

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051723\
 Data File : VV031078.D
 Acq On : 17 May 2023 16:56
 Operator : SY/MD
 Sample : 02822-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONM5

Quant Time: May 18 02:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 18 02:47:29 2023
 Response via : Initial Calibration

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

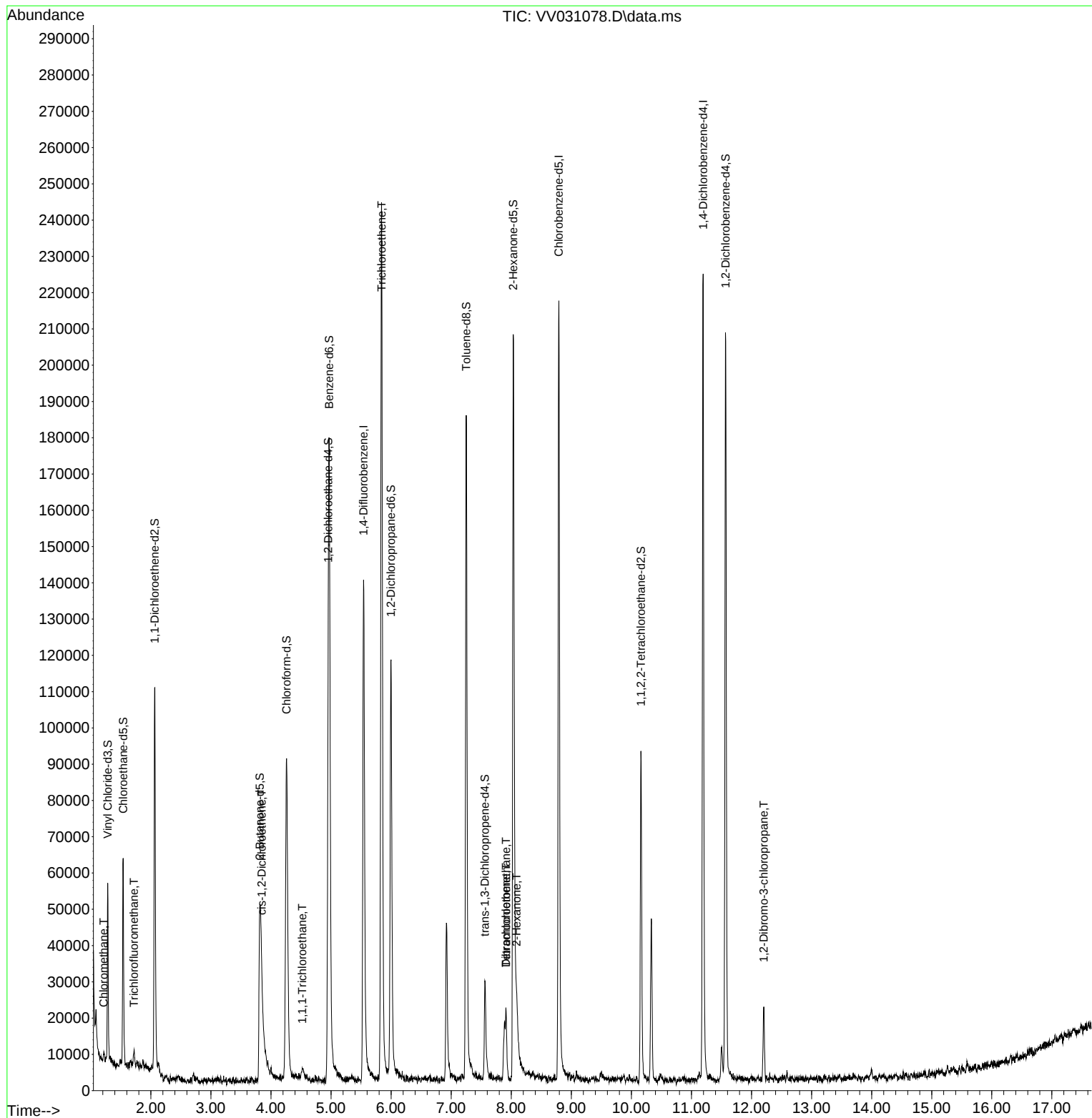
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117601	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	30782	3.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.539	69	33948	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.066	65	17064	3.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.815	46	103811	60.420	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.840%
24) Chloroform-d	4.259	84	93535	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.953	65	51648	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	4.969	84	151160	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.995	67	47536	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.249	98	125169	3.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.561	79	16381	4.320	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.034	63	73630	55.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.860%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	37584	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	53963	4.696	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1852	0.170	ug/L #	57
9) Trichlorofluoromethane	1.719	101	1473	0.087	ug/L	94
22) cis-1,2-Dichloroethene	3.844	96	996	0.131	ug/L	83
29) 1,1,1-Trichloroethane	4.519	97	1738	0.117	ug/L #	68
34) Trichloroethene	5.841	95	79575	10.000	ug/L	98
47) Tetrachloroethene	7.915	164	4196	0.553	ug/L	87
48) 2-Hexanone	8.088	43	8413	2.990	ug/L #	93
49) Dibromochloromethane	7.915	129	3099	0.469	ug/L #	10
68) 1,2-Dibromo-3-chloropr...	12.204	75	797	0.811	ug/L #	5

