

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019634.D
 Acq On : 15 Dec 2020 03:52
 Operator : SY/MD
 Sample : L5424-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX4

Quant Time: Dec 15 10:31:28 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	587896	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	550704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	246837	50.00	ug/L	0.00

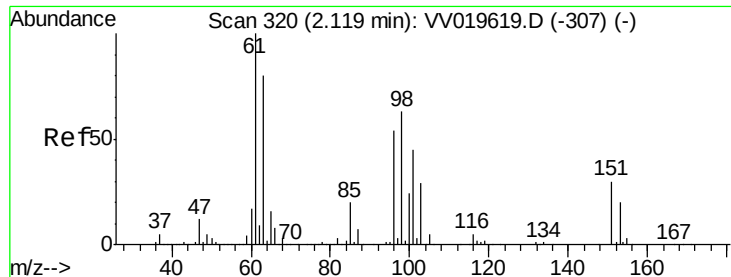
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	190556	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.40%
7) Chloroethane-d5	1.57	69	167745	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.90%
11) 1,1-Dichloroethene-d2	2.11	63	289138	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
21) 2-Butanone-d5	3.89	46	256392	111.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.90%
24) Chloroform-d	4.35	84	385673	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
26) 1,2-Dichloroethane-d4	5.04	65	268381	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.10%
32) Benzene-d6	5.05	84	763106	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.92%
36) 1,2-Dichloropropane-d6	6.07	67	244326	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.20%
41) Toluene-d8	7.32	98	670043	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%
43) trans-1,3-Dichloropropene-	7.62	79	117691	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.09	63	179211	99.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.24%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	317426	51.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.02%
64) 1,2-Dichlorobenzene-d4	11.63	152	246489	53.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.84%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2279	0.668 ug/L #	22
25) Chloroform	4.38	83	6430	0.865 ug/L	81
34) Trichloroethene	5.93	95	5530	1.301 ug/L	97
39) cis-1,3-Dichloropropene	6.99	75	7664	1.098 ug/L #	68
48) 2-Hexanone	8.09	43	22643	4.921 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	32452	6.207 ug/L #	86

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



#10

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

Concen: 0.668 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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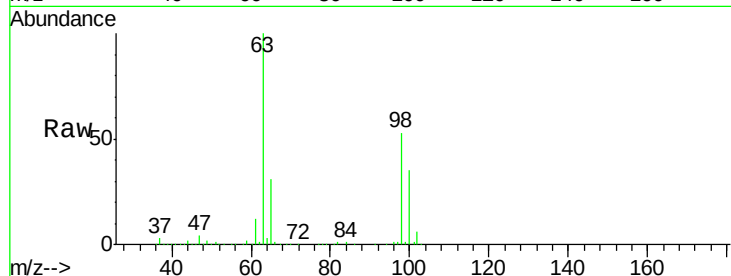
Tgt Ion: 101 Resp: 2279

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

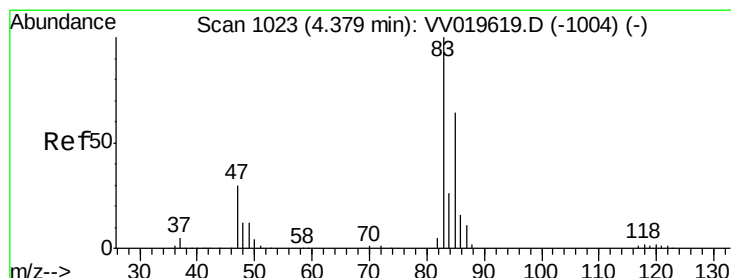
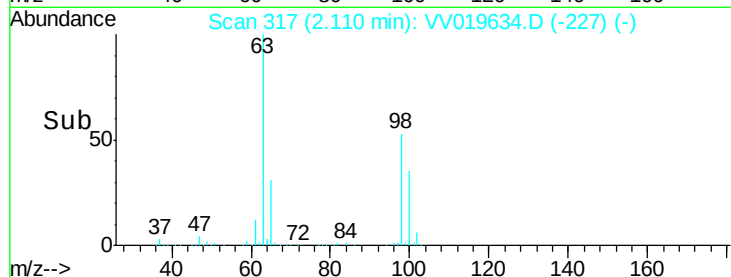
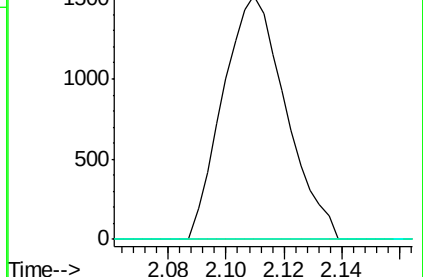
151 0.0 55.8 83.8#



