

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041023\
 Data File : VW030480.D
 Acq On : 10 Apr 2023 20:15
 Operator : SY/MD
 Sample : 02250-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDY3

Quant Time: Apr 11 06:32:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	111537	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	111792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54169	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26846	3.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.539	69	30565	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.066	63	58374	3.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.818	46	88101	46.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.280%
24) Chloroform-d	4.262	84	83270	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.957	65	42072	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.973	84	141692	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.998	67	45690	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.252	98	117803	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.564	79	14230	3.832	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.037	63	65189	43.689	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33791	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	48053	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1674	0.094	ug/L	93
5) Vinyl chloride	1.285	62	890	0.068	ug/L #	1
6) Bromomethane	1.500	94	581	0.156	ug/L	82
12) 1,1-Dichloroethene	2.076	96	16815	1.804	ug/L #	70
13) Acetone	2.143	43	3565	1.953	ug/L	89
14) Carbon disulfide	2.249	76	3672	0.120	ug/L	99
19) 1,1-Dichloroethane	3.124	63	14545	0.764	ug/L	97
25) Chloroform	4.291	83	12833	0.667	ug/L	88
29) 1,1,1-Trichloroethane	4.526	97	16915	0.941	ug/L	99
31) Carbon tetrachloride	4.522	117	2080	0.128	ug/L	92
34) Trichloroethene	5.850	95	1587	0.148	ug/L	77
35) Methylcyclohexane	5.998	83	11868	0.706	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	5850	0.574	ug/L #	89
44) trans-1,3-Dichloropropene	7.558	75	988	0.081	ug/L	91
47) Tetrachloroethene	7.915	164	3198	0.338	ug/L	88
49) Dibromochloromethane	7.915	129	2658	0.311	ug/L #	12

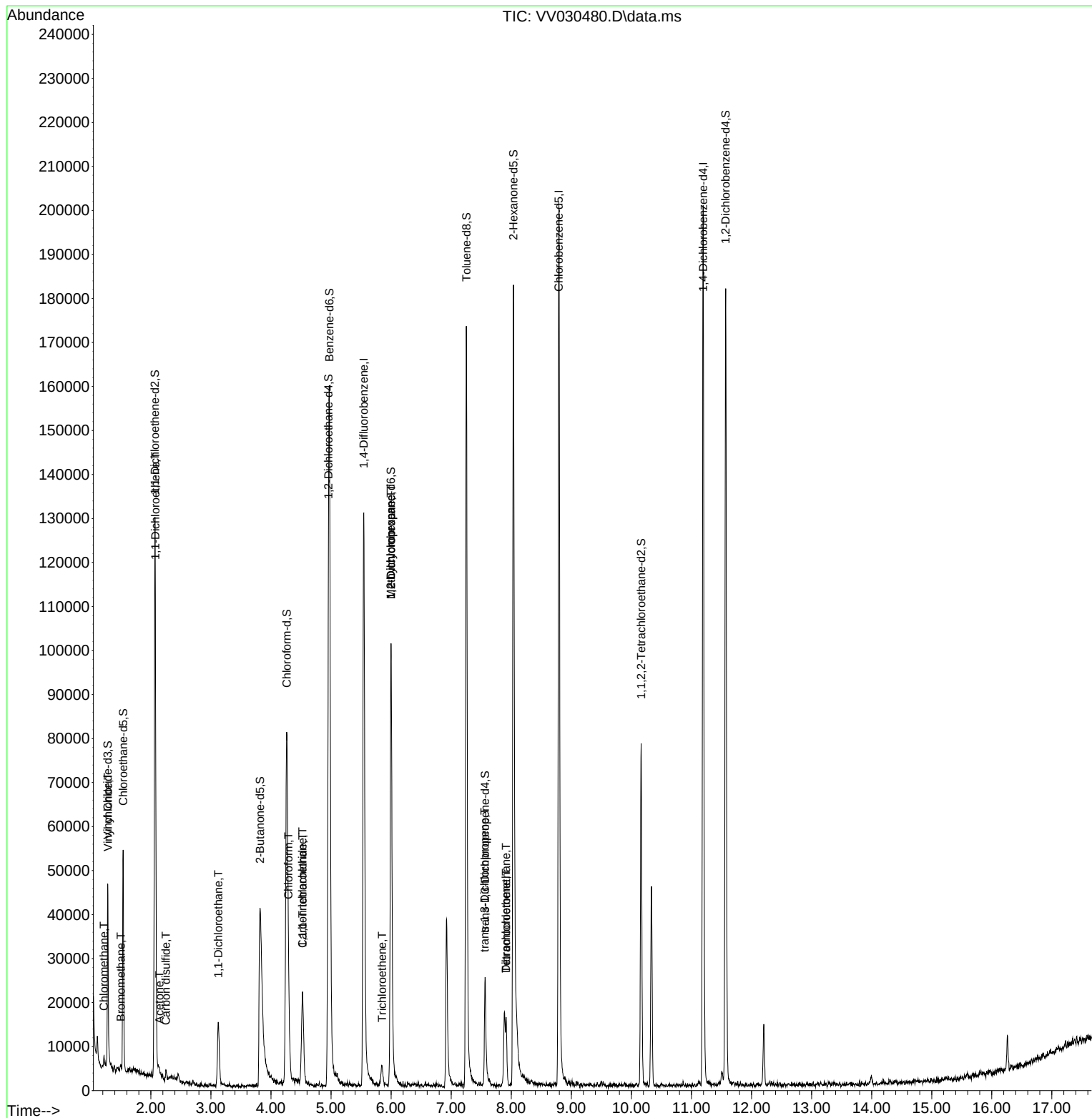
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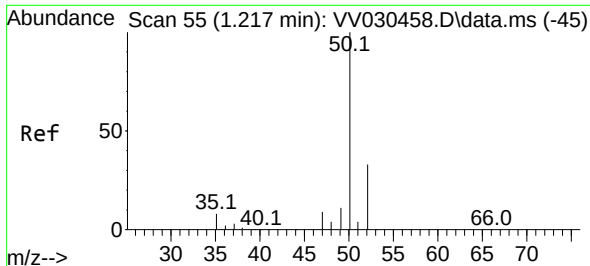
Instrument :
MSVOA_V
ClientSampleId :
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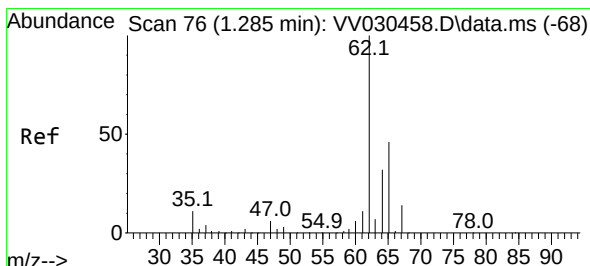
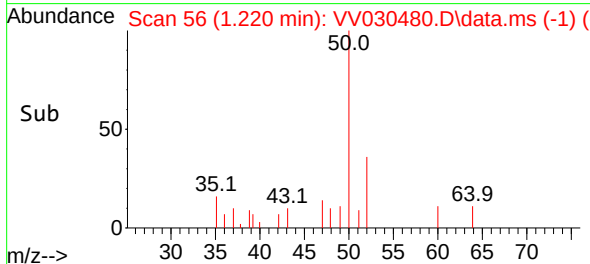
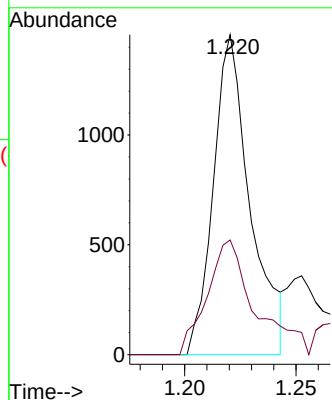
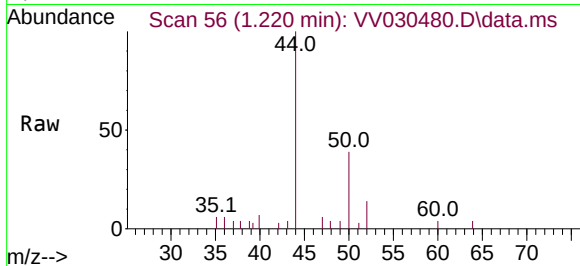




