

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016071.D
 Acq On : 14 May 2020 16:58
 Operator : SY/MD
 Sample : L2598-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4244

Quant Time: May 15 08:15:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	147456	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146107	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66999	5.00	ug/L	0.00

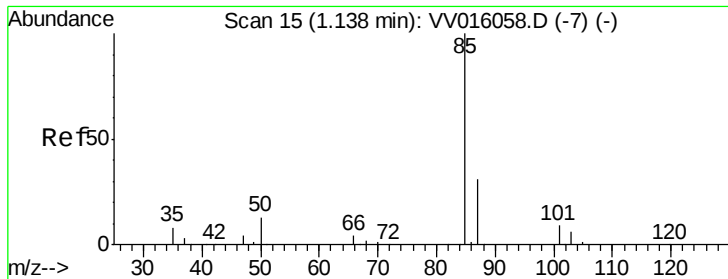
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40894	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.58	69	41491	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	62896	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.93	46	121787	53.37	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	4.38	84	89389	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	51011	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	170894	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.10	67	55302	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	151615	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
45) trans-1,3-Dichloropropene-	7.65	79	18084	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
48) 2-Hexanone-d5	8.12	63	93302	50.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38882	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	57968	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	1270	0.112 ug/L	97
13) Acetone	2.22	43	17100	11.360 ug/L #	61
25) Chloroform	4.41	83	3289	0.173 ug/L	96
33) Benzene	5.13	78	9387	0.255 ug/L	100
34) Trichloroethene	5.94	95	2303	0.219 ug/L	94
42) Toluene	7.41	91	3965	0.102 ug/L	100
49) Tetrachloroethene	8.00	164	14432	1.971 ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 0.112 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV016071.D

Acq: 14 May 2020 16:58

Instrument :

MSVOA_V

ClientSampleId :

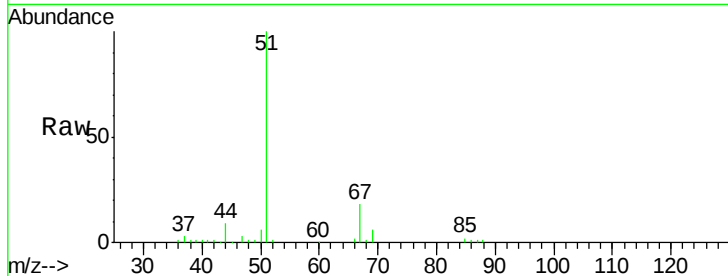
H4244

Tot Ion: 85 Resp: 1270

Ion Ratio Lower Upper

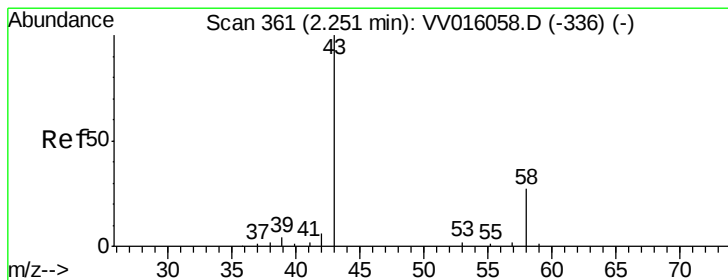
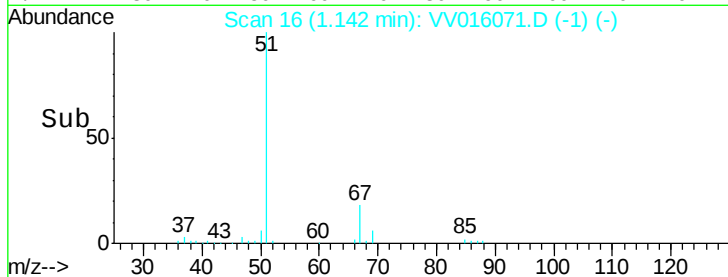
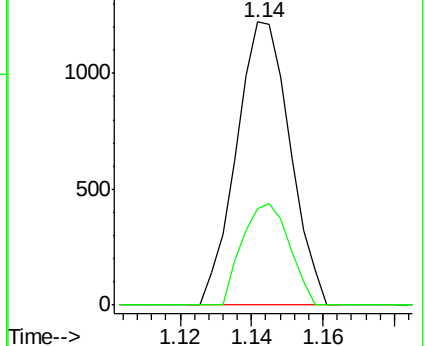
85 100