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: 0.865 ug/L

RT: 4.38 min Scan# 1022

Delta R.T. -0.00 min

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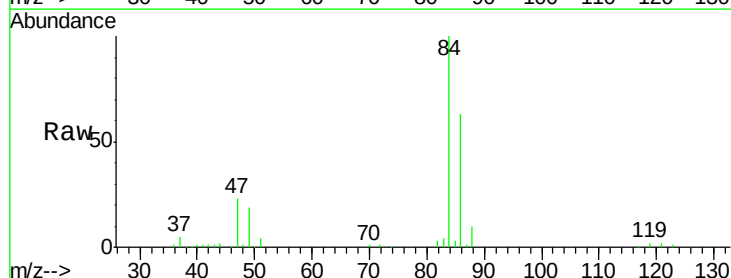
Acq: 15 Dec 2020 03:52

Tgt Ion: 83 Resp: 6430

Ion Ratio Lower Upper

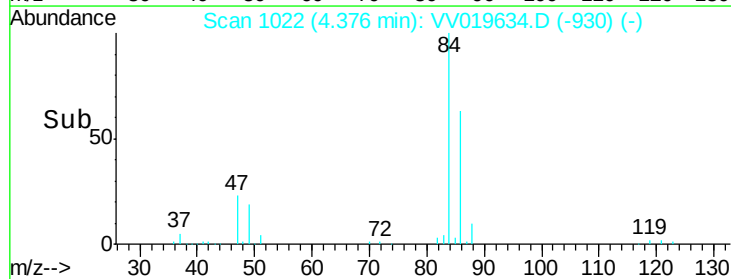
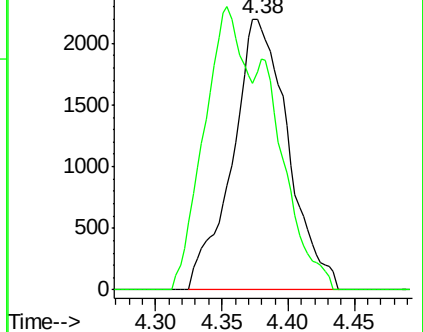
83 100

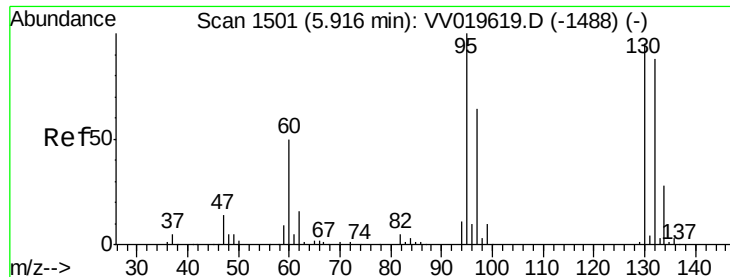
85 80.4 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.301 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

