

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041023\
 Data File : VW030483.D
 Acq On : 10 Apr 2023 21:27
 Operator : SY/MD
 Sample : 02194-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW2

Quant Time: Apr 11 06:33:49 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)

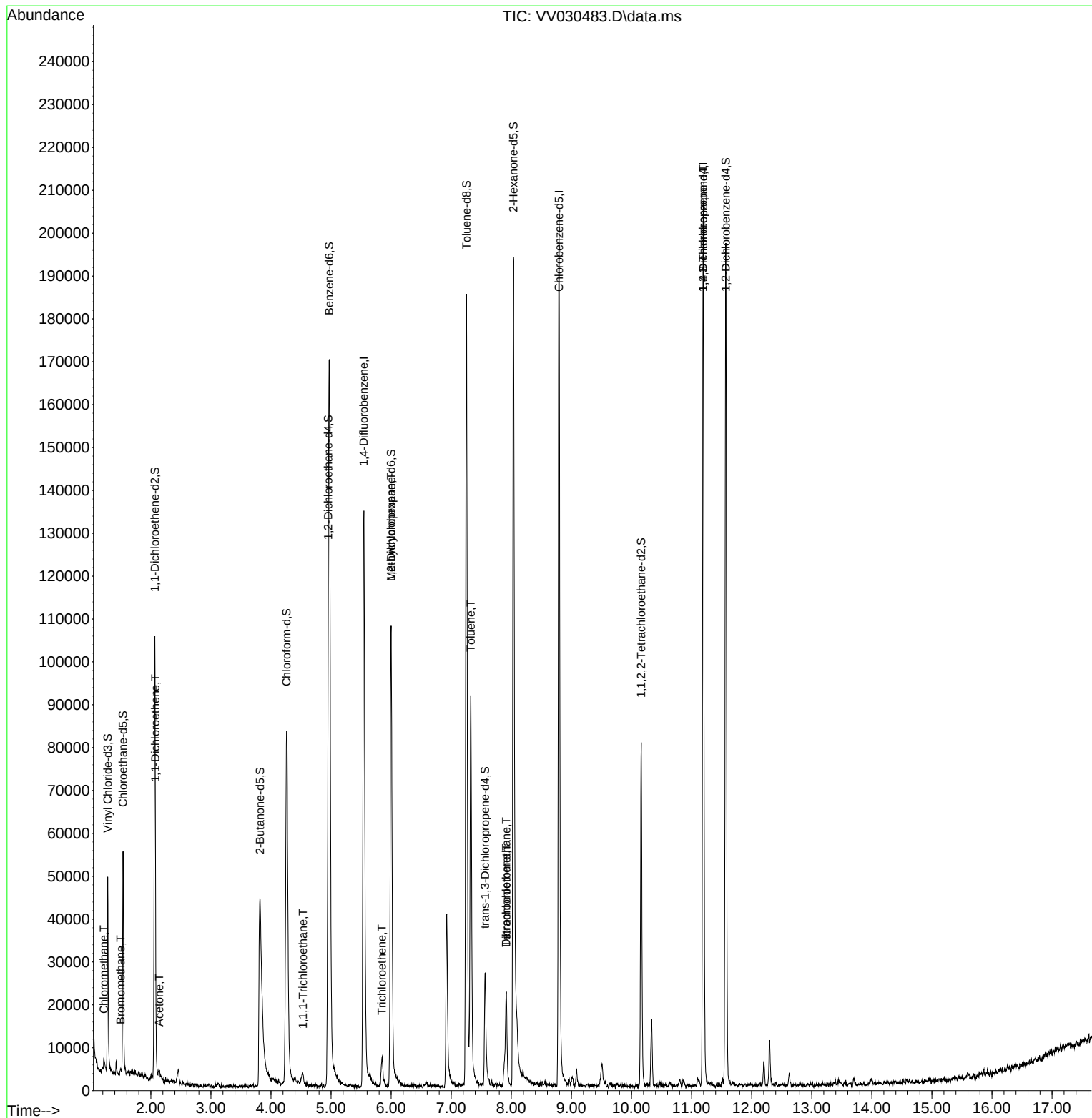
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	114825	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	28333	3.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.535	69	32346	4.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.066	63	53915	2.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.815	46	90478	46.030	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.060%
24) Chloroform-d	4.259	84	87394	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	4.953	65	45012	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	4.969	84	150808	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.998	67	49081	4.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.252	98	128273	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.564	79	15495	4.046	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.034	63	69434	45.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36648	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	52616	5.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2502	0.136	ug/L	88
6) Bromomethane	1.494	94	513	0.134	ug/L	95
12) 1,1-Dichloroethene	2.076	96	2694	0.281	ug/L #	1
13) Acetone	2.140	43	3312	1.762	ug/L	87
29) 1,1,1-Trichloroethane	4.529	97	2255	0.122	ug/L #	90
34) Trichloroethene	5.844	95	1967	0.178	ug/L	77
35) Methylcyclohexane	5.998	83	12959	0.748	ug/L #	16
42) Toluene	7.326	91	67467	1.547	ug/L	100
47) Tetrachloroethene	7.915	164	5647	0.579	ug/L	94
49) Dibromochloromethane	7.915	129	4772	0.542	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6189	1.230	ug/L #	64

