

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019637.D
 Acq On : 15 Dec 2020 05:04
 Operator : SY/MD
 Sample : L5424-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX7

Quant Time: Dec 15 10:31:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 10:26:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	591902	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	552706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	249421	50.00	ug/L	0.00

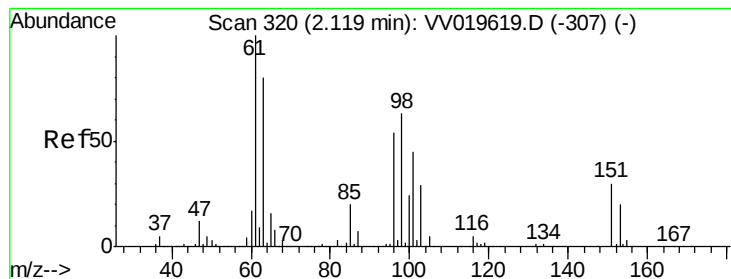
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	184811	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.08%
7) Chloroethane-d5	1.57	69	167632	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.16%
11) 1,1-Dichloroethene-d2	2.11	63	281947	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
21) 2-Butanone-d5	3.90	46	278428	120.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.69%
24) Chloroform-d	4.35	84	385942	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
26) 1,2-Dichloroethane-d4	5.04	65	270100	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.06%
32) Benzene-d6	5.05	84	764295	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
36) 1,2-Dichloropropane-d6	6.07	67	246474	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.76%
41) Toluene-d8	7.32	98	669891	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%
43) trans-1,3-Dichloropropene-	7.62	79	115958	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
47) 2-Hexanone-d5	8.09	63	194334	107.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.23%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	333073	53.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.66%
64) 1,2-Dichlorobenzene-d4	11.63	152	250027	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2268	0.660 ug/L #	22
25) Chloroform	4.39	83	8573	1.146 ug/L	96
34) Trichloroethene	5.92	95	4366	1.023 ug/L	96
48) 2-Hexanone	8.09	43	24516	5.309 ug/L #	69
59) 1,2,3-Trichloropropane	11.25	75	33776	6.437 ug/L	92

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.660 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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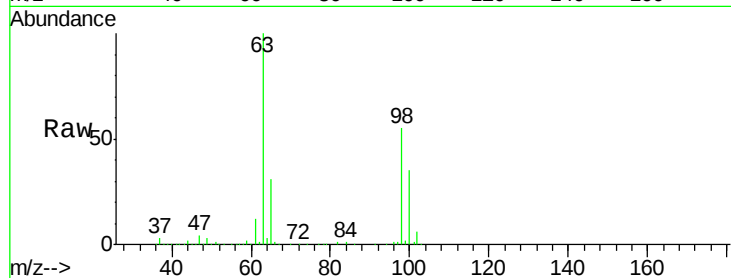
Tgt Ion: 101 Resp: 2268

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

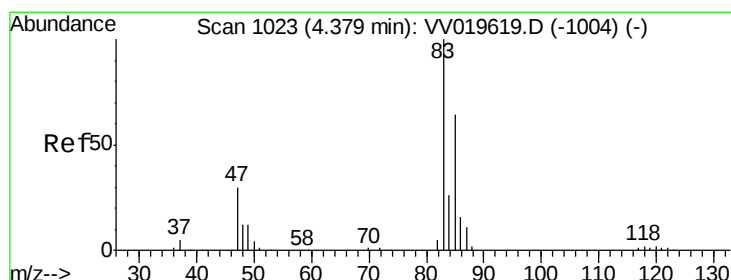
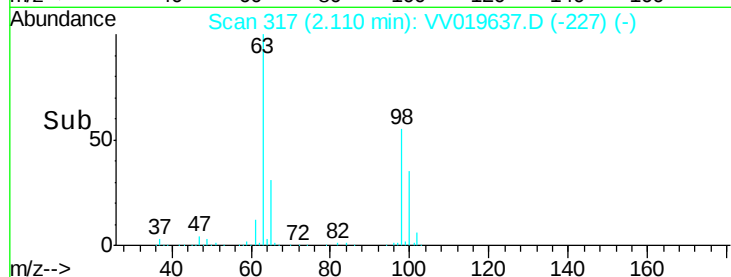
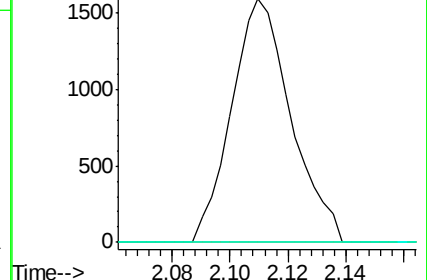
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.146 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.01 min

