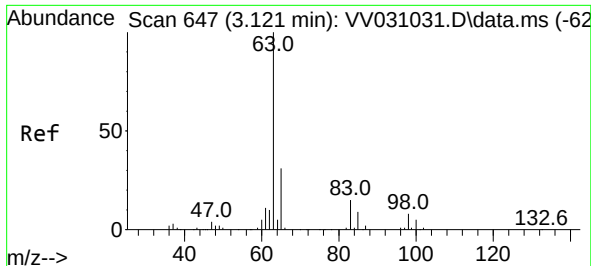
Tgt Ion: 50 Resp: 1311
Ion Ratio Lower Upper
50 100
52 39.6 22.8 42.4



#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV031038.D
Acq: 15 May 2023 20:11

Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 65.3 63.4 117.8





#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.117 min Scan# 647

Delta R.T. -0.003 min

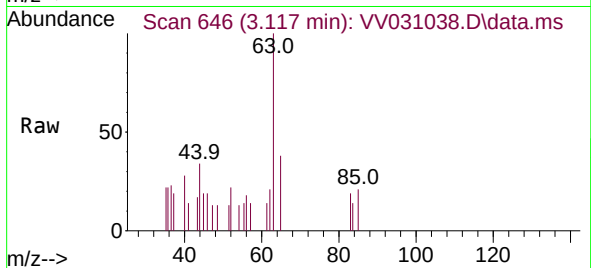
Lab File: VV031038.D

Acq: 15 May 2023 20:11

Instrument :

MSVOA_V

ClientSampleId :



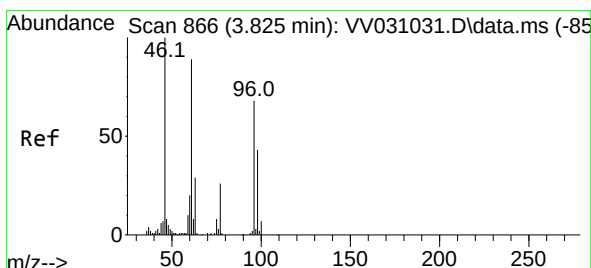
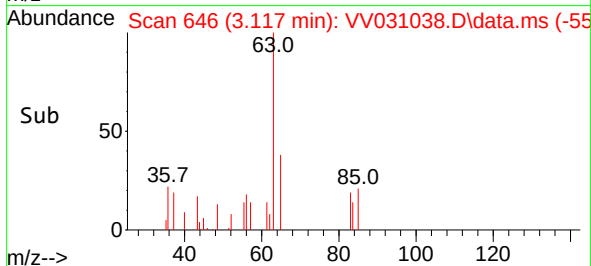
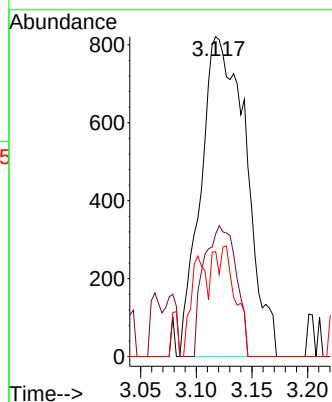
Tgt Ion: 63 Resp: 2321