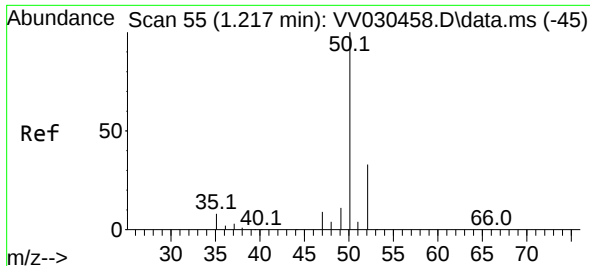
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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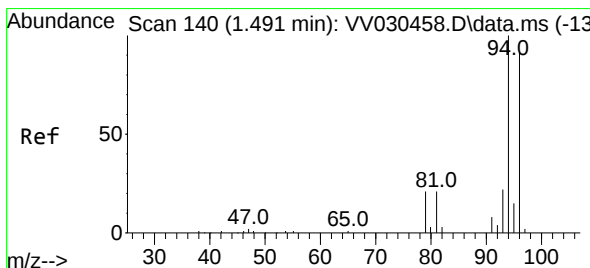
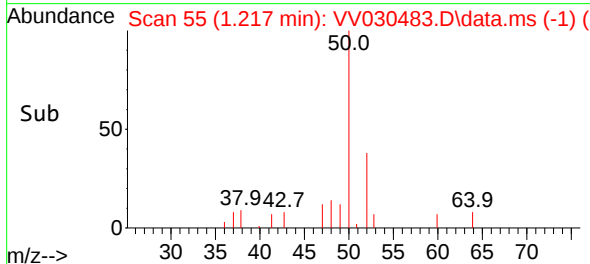
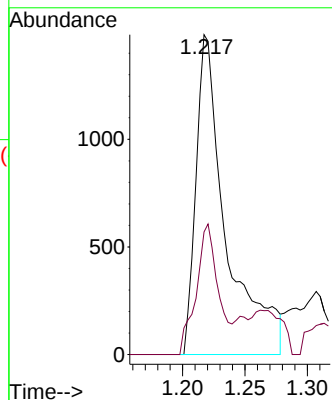
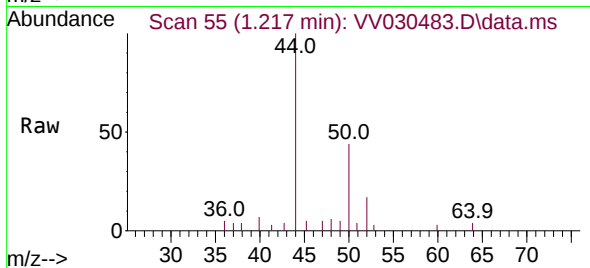




#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030483.D
Acq: 10 Apr 2023 21:27