#3
Chloromethane
Concen: 0.094 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

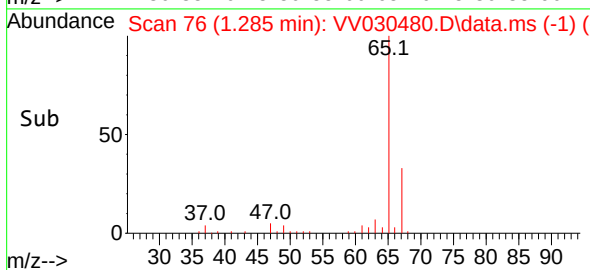
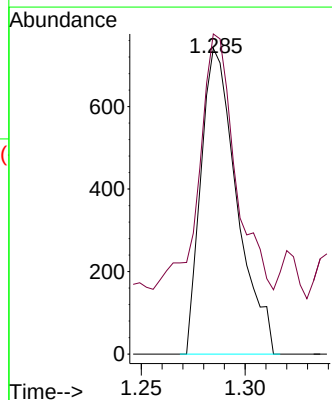
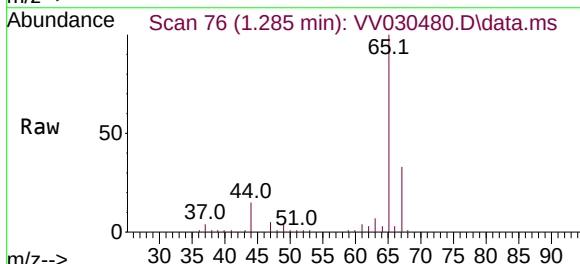
Instrument :
MSVOA_V
ClientSampleId :
BHDY3

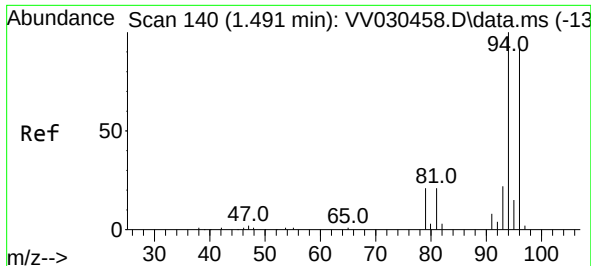
Tgt Ion: 50 Resp: 1674
Ion Ratio Lower Upper
50 100
52 35.8 22.3 41.5