87 31.4 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 11.360 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.03 min

Lab File: VV016071.D

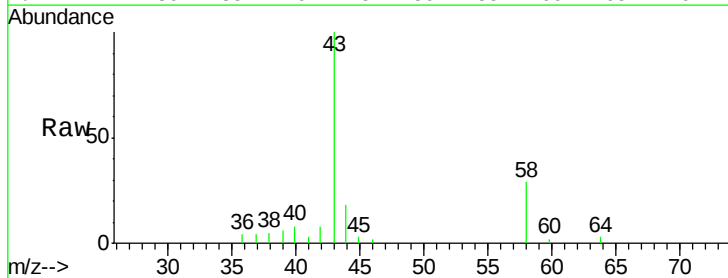
Acq: 14 May 2020 16:58

Tgt Ion: 43 Resp: 17100

Ion Ratio Lower Upper

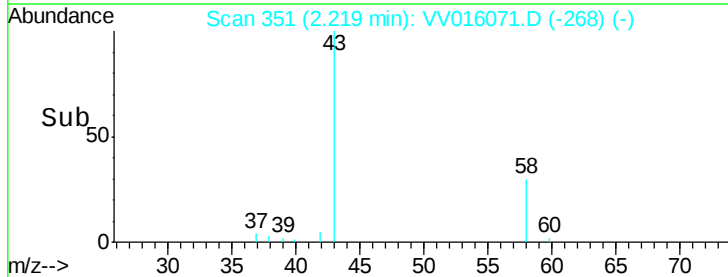
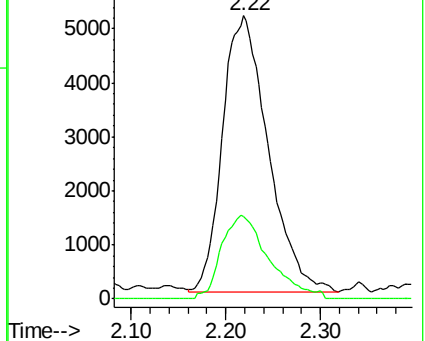
43 100

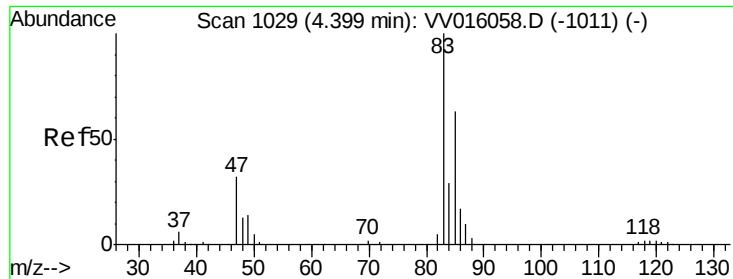
58 31.6 0.0 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