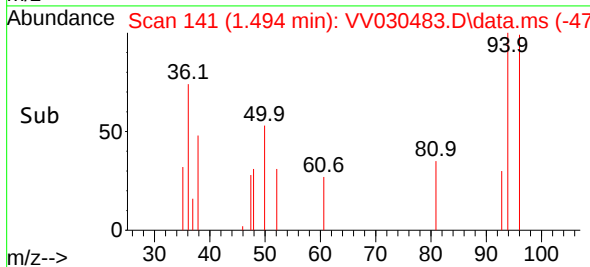
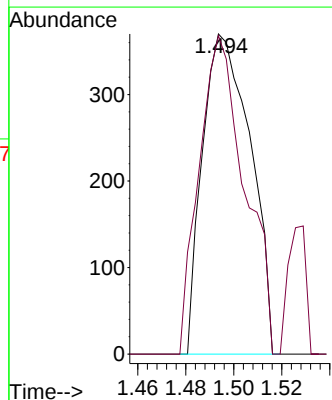
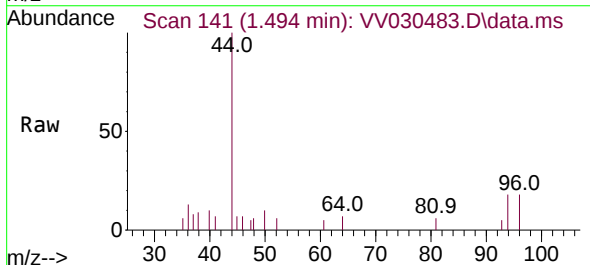
Instrument :
MSVOA_V
ClientSampleId :
BHDW2

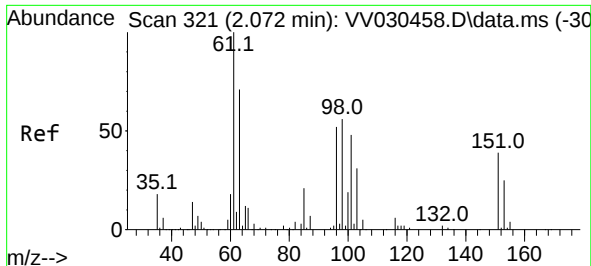
Tgt Ion: 50 Resp: 2502
Ion Ratio Lower Upper
50 100
52 38.4 22.3 41.5



#6
Bromomethane
Concen: 0.134 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030483.D
Acq: 10 Apr 2023 21:27

Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 99.5 66.1 122.7





#12

1,1-Dichloroethene

Concen: 0.281 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030483.D

Acq: 10 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

BHDW2

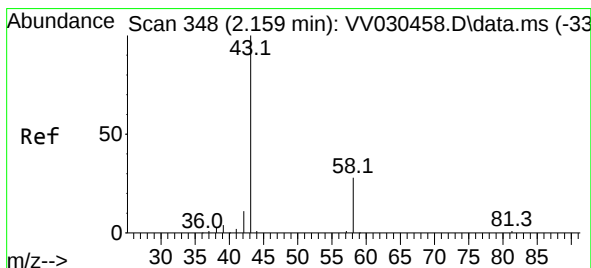
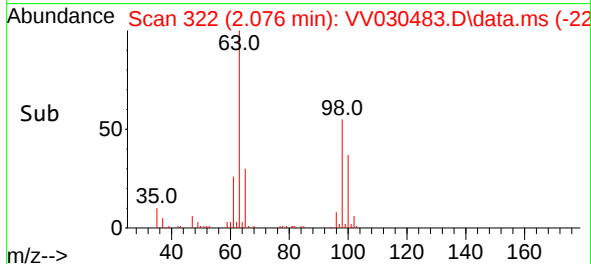
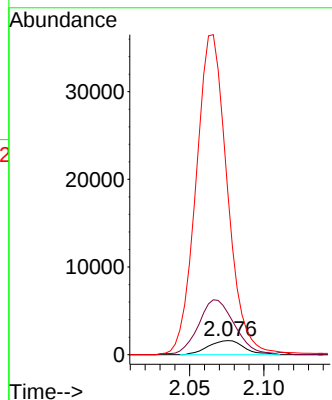
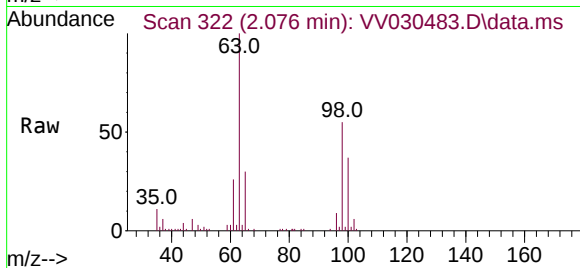
Tgt Ion: 96 Resp: 2694