C0AX4

Tgt Ion: 95 Resp: 5530

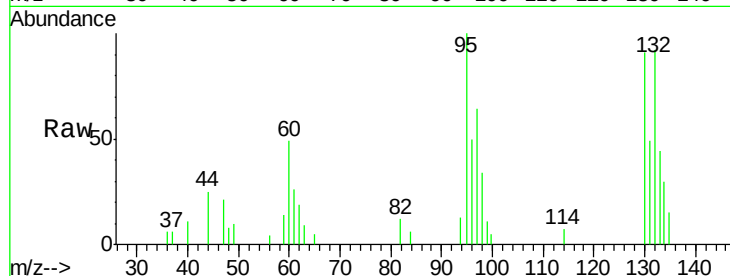
Ion Ratio Lower Upper

95 100

97 64.2 44.4 82.4

132 92.2 64.3 119.3

130 90.8 67.8 125.8

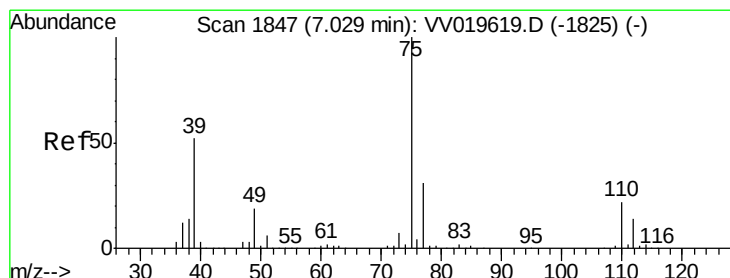
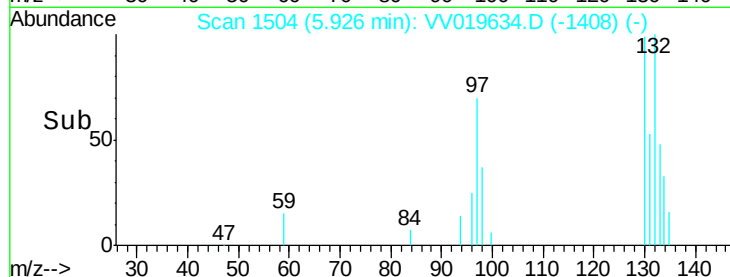
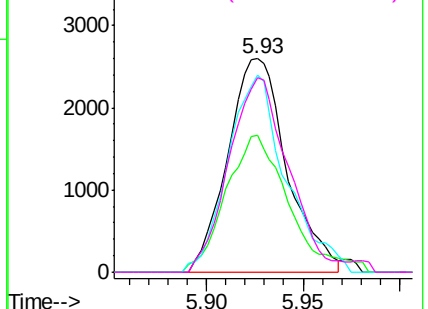


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.098 ug/L

RT: 6.99 min Scan# 1834

Delta R.T. -0.04 min

Lab File: VV019634.D

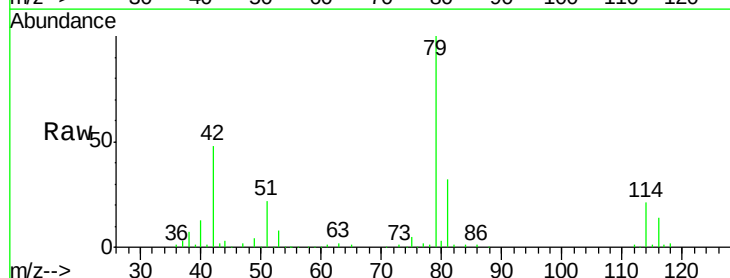
Acq: 15 Dec 2020 03:52

Tgt Ion: 75 Resp: 7664

Ion Ratio Lower Upper

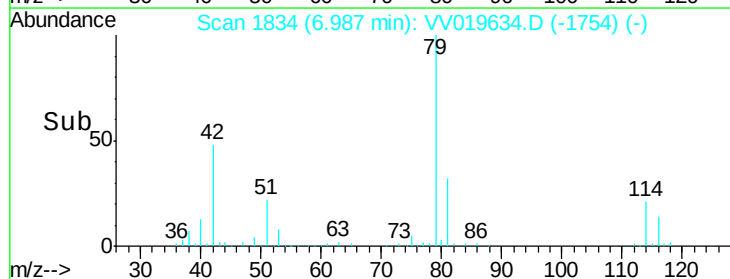
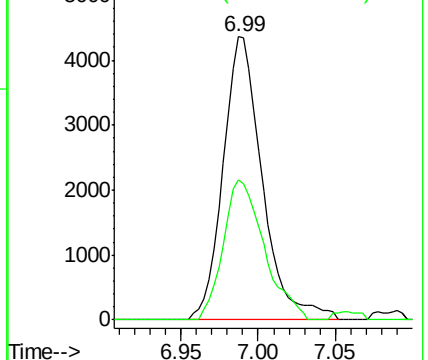
75 100