Ion Ratio Lower Upper

63 100

65 38.4 21.8 40.6

83 32.8 10.2 19.0#



#22

cis-1,2-Dichloroethene

Concen: 0.360 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.000 min

Lab File: VV031038.D

Acq: 15 May 2023 20:11

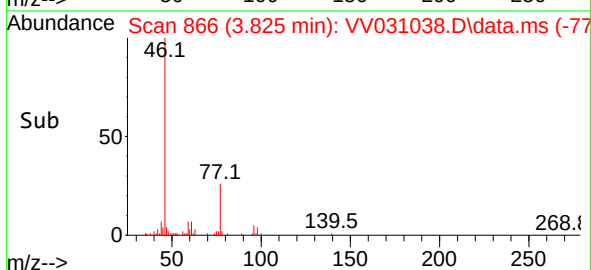
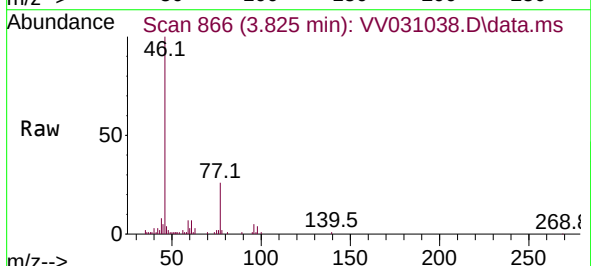
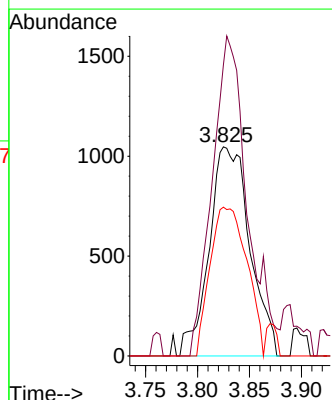
Tgt Ion: 96 Resp: 2852

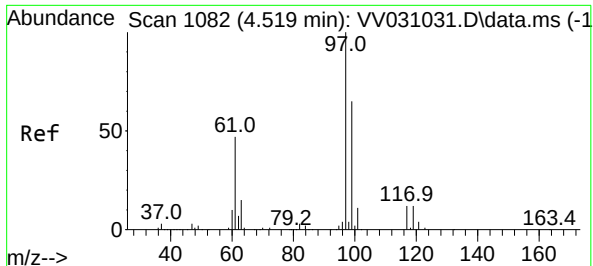
Ion Ratio Lower Upper

96 100

61 139.2 86.0 159.6

98 71.2 43.2 80.2





#29

1,1,1-Trichloroethane

Concen: 1.246 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV031038.D

Acq: 15 May 2023 20:11

Instrument :

MSVOA_V

ClientSampleId :

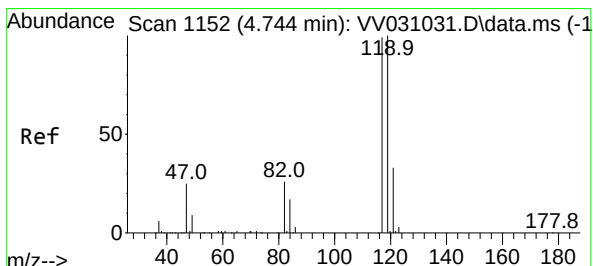
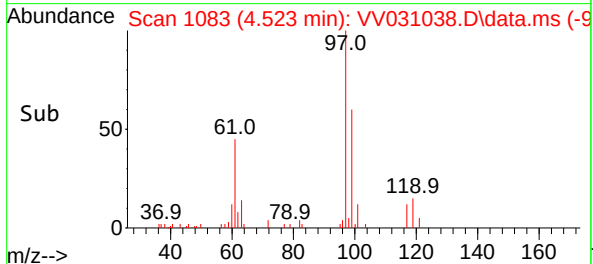
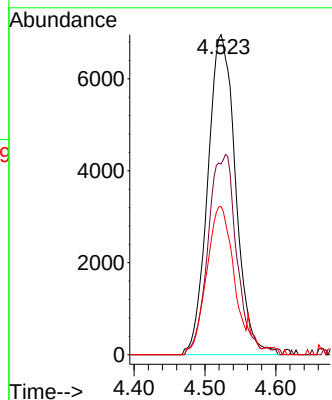
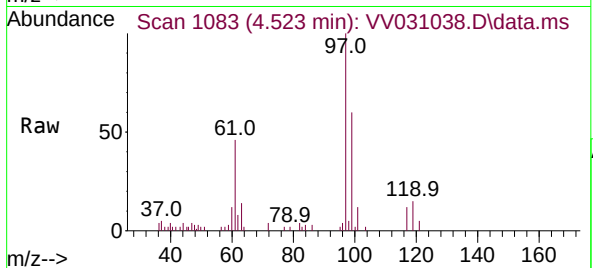
Tgt Ion: 97 Resp: 18957