Ion Ratio Lower Upper

96 100

61 296.3 136.3 253.1#

63 1155.4 92.1 171.1#



#13

Acetone

Concen: 1.762 ug/L

RT: 2.140 min Scan# 342

Delta R.T. -0.019 min

Lab File: VV030483.D

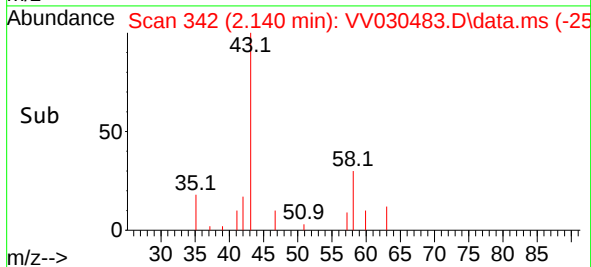
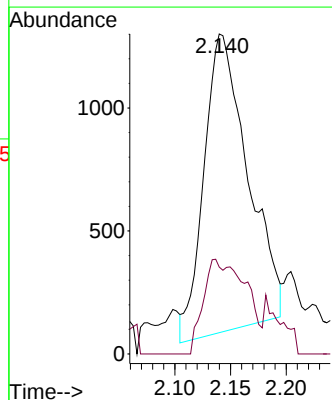
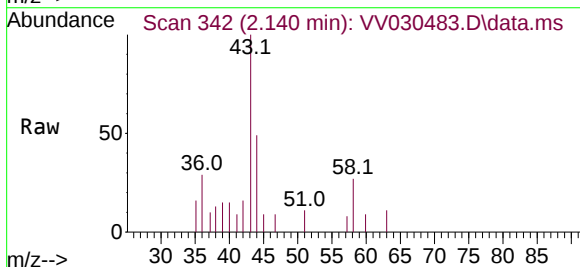
Acq: 10 Apr 2023 21:27

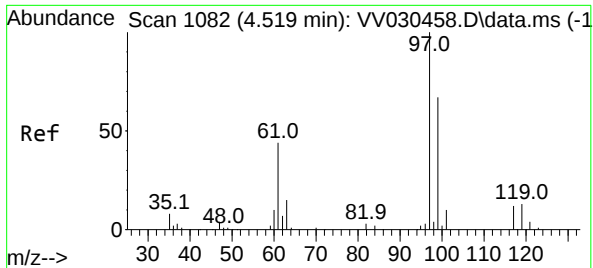
Tgt Ion: 43 Resp: 3312

Ion Ratio Lower Upper

43 100

58 14.3 0.0 40.8





#29

1,1,1-Trichloroethane

Concen: 0.122 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

Lab File: VV030483.D

Acq: 10 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

BHDW2

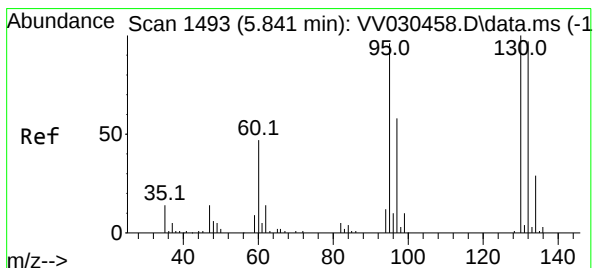
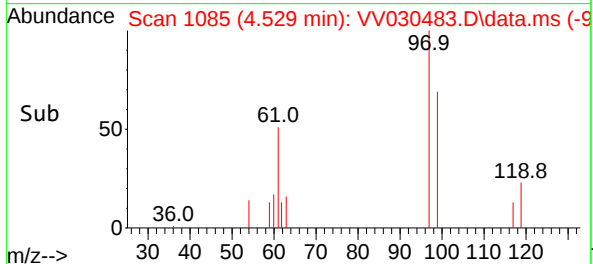
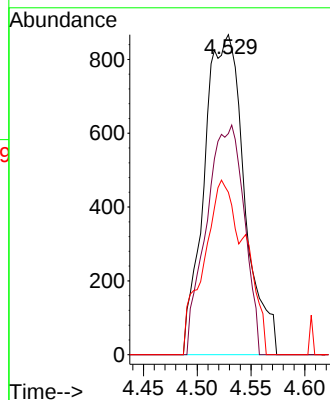
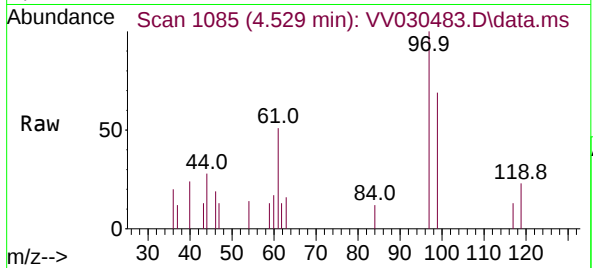
Tgt Ion: 97 Resp: 2255

