

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016034.D
 Acq On : 13 May 2020 12:38
 Operator : SY/MD
 Sample : L2542-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4215

Quant Time: May 14 02:55:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144308	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143446	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65537	5.00	ug/L	0.00

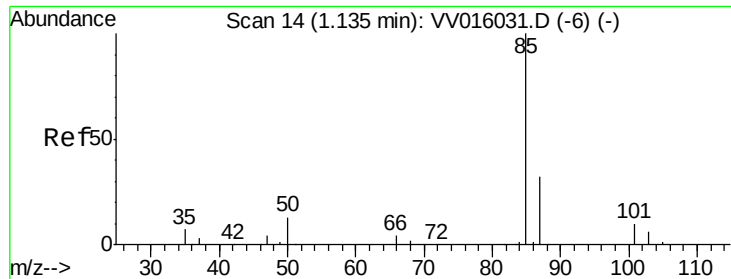
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48750	6.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.60%
7) Chloroethane-d5	1.58	69	44236	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.12	63	71749	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.90	46	116030	51.96	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	4.38	84	78917	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	51759	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.08	84	183848	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.10	67	56456	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.34	98	163861	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
45) trans-1,3-Dichloropropene-	7.65	79	17630	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
48) 2-Hexanone-d5	8.11	63	92989	51.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39616	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	57801	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	1531	0.138 ug/L #	83
13) Acetone	2.18	43	4217	2.863 ug/L	65
22) cis-1,2-Dichloroethene	3.95	96	1656	0.180 ug/L	93
25) Chloroform	4.41	83	21721	1.167 ug/L	98
34) Trichloroethene	5.95	95	6497	0.631 ug/L	90
49) Tetrachloroethene	8.00	164	21712	3.021 ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 0.138 ug/L

RT: 1.14 min Scan# 17

Delta R.T. 0.01 min

Lab File: VV016034.D

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Instrument :

MSVOA_V

ClientSampleId :

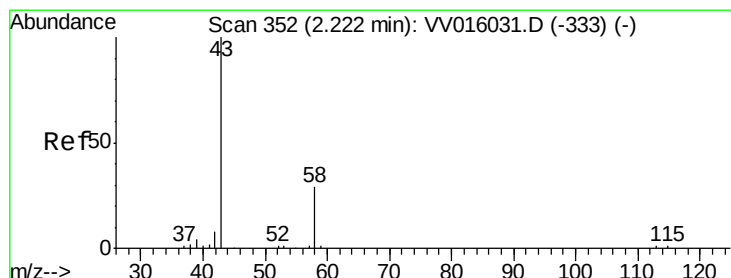
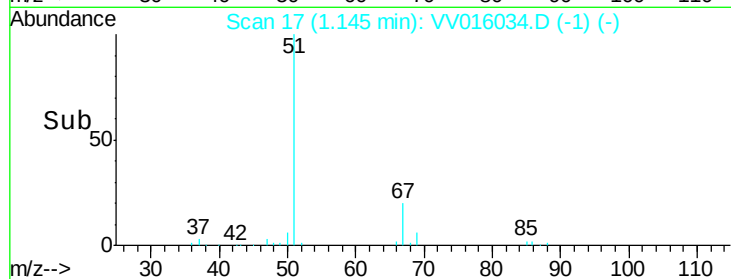
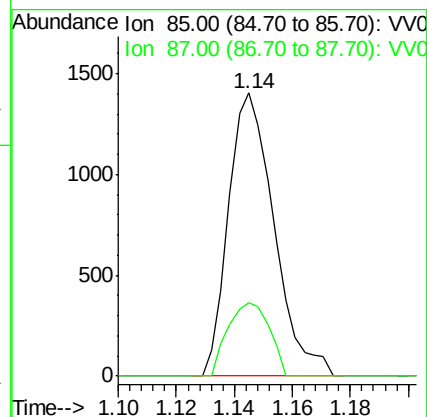
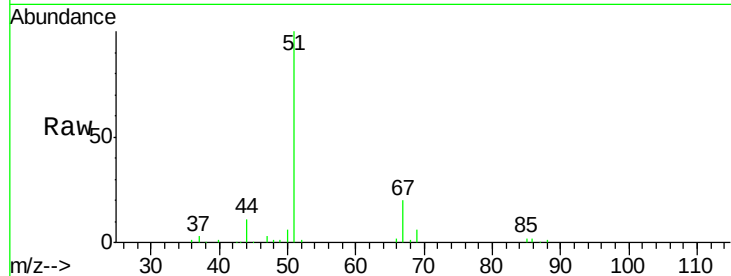
H4215