#5
Vinyl chloride
Concen: 0.068 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

Tgt Ion: 62 Resp: 890
Ion Ratio Lower Upper
62 100
64 104.7 23.2 43.2#

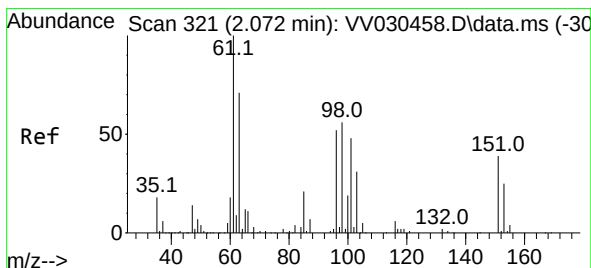
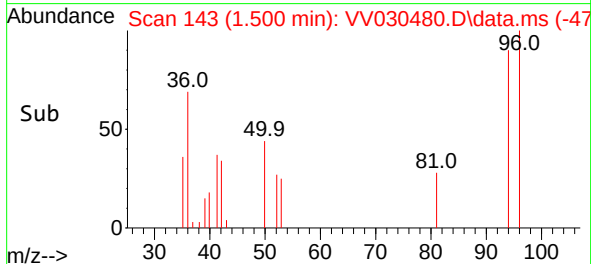
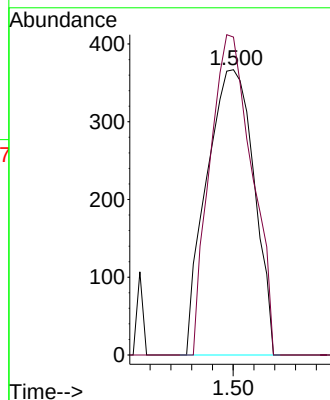
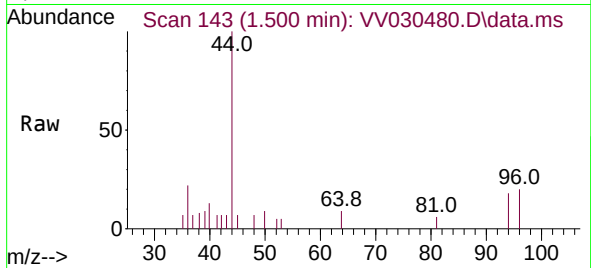




#6
Bromomethane
Concen: 0.156 ug/L
RT: 1.500 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

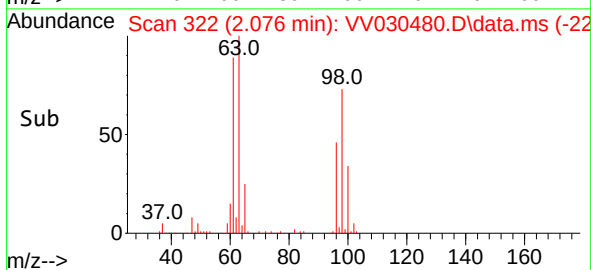
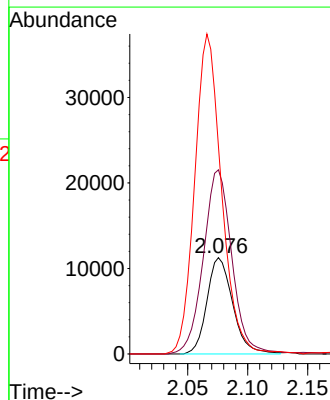
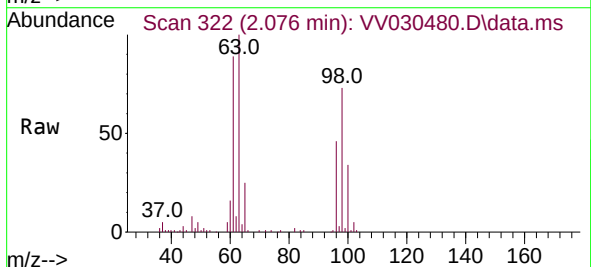
Instrument :
MSVOA_V
ClientSampleId :
BHDY3

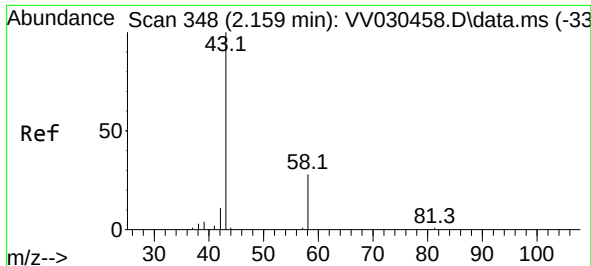
Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 111.4 66.1 122.7



#12
1,1-Dichloroethene
Concen: 1.804 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.003 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

Tgt Ion: 96 Resp: 16815
Ion Ratio Lower Upper
96 100
61 191.1 136.3 253.1
63 215.4 92.1 171.1#





#13

Acetone

Concen: 1.953 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV030480.D

Acq: 10 Apr 2023 20:15

Instrument :