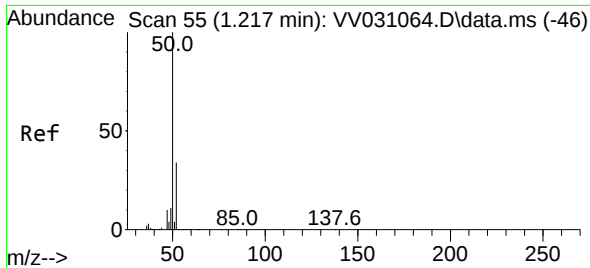
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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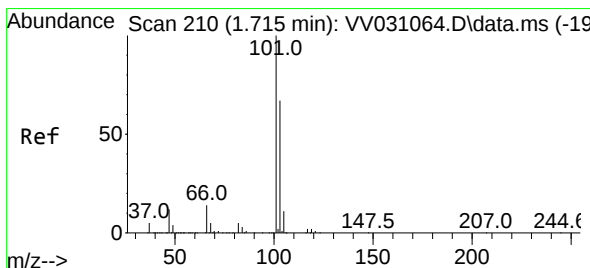
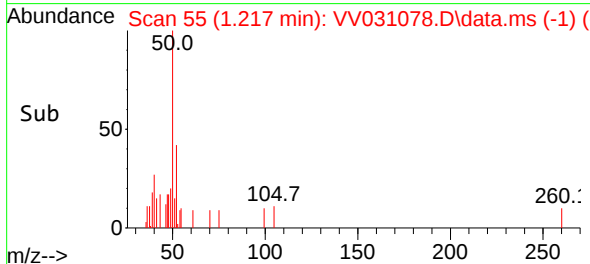
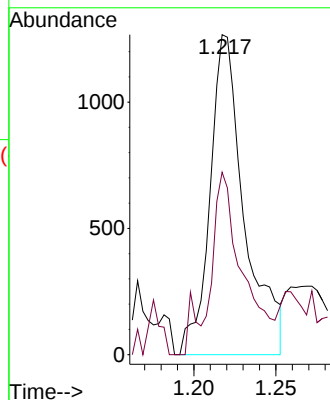
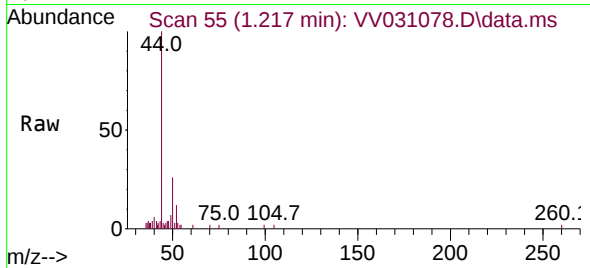




#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031078.D
Acq: 17 May 2023 16:56