Tot Ion: 85 Resp: 1531

Ion Ratio Lower Upper

85 100

87 23.6 26.4 39.6#



#13

Acetone

Concen: 2.863 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.05 min

Lab File: VV016034.D

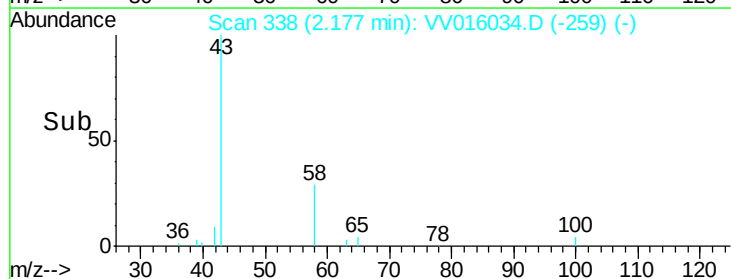
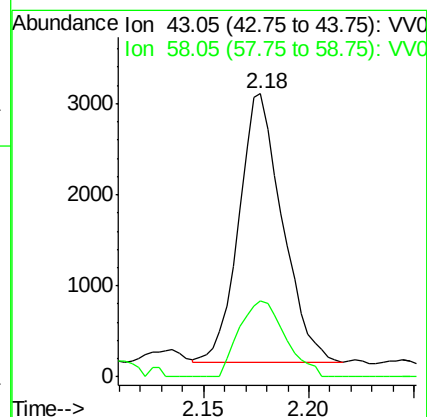
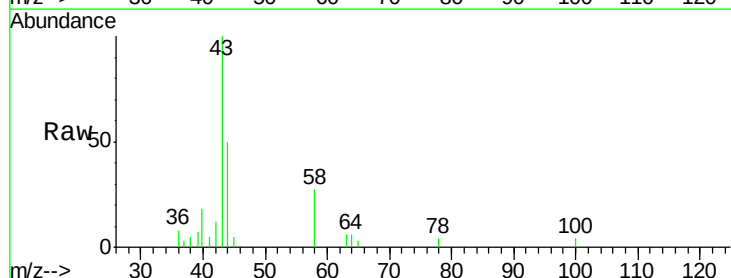
Acq: 13 May 2020 12:38

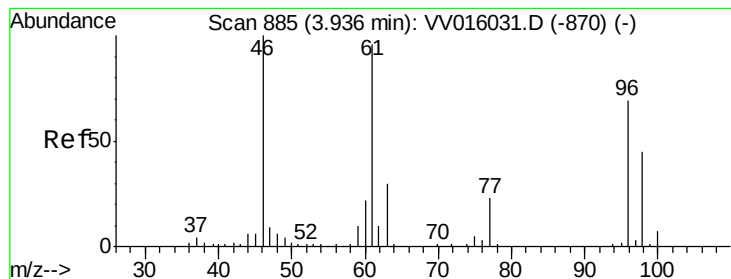
Tgt Ion: 43 Resp: 4217

Ion Ratio Lower Upper

43 100

58 30.1 0.0 30.8





#22

cis-1,2-Dichloroethene

Concen: 0.180 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV016034.D

Acq: 13 May 2020 12:38

Instrument :

MSVOA_V

ClientSampled :