MSVOA_V

ClientSampleId :

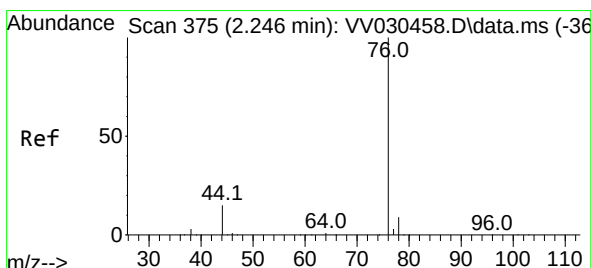
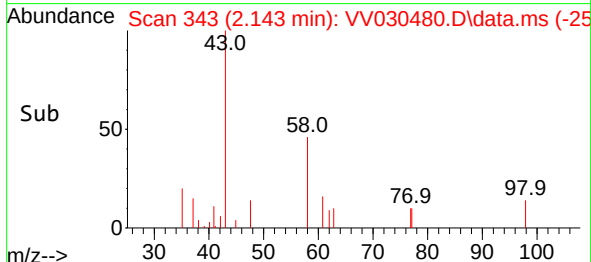
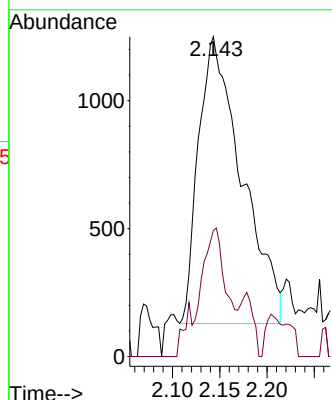
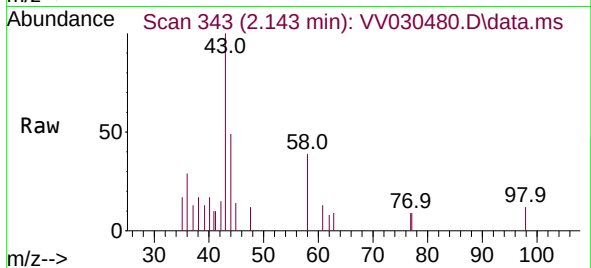
BHDY3

Tgt Ion: 43 Resp: 3565

Ion Ratio Lower Upper

43 100

58 25.4 0.0 40.8



#14

Carbon disulfide

Concen: 0.120 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030480.D

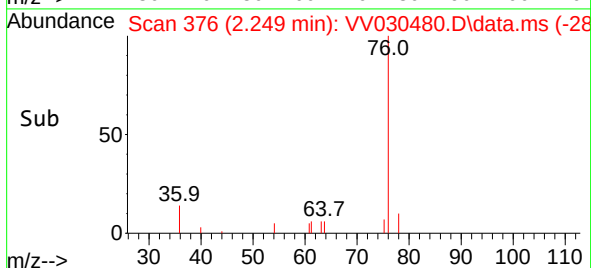
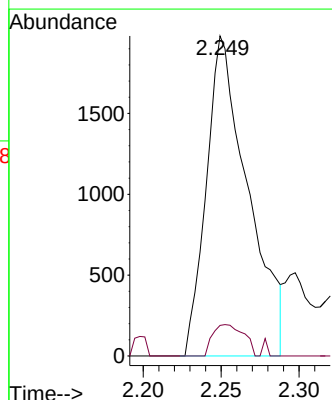
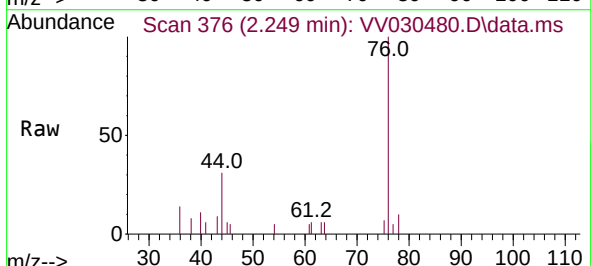
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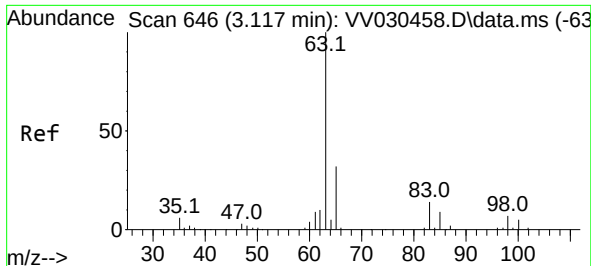
Tgt Ion: 76 Resp: 3672

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9





#19

1,1-Dichloroethane

Concen: 0.764 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV030480.D

Acq: 10 Apr 2023 20:15

Instrument :

MSVOA_V

ClientSampleId :