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

61 44.3 37.4 56.0



#31

Carbon tetrachloride

Concen: 0.092 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.228 min

Lab File: VV031038.D

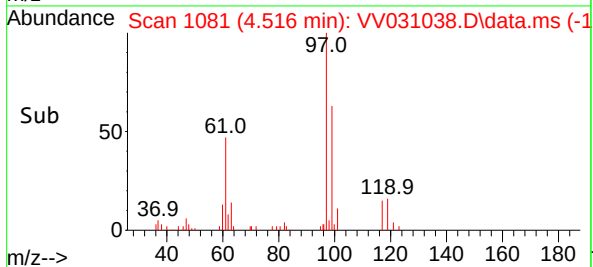
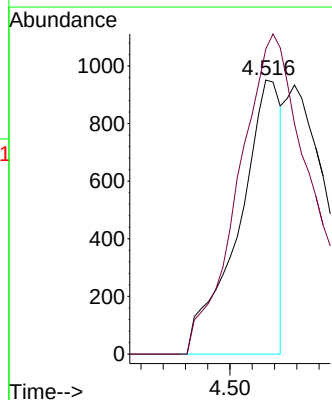
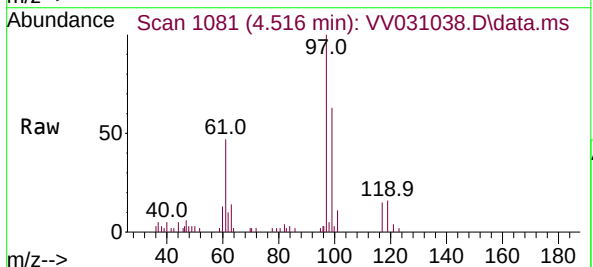
Acq: 15 May 2023 20:11

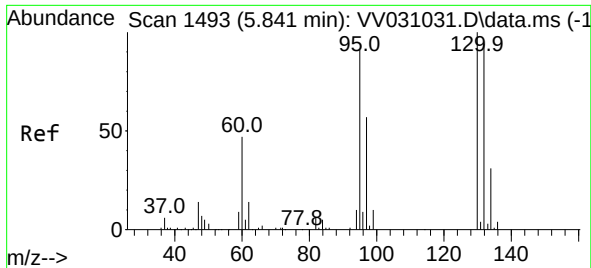
Tgt Ion: 117 Resp: 1252

Ion Ratio Lower Upper

117 100

119 201.2 78.4 117.6#





#34

Trichloroethene

Concen: 0.471 ug/L

RT: 5.850 min Scan# 1493

Delta R.T. 0.010 min

Lab File: VV031038.D

Acq: 15 May 2023 20:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 3823

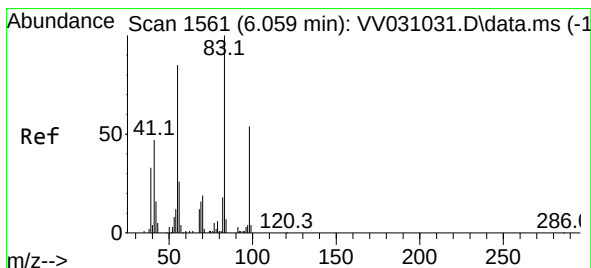
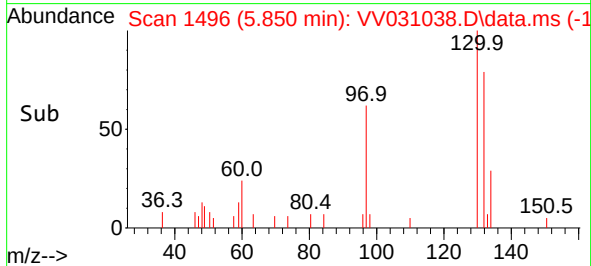
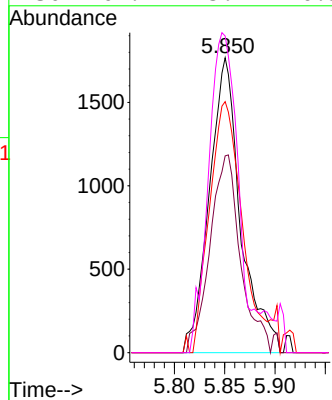
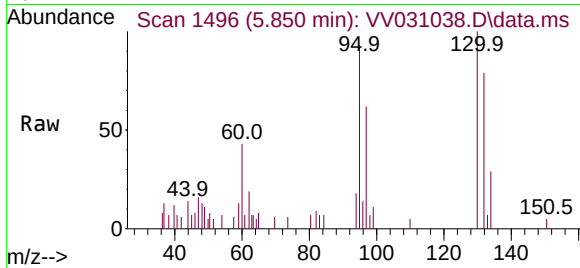
Ion Ratio Lower Upper