H4215

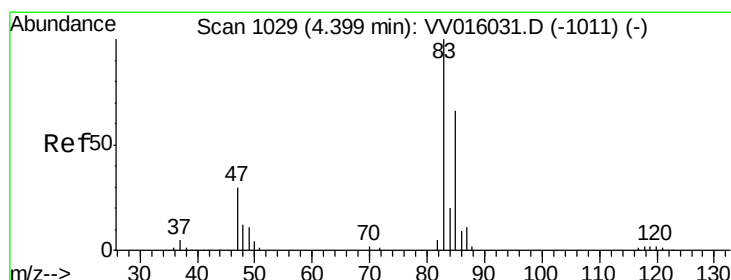
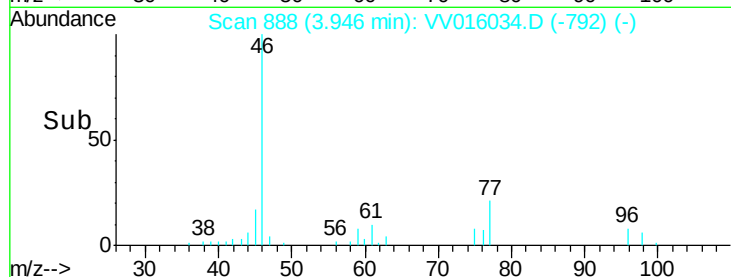
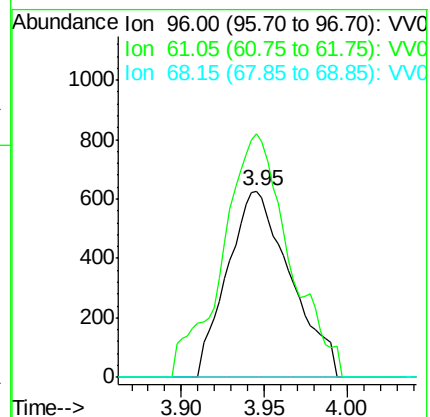
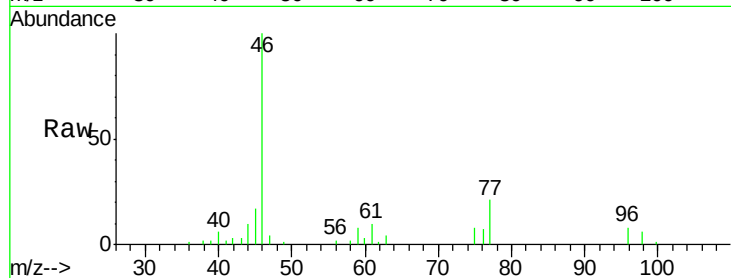
Tot Ion: 96 Resp: 1656

Ion Ratio Lower Upper

96 100

61 130.6 97.2 180.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 1.167 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016034.D

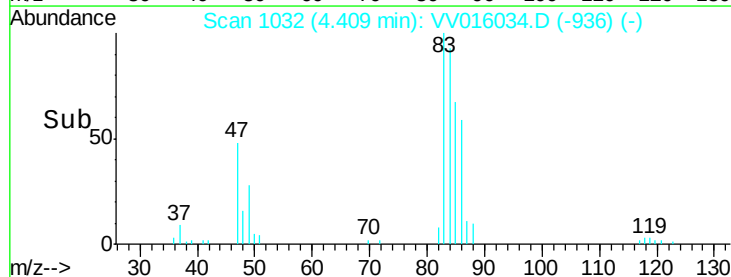
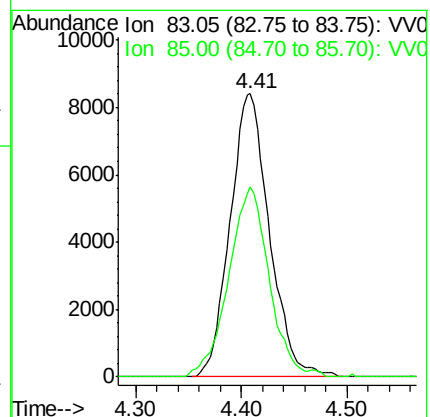
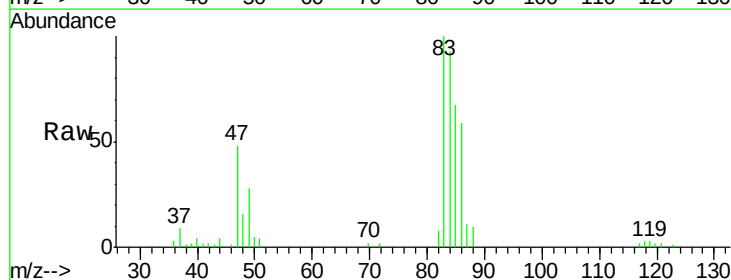
Acq: 13 May 2020 12:38