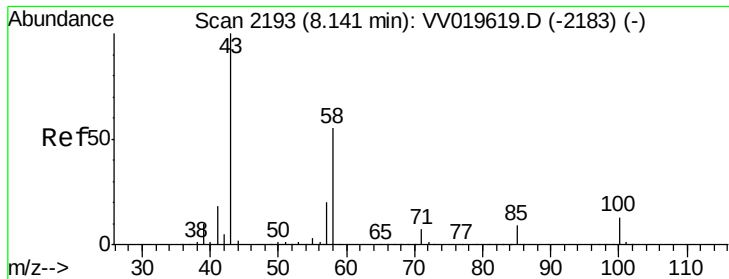
77 49.7 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

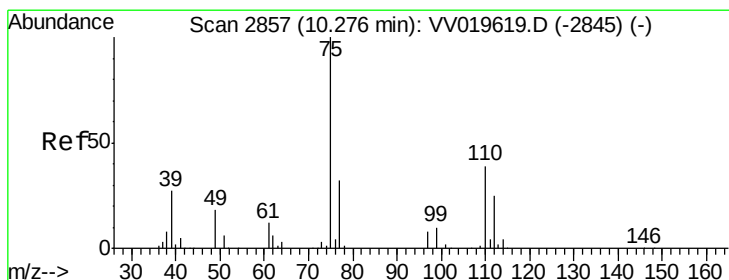
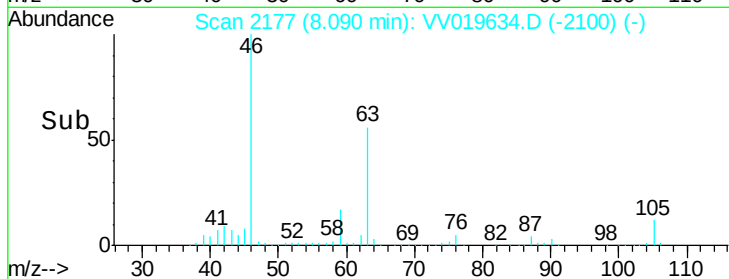
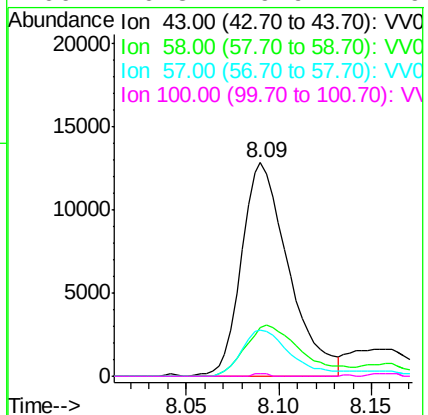
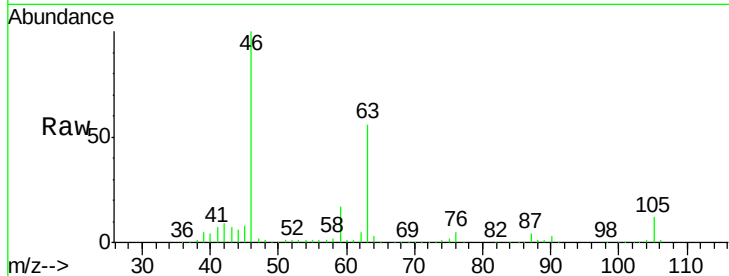




#48
 2-Hexanone
 Concen: 4.921 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019634.D
 Acq: 15 Dec 2020 03:52

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Tgt Ion: 43 Resp: 22643
 Ion Ratio Lower Upper
 43 100
 58 27.8 44.4 66.6#
 57 23.2 15.7 23.5
 100 0.3 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.207 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019634.D
 Acq: 15 Dec 2020 03:52

Tgt Ion: 75 Resp: 32452
 Ion Ratio Lower Upper
 75 100
 77 40.3 25.8 38.8#