BHDY3

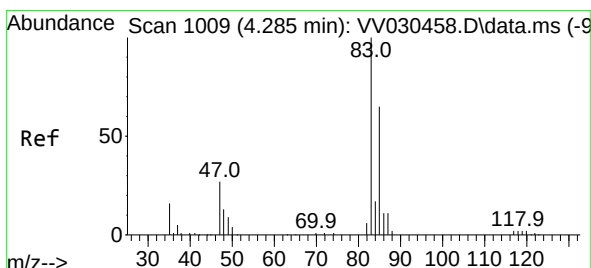
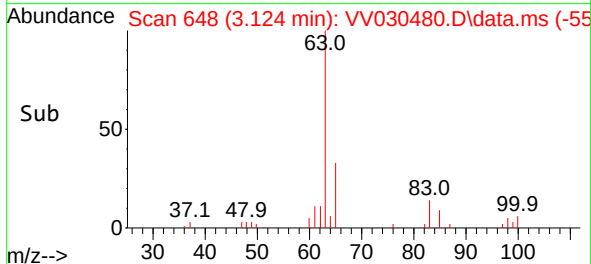
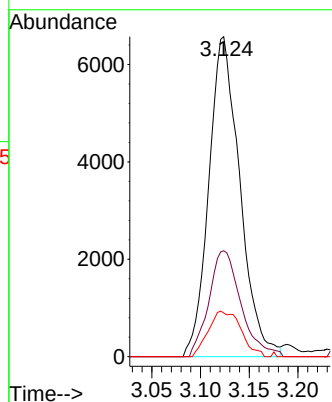
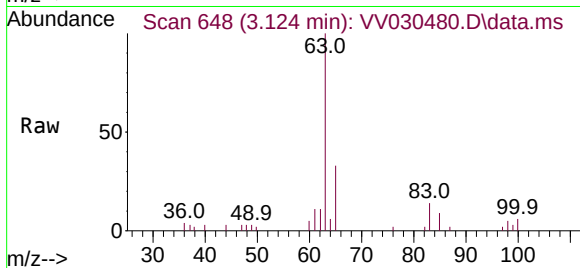
Tgt Ion: 63 Resp: 14545

Ion Ratio Lower Upper

63 100

65 33.1 21.7 40.3

83 13.7 9.1 16.9



#25

Chloroform

Concen: 0.667 ug/L

RT: 4.291 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VV030480.D

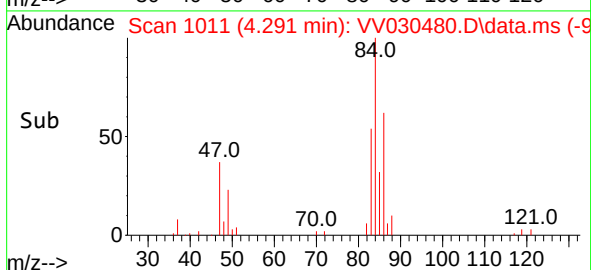
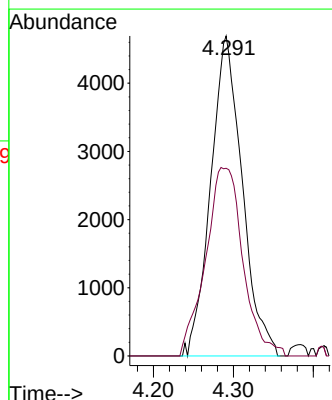
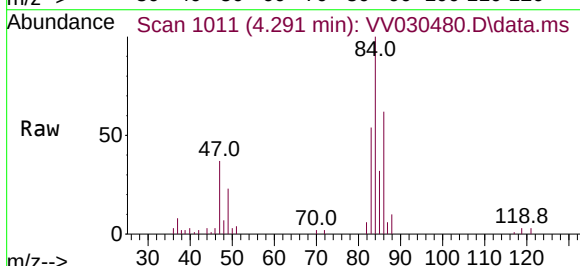
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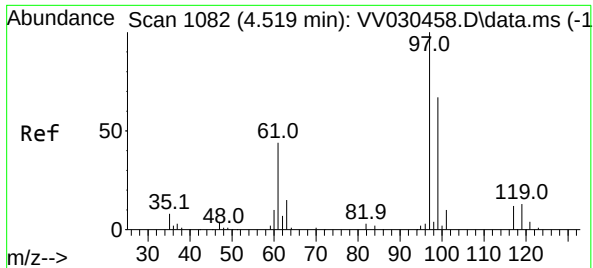
Tgt Ion: 83 Resp: 12833

Ion Ratio Lower Upper

83 100

85 58.6 47.6 88.4





#29

1,1,1-Trichloroethane

Concen: 0.941 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030480.D

Acq: 10 Apr 2023 20:15

Instrument :

MSVOA_V

ClientSampleId :