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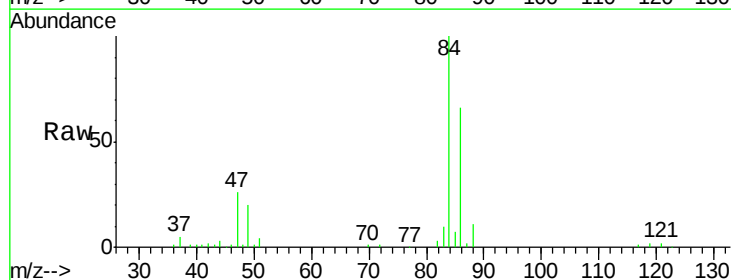
Acq: 15 Dec 2020 05:04

Tgt Ion: 83 Resp: 8573

Ion Ratio Lower Upper

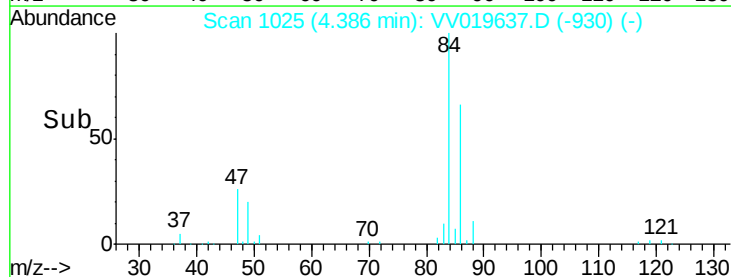
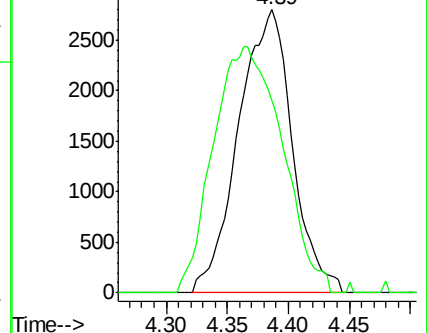
83 100

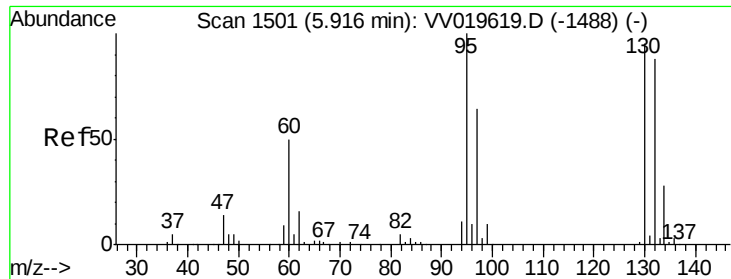
85 68.1 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.023 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019637.D

Acq: 15 Dec 2020 05:04

Instrument :

MSVOA_V

ClientSampleId :

C0AX7

Tgt Ion: 95 Resp: 4366

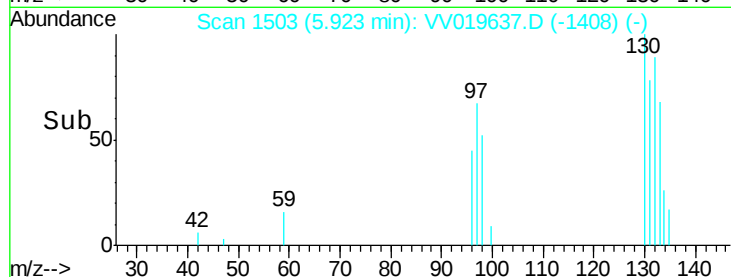
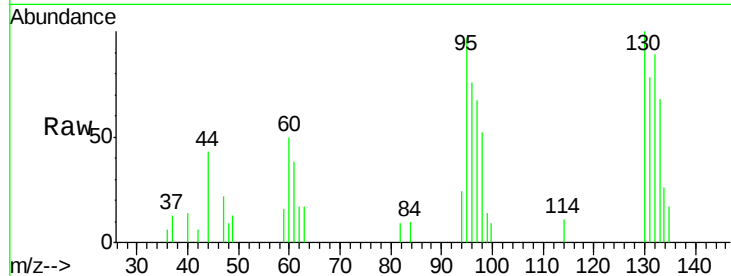
Ion Ratio Lower Upper