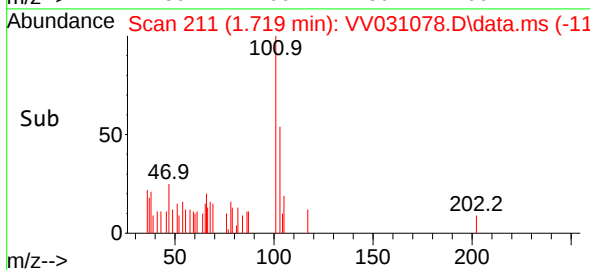
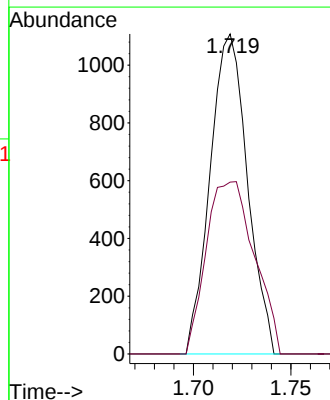
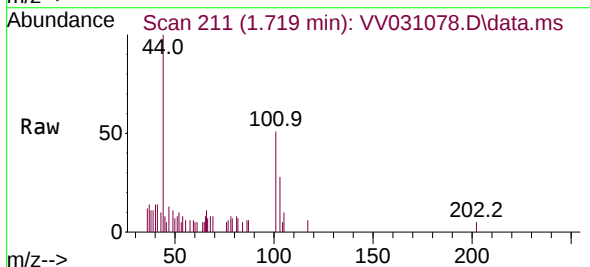
Instrument :
MSVOA_V
ClientSampleId :
CONM5

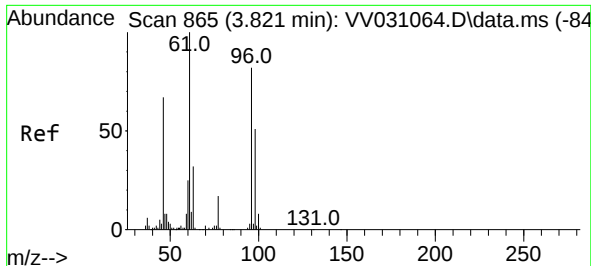
Tgt Ion: 50 Resp: 1852
Ion Ratio Lower Upper
50 100
52 57.0 22.8 42.4#



#9
Trichlorofluoromethane
Concen: 0.087 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV031078.D
Acq: 17 May 2023 16:56

Tgt Ion: 101 Resp: 1473
Ion Ratio Lower Upper
101 100
103 69.7 51.8 77.8

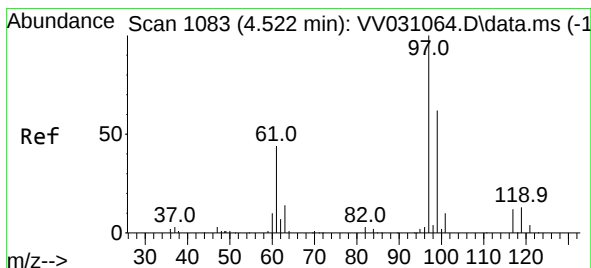
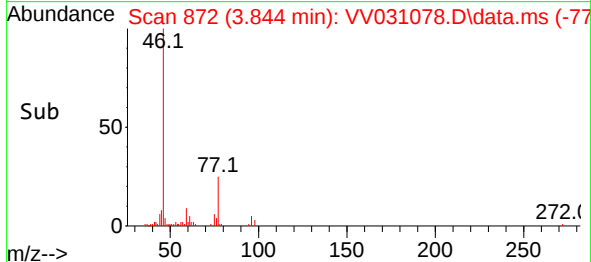
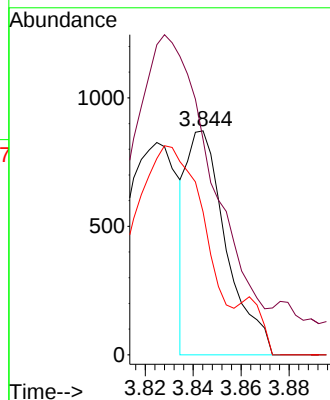
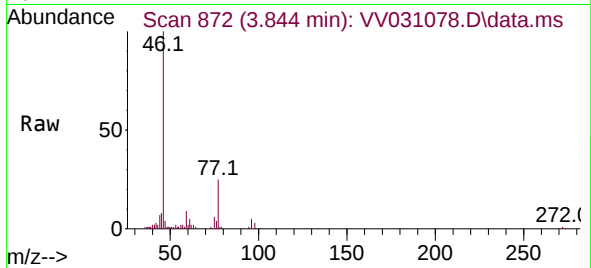




#22
 cis-1,2-Dichloroethene
 Concen: 0.131 ug/L
 RT: 3.844 min Scan# 81
 Delta R.T. 0.023 min
 Lab File: VV031078.D
 Acq: 17 May 2023 16:56