BHDY3

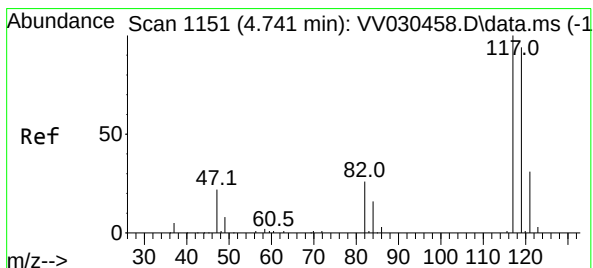
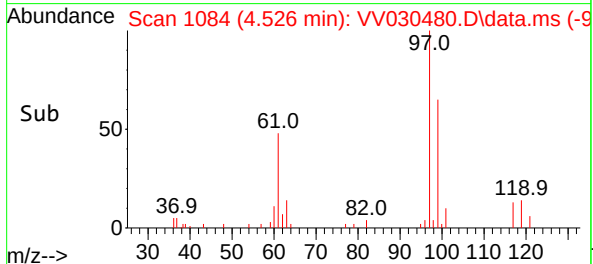
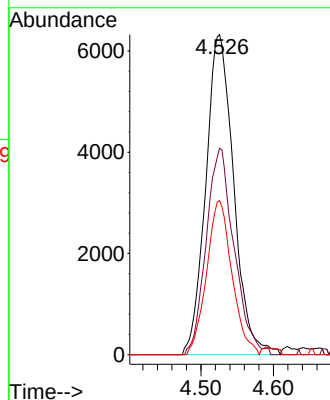
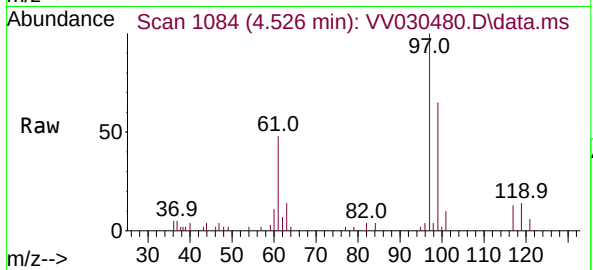
Tgt Ion: 97 Resp: 16915

Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 43.7 35.9 53.9



#31

Carbon tetrachloride

Concen: 0.128 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. -0.219 min

Lab File: VV030480.D

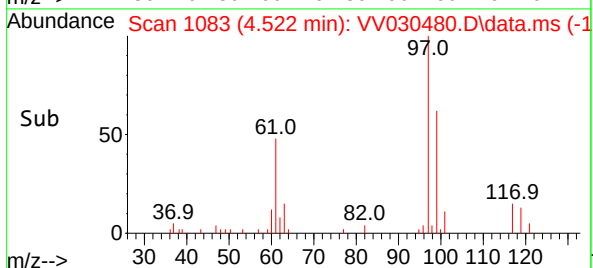
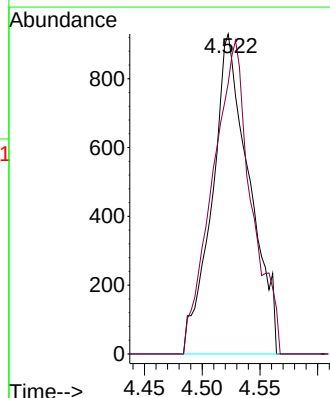
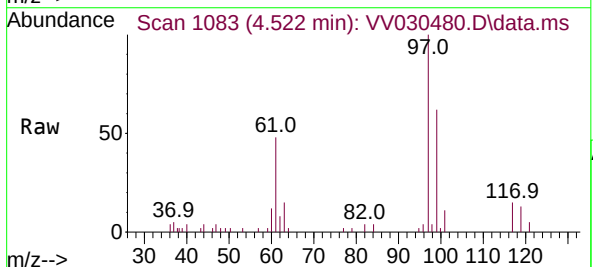
Acq: 10 Apr 2023 20:15

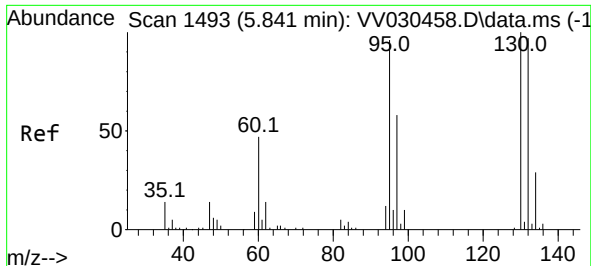
Tgt Ion: 117 Resp: 2080

Ion Ratio Lower Upper

117 100

119 102.7 76.2 114.4

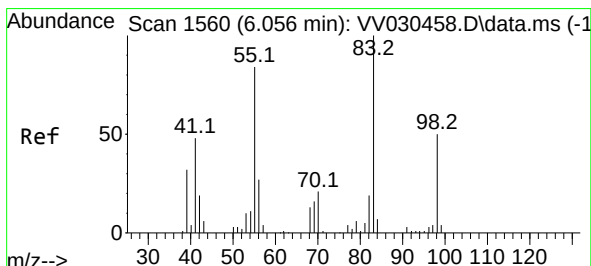
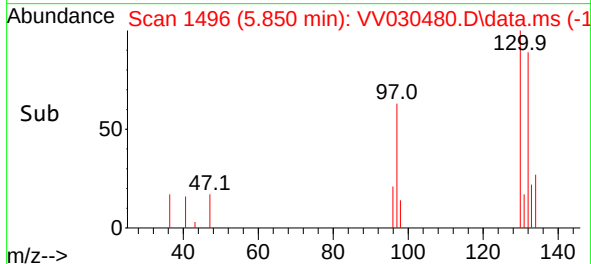
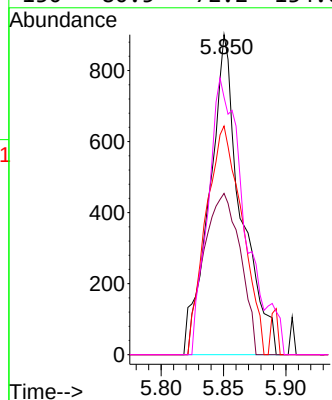
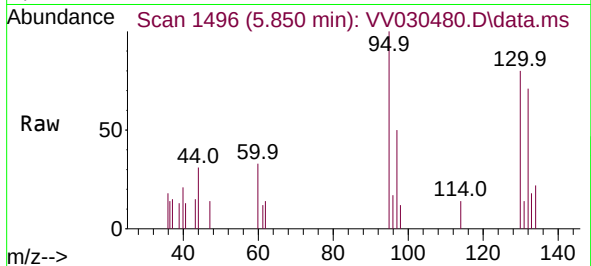