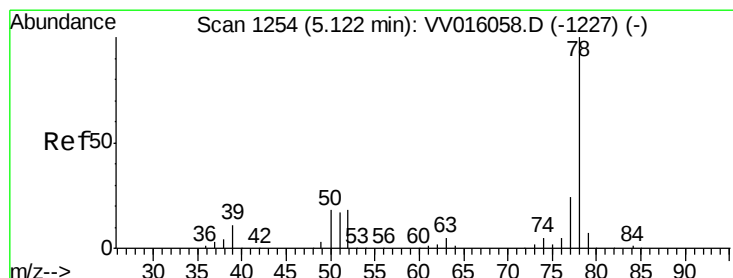
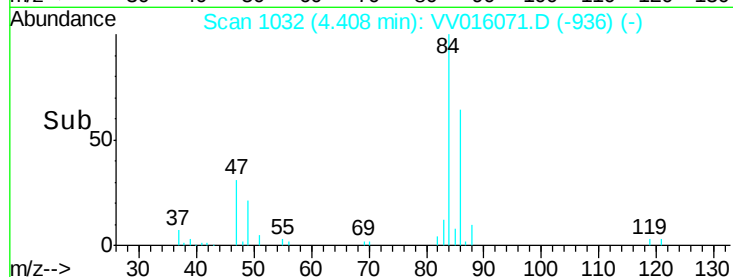
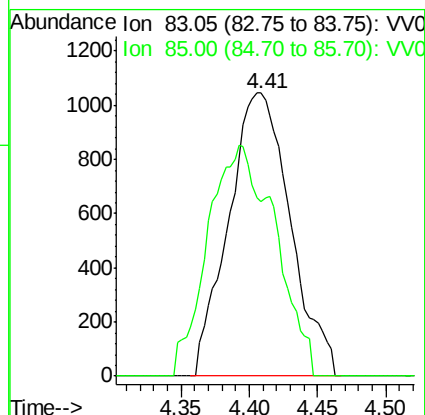
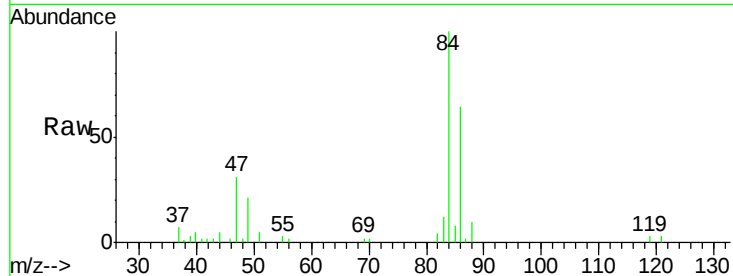




#25
Chloroform
Concen: 0.173 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016071.D
Acq: 14 May 2020 16:58

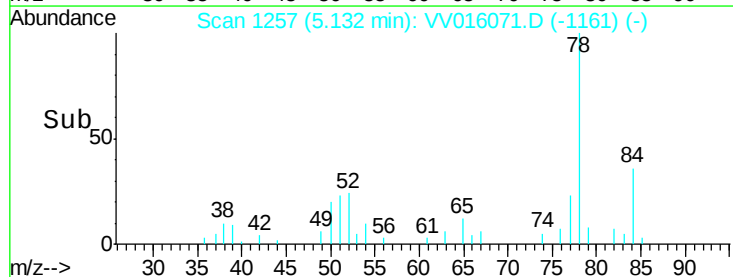
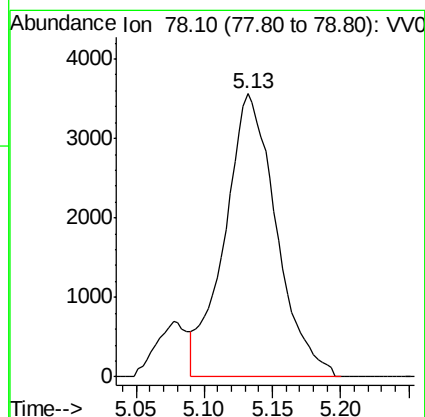
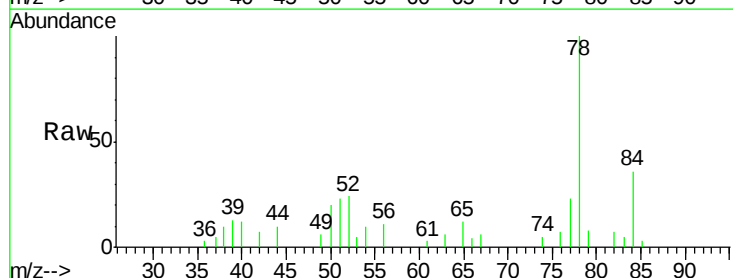
Instrument :
MSVOA_V
ClientSampleId :
H4244