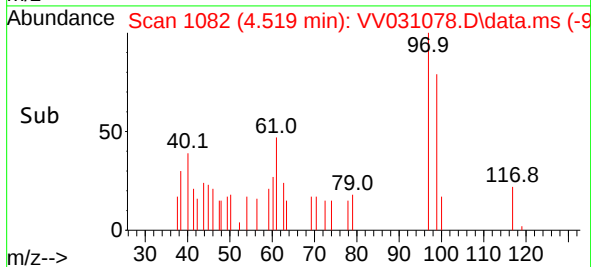
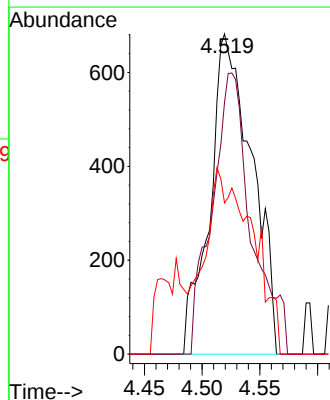
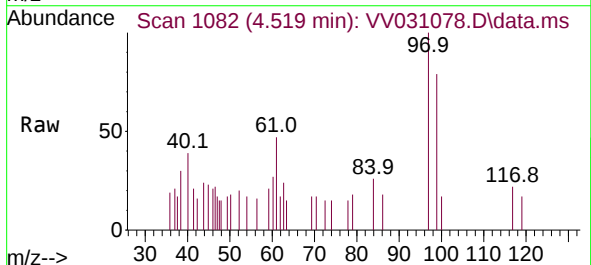
Instrument :
 MSVOA_V
 ClientSampleId :
 CONM5

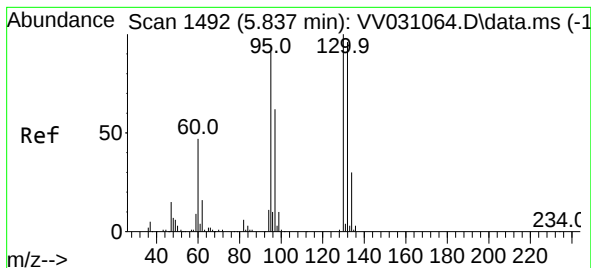
Tgt Ion: 96 Resp: 996
 Ion Ratio Lower Upper
 96 100
 61 96.1 86.0 159.6
 98 63.8 43.2 80.2



#29
 1,1,1-Trichloroethane
 Concen: 0.117 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. -0.003 min
 Lab File: VV031078.D
 Acq: 17 May 2023 16:56

Tgt Ion: 97 Resp: 1738
 Ion Ratio Lower Upper
 97 100
 99 82.0 51.4 77.2#
 61 16.5 37.4 56.0#





#34

Trichloroethene

Concen: 10.000 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV031078.D

Acq: 17 May 2023 16:56

Instrument :

MSVOA_V

ClientSampleId :

CONM5

Tgt Ion: 95 Resp: 79575

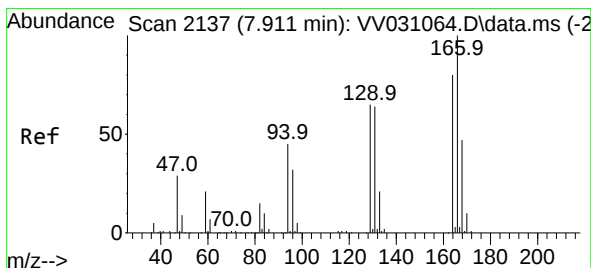
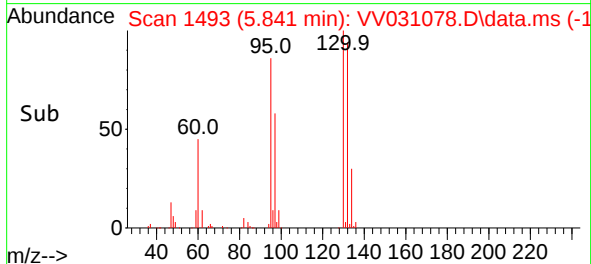
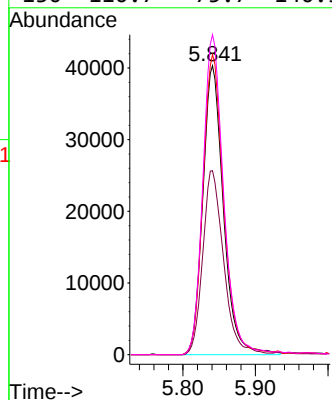
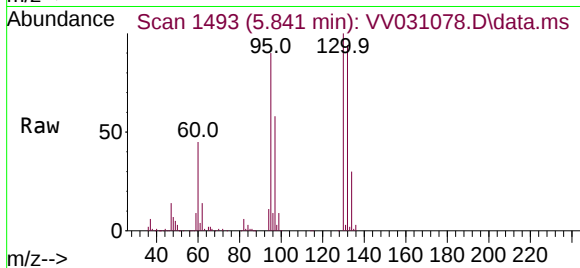
Ion Ratio Lower Upper