Ion Ratio Lower Upper

97 100

99 67.3 50.9 76.3

61 56.3 35.9 53.9#



#34

Trichloroethene

Concen: 0.178 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030483.D

Acq: 10 Apr 2023 21:27

Tgt Ion: 95 Resp: 1967

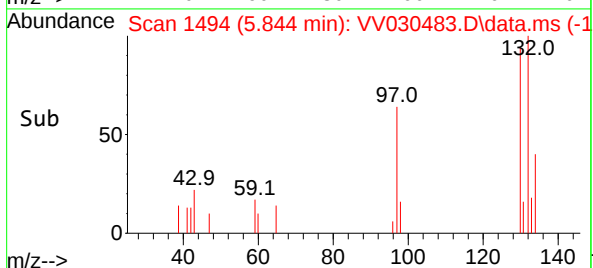
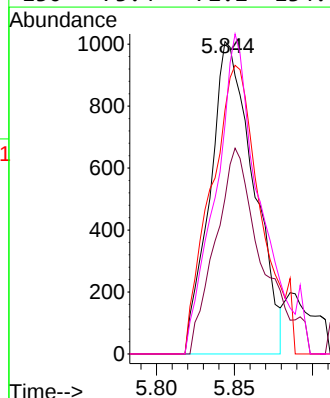
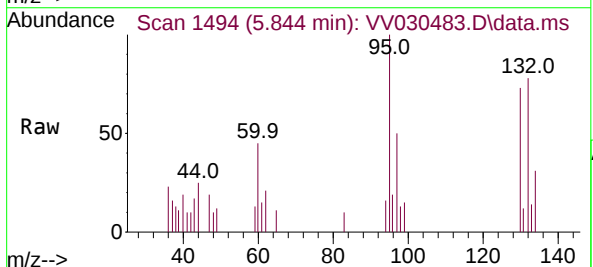
Ion Ratio Lower Upper