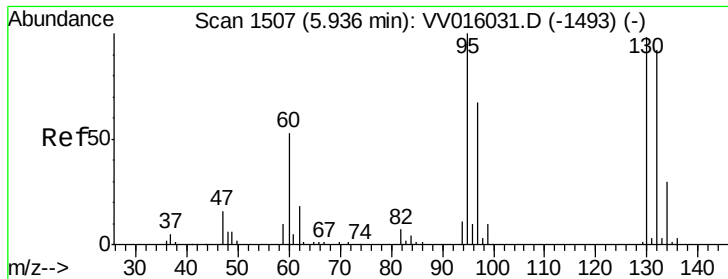
Tgt Ion: 83 Resp: 21721

Ion Ratio Lower Upper

83 100

85 67.3 45.7 84.9





#34

Trichloroethene

Concen: 0.631 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV016034.D

Acq: 13 May 2020 12:38

Instrument :

MSVOA_V

ClientSampled :

H4215

Tot Ion: 95 Resp: 6497

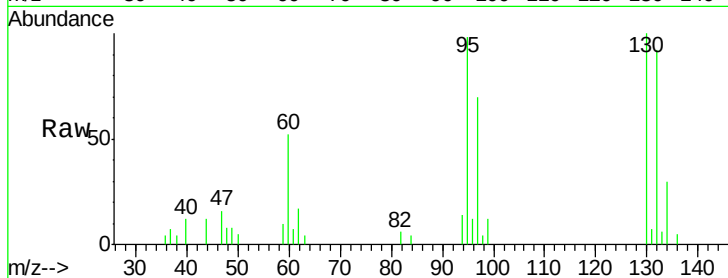
Ion Ratio Lower Upper

95 100

97 72.0 43.3 80.5

132 94.8 60.3 112.1

130 102.5 66.0 122.6

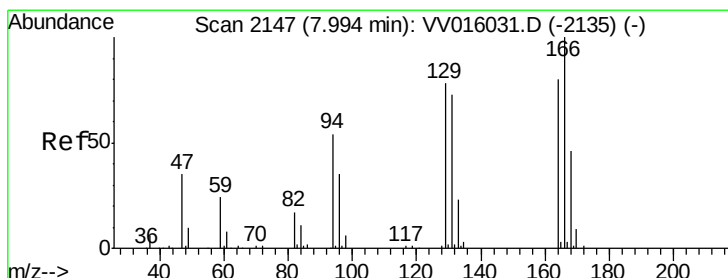
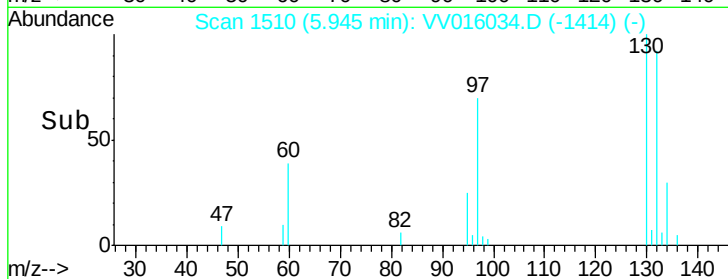
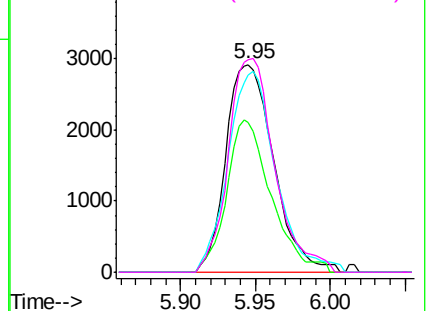


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 3.021 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV016034.D

Acq: 13 May 2020 12:38

Tgt Ion: 164 Resp: 21712

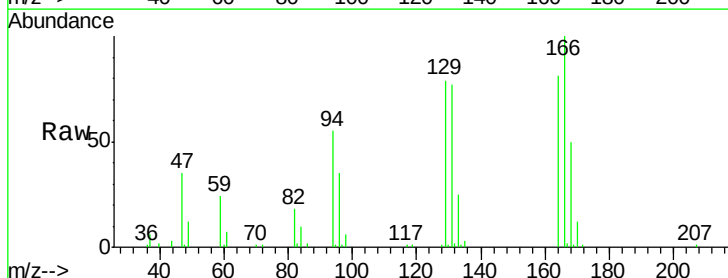
Ion Ratio Lower Upper

164 100

129 97.0 69.7 129.4

131 94.4 66.8 124.2

166 122.8 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