95 100

97 66.7 46.2 85.8

132 85.2 72.7 135.1

130 107.4 75.7 140.5



#35

Methylcyclohexane

Concen: 1.039 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV031038.D

Acq: 15 May 2023 20:11

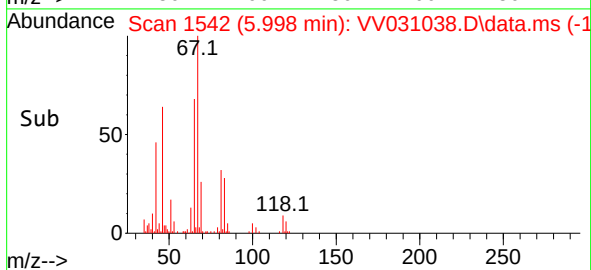
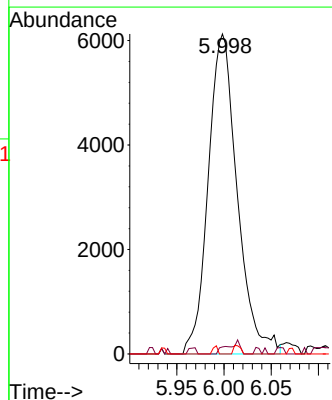
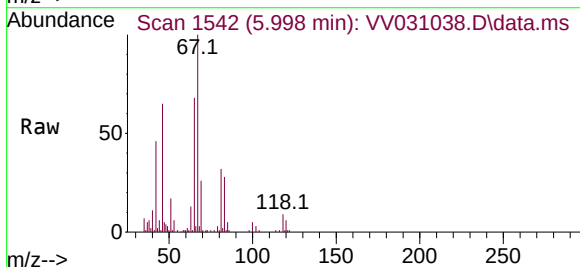
Tgt Ion: 83 Resp: 13080

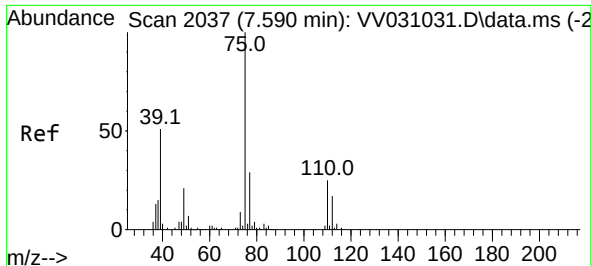
Ion Ratio Lower Upper

83 100

55 1.0 62.9 94.3#

98 0.4 40.5 60.7#

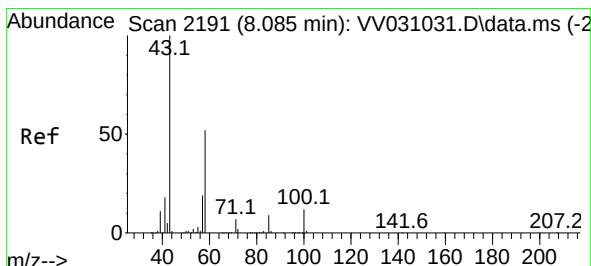
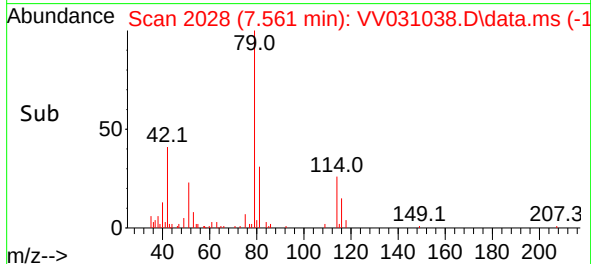
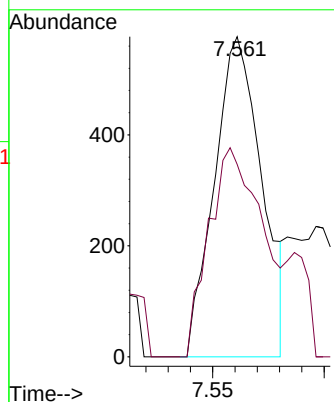
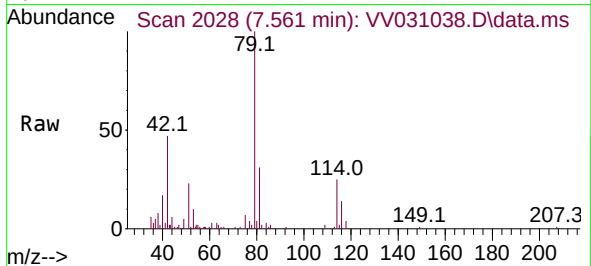