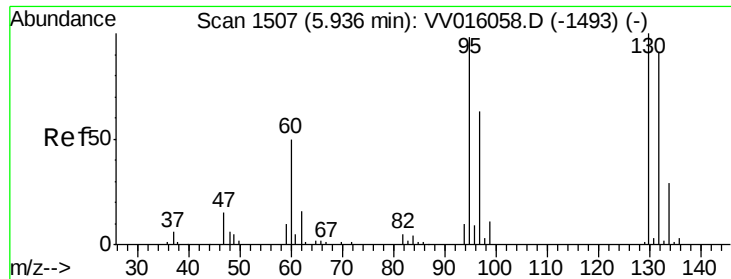
Tot Ion: 83 Resp: 3289
Ion Ratio Lower Upper
83 100
85 61.9 45.7 84.9



#33
Benzene
Concen: 0.255 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV016071.D
Acq: 14 May 2020 16:58

Tgt Ion: 78 Resp: 9387

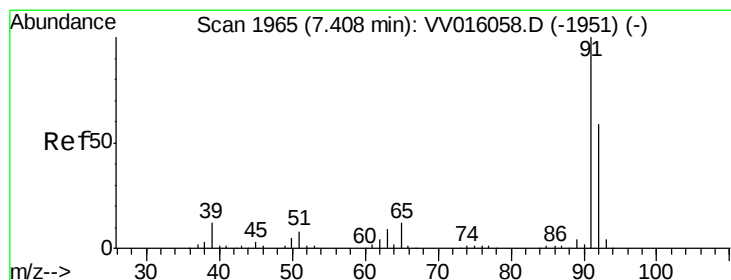
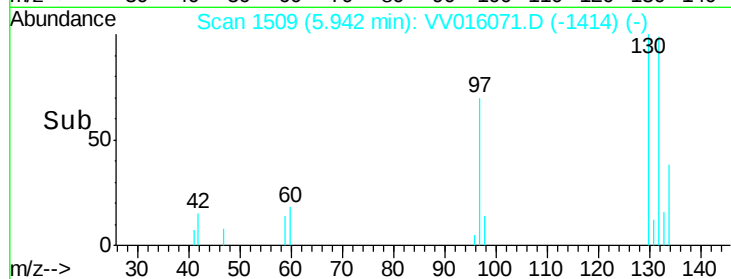
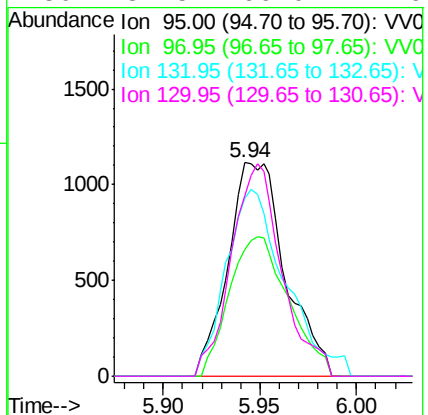
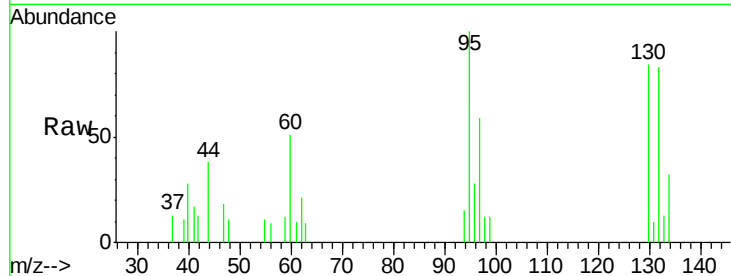




#34
 Trichloroethene
 Concen: 0.219 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016071.D
 Acq: 14 May 2020 16:58