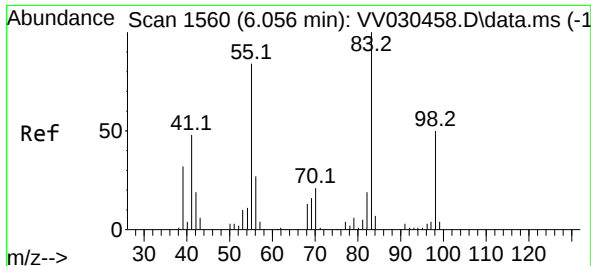
95 100

97 49.8 44.2 82.2

132 78.1 69.5 129.1

130 73.4 72.2 134.0





#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV030483.D

Acq: 10 Apr 2023 21:27

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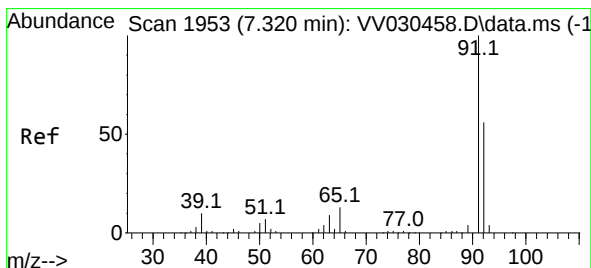
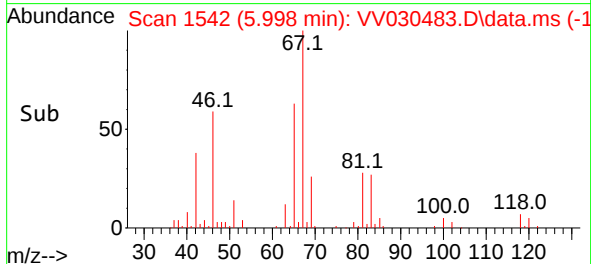
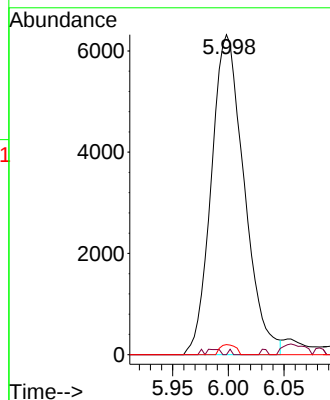
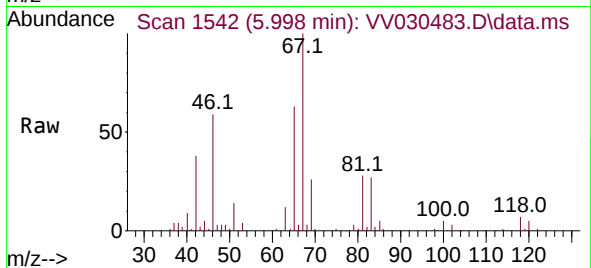
Tgt Ion: 83 Resp: 12959

Ion Ratio Lower Upper

83 100

55 0.2 66.6 100.0#

98 1.5 38.6 58.0#



#42

Toluene

Concen: 1.547 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VV030483.D

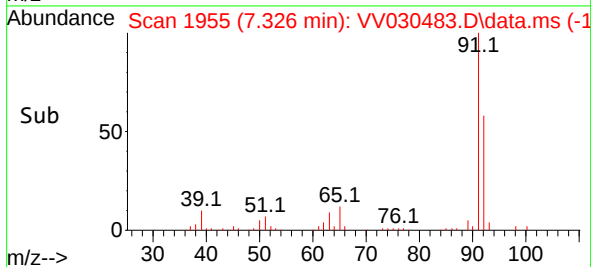
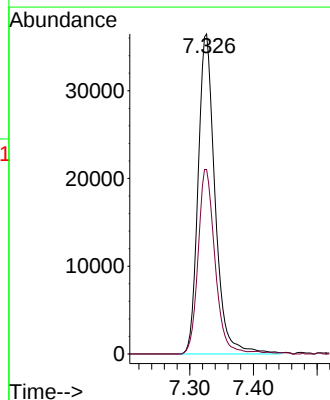
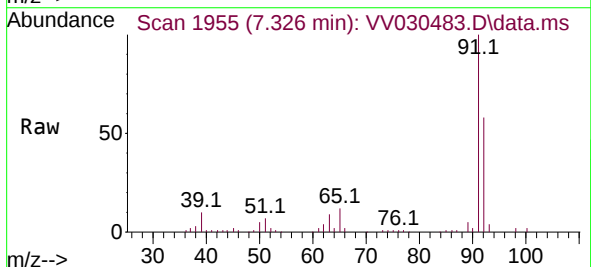
Acq: 10 Apr 2023 21:27

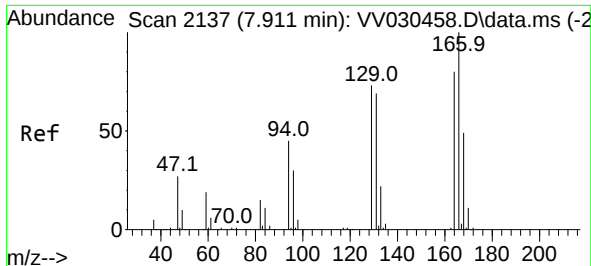
Tgt Ion: 91 Resp: 67467

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0





#47

Tetrachloroethene

Concen: 0.579 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030483.D

Acq: 10 Apr 2023 21:27

Instrument :