95 100

97 68.8 44.4 82.4

132 91.3 64.3 119.3

130 103.0 67.8 125.8

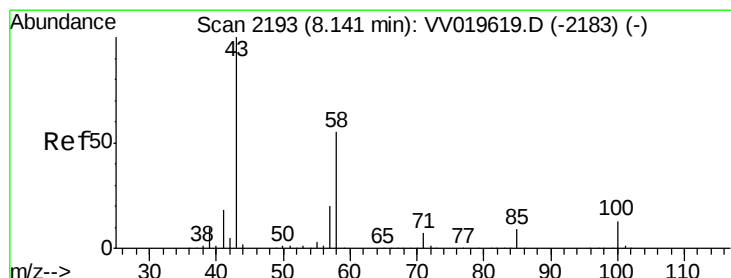
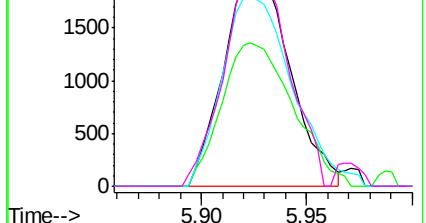


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#48

2-Hexanone

Concen: 5.309 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019637.D

Acq: 15 Dec 2020 05:04

Tgt Ion: 43 Resp: 24516

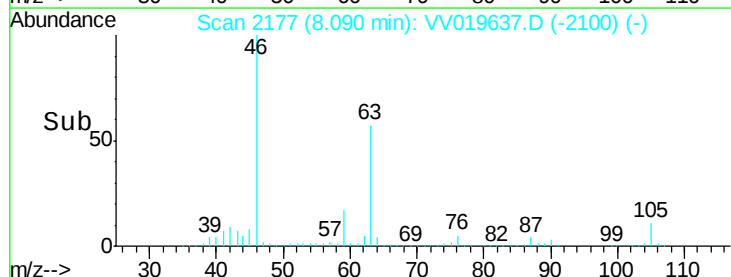
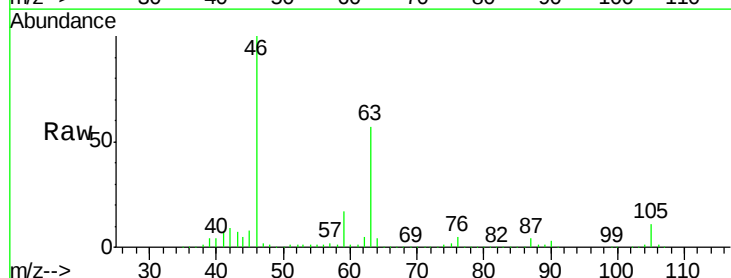
Ion Ratio Lower Upper

43 100

58 27.7 44.4 66.6#

57 23.6 15.7 23.5#

100 0.5 9.9 14.9#

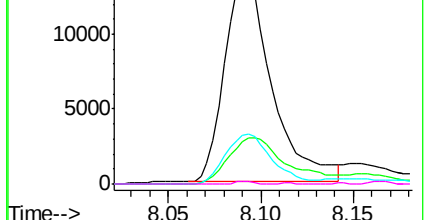


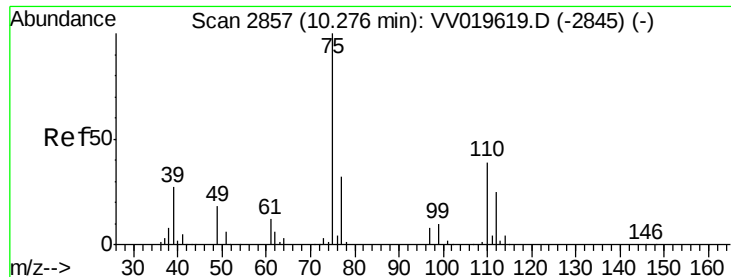
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.437 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019637.D

Acq: 15 Dec 2020 05:04

Instrument :

MSVOA_V

ClientSampleId :

C0AX7

Tgt Ion: 75 Resp: 33776

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.8