#34
Trichloroethene
Concen: 0.148 ug/L
RT: 5.850 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

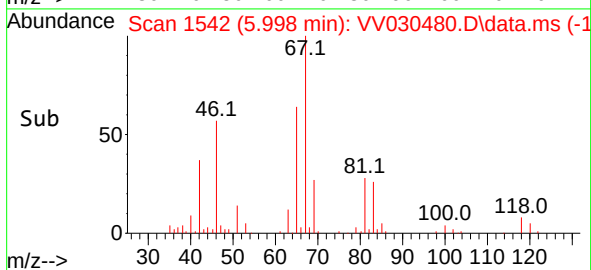
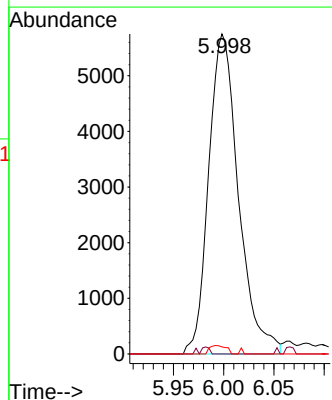
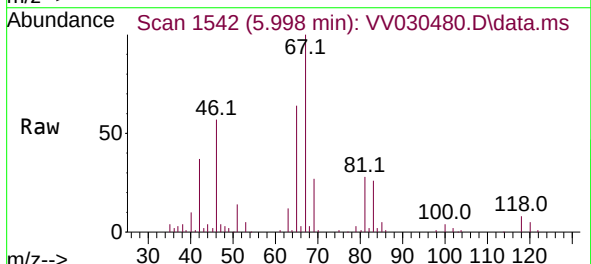
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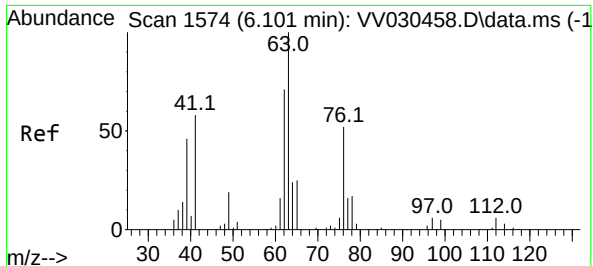
Tgt Ion: 95 Resp: 1587
Ion Ratio Lower Upper
95 100
97 50.4 44.2 82.2
132 71.5 69.5 129.1
130 80.5 72.2 134.0



#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

Tgt Ion: 83 Resp: 11868
Ion Ratio Lower Upper
83 100
55 0.7 66.6 100.0#
98 1.5 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030480.D

Acq: 10 Apr 2023 20:15

Instrument :

MSVOA_V

ClientSampleId :

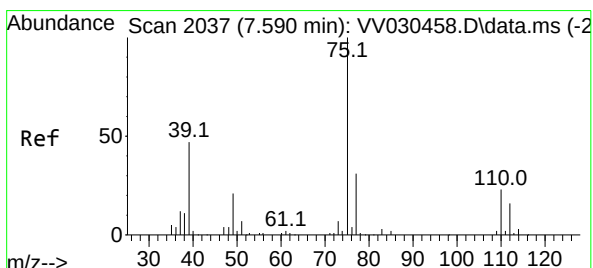
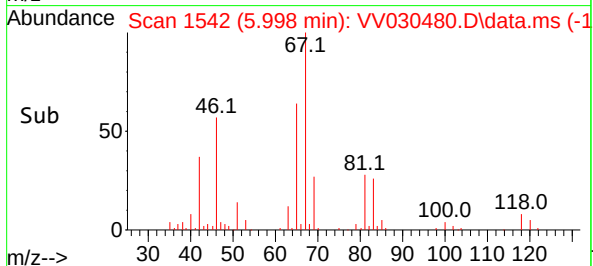
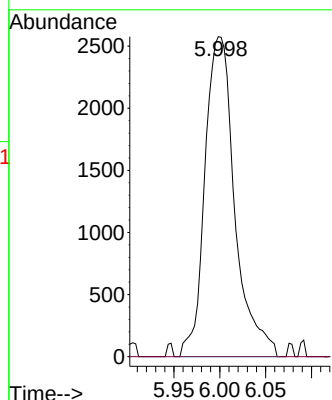
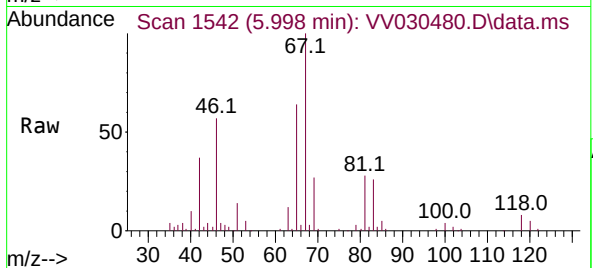
BHDY3