MSVOA_V

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Tgt Ion:164 Resp: 5647

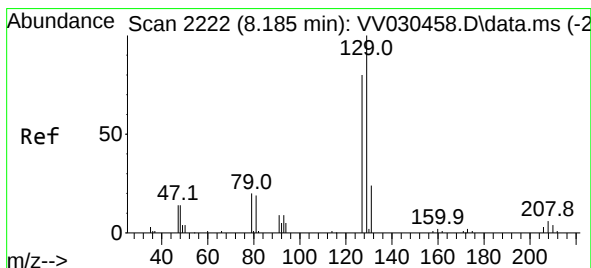
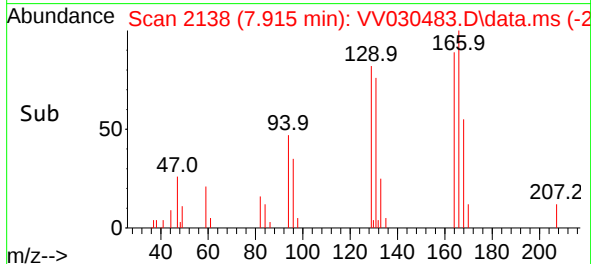
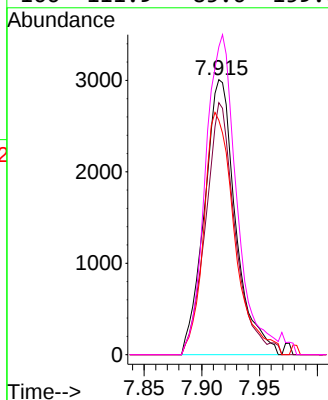
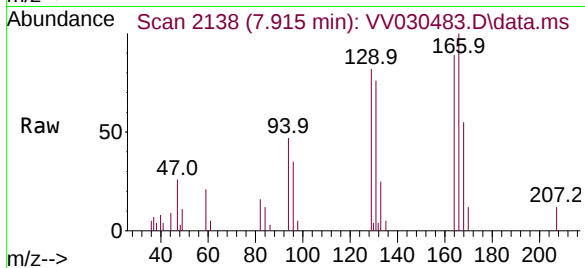
Ion Ratio Lower Upper

164 100

129 91.6 60.8 112.8

131 85.2 61.7 114.7

166 111.9 85.6 159.0



#49

Dibromochloromethane

Concen: 0.542 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030483.D

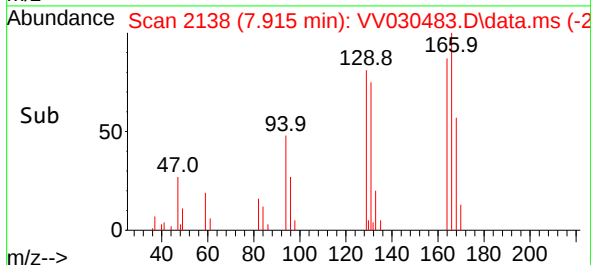
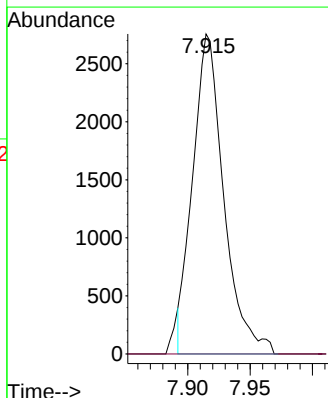
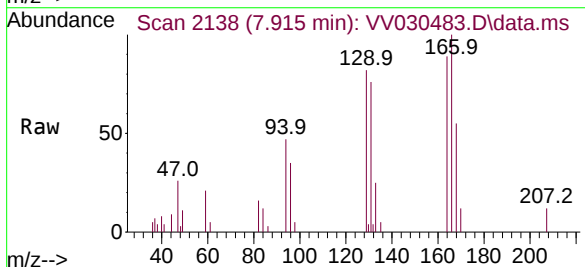
Acq: 10 Apr 2023 21:27

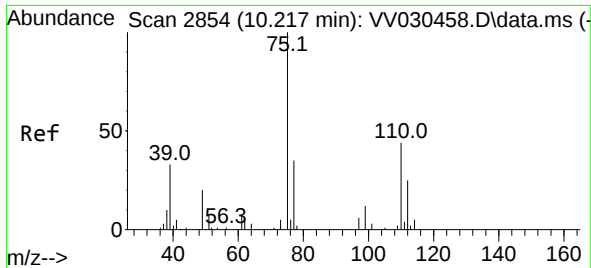
Tgt Ion:129 Resp: 4772

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.230 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030483.D
 Acq: 10 Apr 2023 21:27

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Tgt Ion: 75 Resp: 6189
 Ion Ratio Lower Upper
 75 100
 77 37.0 26.0 39.0
 110 3.8 31.6 47.4#