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.561 min Scan# 2037
Delta R.T. -0.029 min
Lab File: VV031038.D
Acq: 15 May 2023 20:11

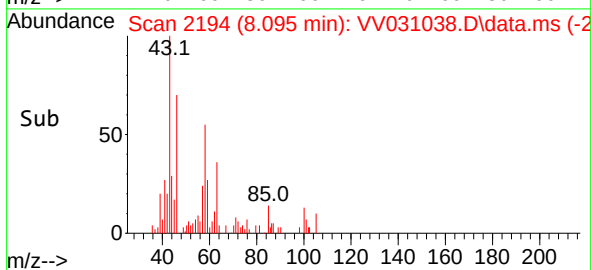
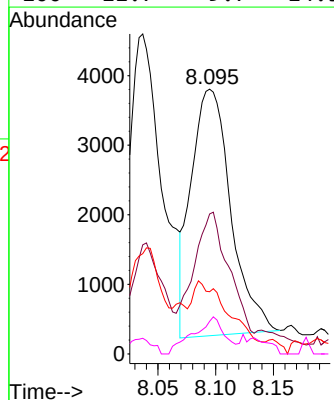
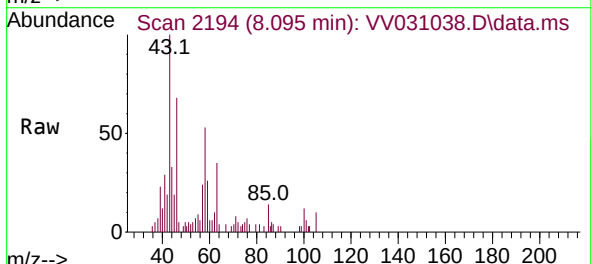
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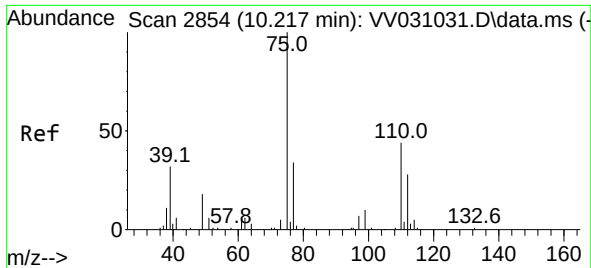
Tgt Ion: 75 Resp: 852
Ion Ratio Lower Upper
75 100
77 60.1 21.6 40.0#



#48
2-Hexanone
Concen: 2.951 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.010 min
Lab File: VV031038.D
Acq: 15 May 2023 20:11

Tgt Ion: 43 Resp: 8473
Ion Ratio Lower Upper
43 100
58 45.9 39.9 59.9
57 28.7 14.1 21.1#
100 11.7 9.7 14.5





#61

1,2,3-Trichloropropane

Concen: 1.648 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.977 min

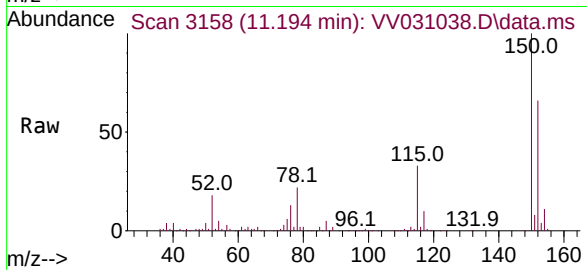
Lab File: VV031038.D

Acq: 15 May 2023 20:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6498

Ion Ratio Lower Upper

75 100

77 37.4 25.3 37.9

110 5.1 34.0 51.0#