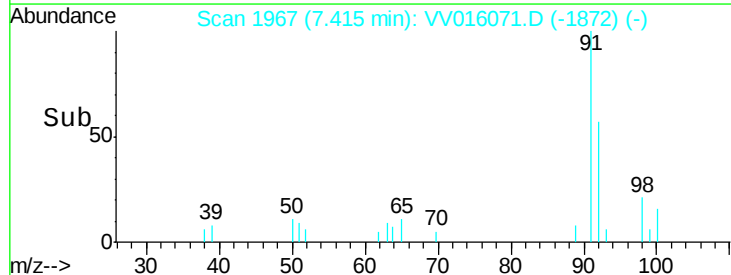
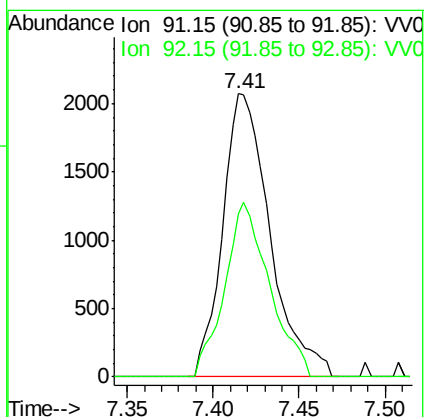
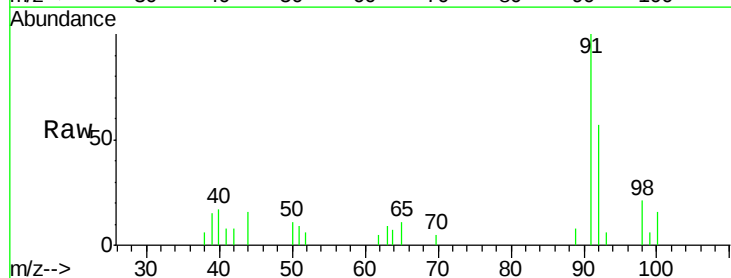
Instrument :
 MSVOA_V
 ClientSampleId :
 H4244

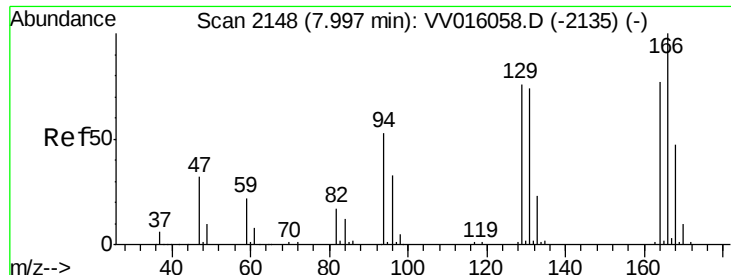
Tot Ion: 95 Resp: 2303
 Ion Ratio Lower Upper
 95 100
 97 59.3 43.3 80.5
 132 83.4 60.3 112.1
 130 84.5 66.0 122.6



#42
 Toluene
 Concen: 0.102 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016071.D
 Acq: 14 May 2020 16:58

Tgt Ion: 91 Resp: 3965
 Ion Ratio Lower Upper
 91 100
 92 57.5 40.1 74.5





#49

Tetrachloroethene

Concen: 1.971 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016071.D

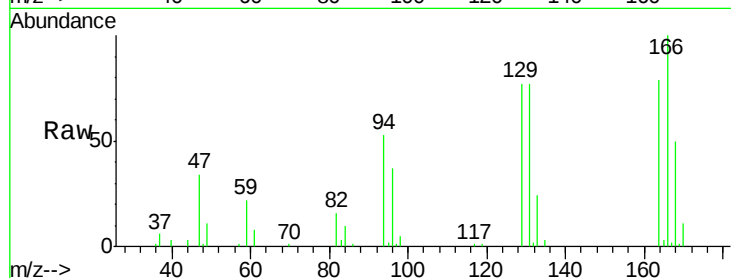
Acq: 14 May 2020 16:58

Instrument :

MSVOA_V

ClientSampleId :

H4244



Tot Ion:164 Resp: 14432

Ion Ratio Lower Upper

164 100

129 97.0 69.7 129.4

131 96.6 66.8 124.2

166 125.8 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