95 100

97 63.7 46.2 85.8

132 103.9 72.7 135.1

130 110.7 75.7 140.5



#47

Tetrachloroethene

Concen: 0.553 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031078.D

Acq: 17 May 2023 16:56

Tgt Ion: 164 Resp: 4196

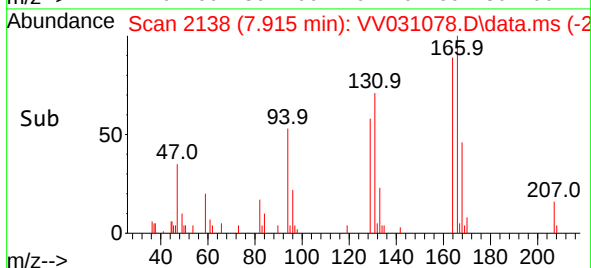
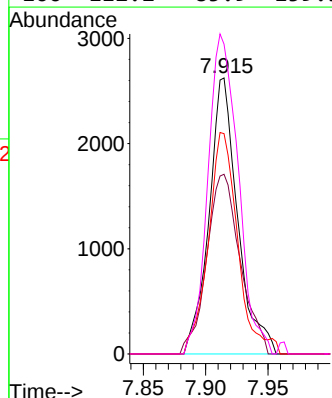
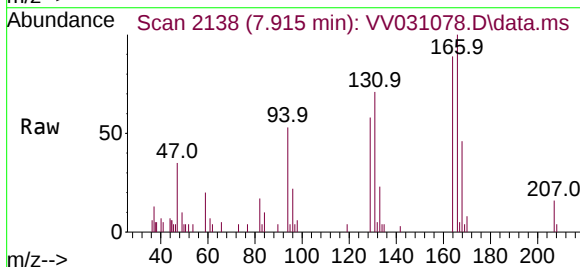
Ion Ratio Lower Upper

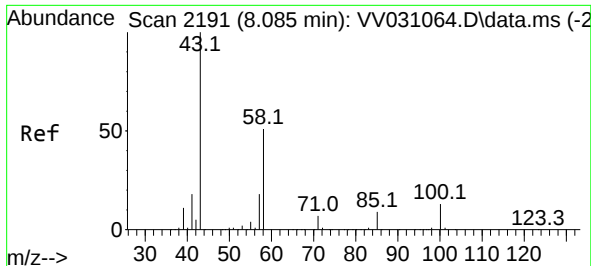
164 100

129 65.1 60.5 112.3

131 79.8 60.8 112.8

166 112.2 85.9 159.5





#48

2-Hexanone

Concen: 2.990 ug/L

RT: 8.088 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VV031078.D

Acq: 17 May 2023 16:56

Instrument :

MSVOA_V

ClientSampleId :

CONM5

Tgt Ion: 43 Resp: 8413

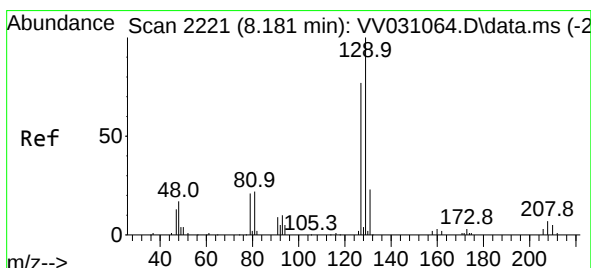
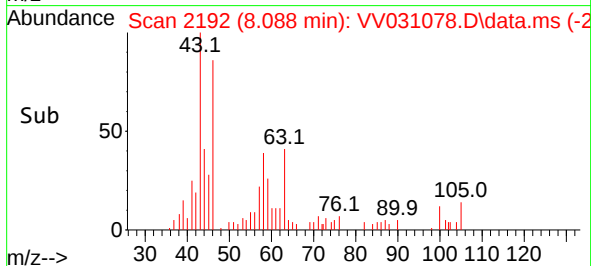
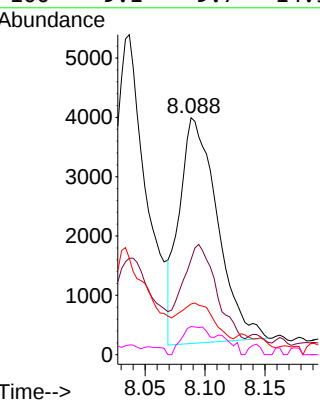
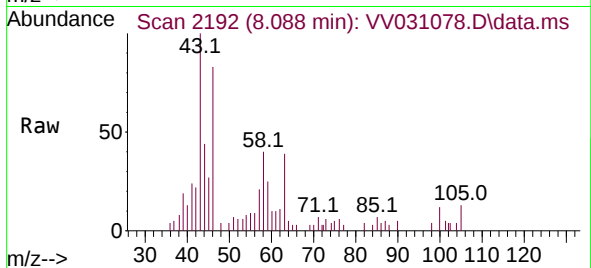
Ion Ratio Lower Upper