Tgt Ion: 63 Resp: 5850

Ion Ratio Lower Upper

63 100

112 1.1 3.9 5.9#



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.032 min

Lab File: VV030480.D

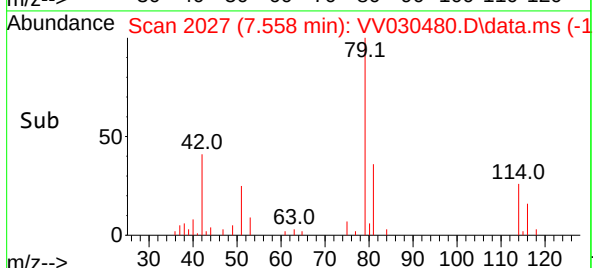
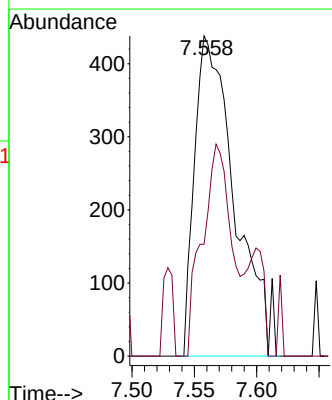
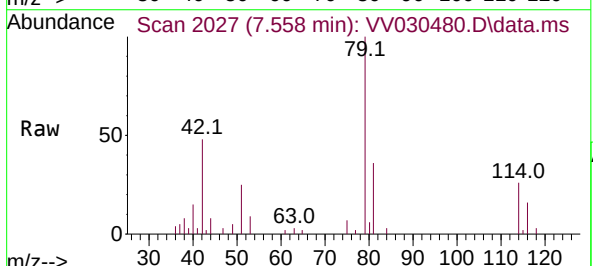
Acq: 10 Apr 2023 20:15

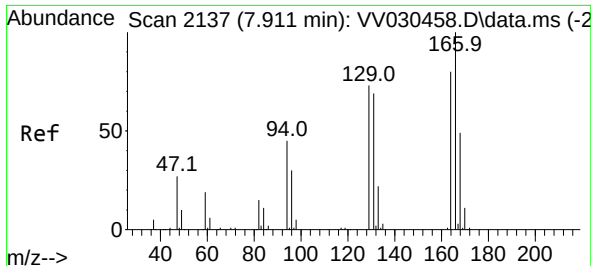
Tgt Ion: 75 Resp: 988

Ion Ratio Lower Upper

75 100

77 34.9 21.2 39.4

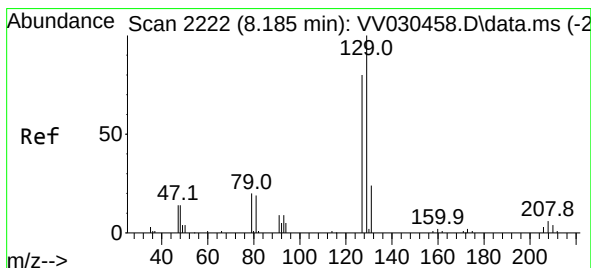
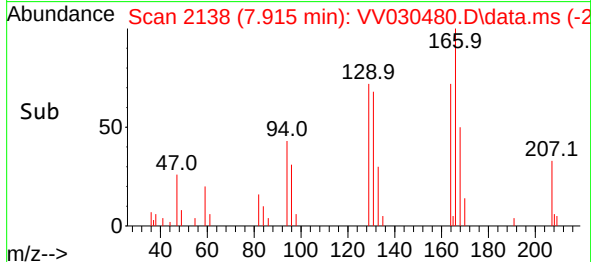
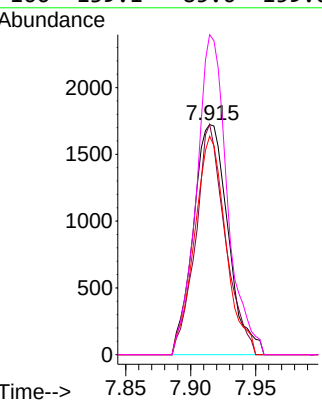
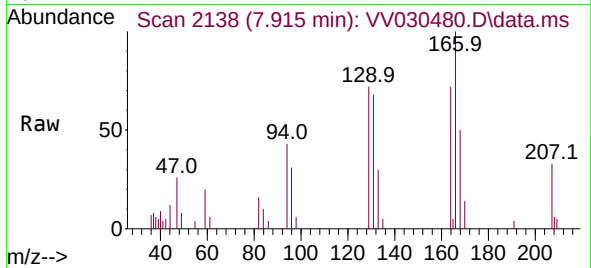




#47
Tetrachloroethene
Concen: 0.338 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

Instrument :
MSVOA_V
ClientSampleId :
BHDY3

Tgt Ion:	164	Resp:	3198
Ion	Ratio	Lower	Upper
164	100		
129	100.1	60.8	112.8
131	94.9	61.7	114.7
166	139.1	85.6	159.0



#49
Dibromochloromethane
Concen: 0.311 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

Tgt Ion:	129	Resp:	2658
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.7	97.9#