43 100

58 46.4 39.9 59.9

57 23.3 14.1 21.1#

100 9.1 9.7 14.5#



#49

Dibromochloromethane

Concen: 0.469 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.267 min

Lab File: VV031078.D

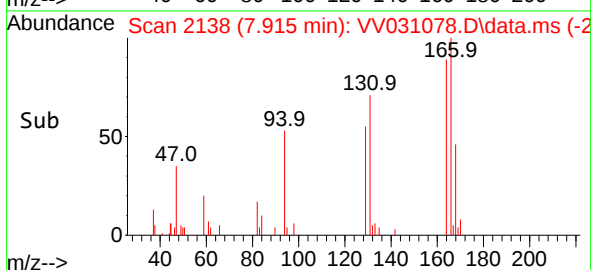
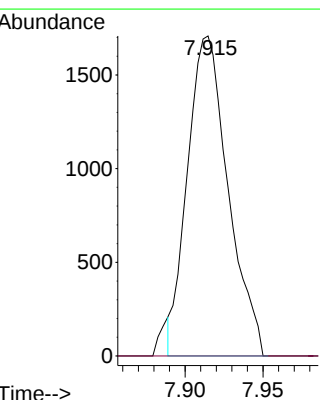
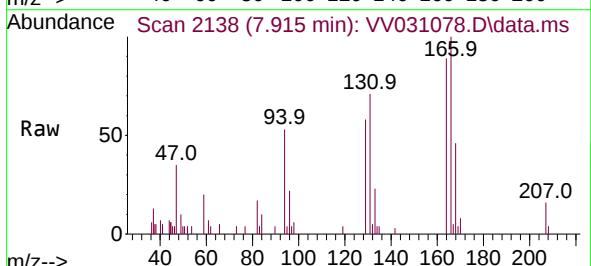
Acq: 17 May 2023 16:56

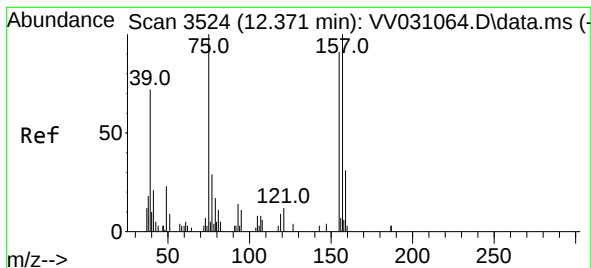
Tgt Ion: 129 Resp: 3099

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.811 ug/L

RT: 12.204 min Scan# 34

Delta R.T. -0.167 min

Lab File: VV031078.D

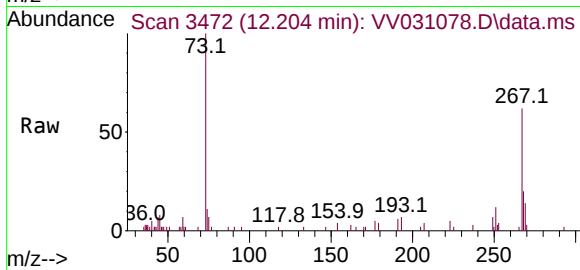
Acq: 17 May 2023 16:56

Instrument :

MSVOA_V

ClientSampleId :

CONM5



Tgt Ion: 75 Resp: 797

Ion Ratio Lower Upper

75 100

155 0.0 56.2 84.4#

157 0.0 83.1 124.7#

