

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019583.D
 Acq On : 13 Dec 2020 02:52
 Operator : SY/MD
 Sample : L4998-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT2

Quant Time: Dec 13 07:42:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	622489	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	578366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	265722	50.00	ug/L	0.00

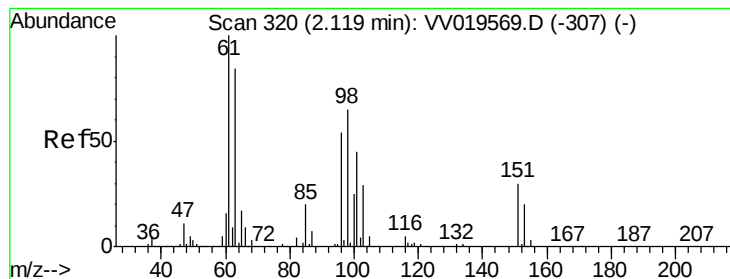
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	240373	53.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.70%
7) Chloroethane-d5	1.57	69	198680	56.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.86%
11) 1,1-Dichloroethene-d2	2.11	63	354431	42.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.56%
21) 2-Butanone-d5	3.90	46	278918	114.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.96%
24) Chloroform-d	4.35	84	429808	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.86%
26) 1,2-Dichloroethane-d4	5.04	65	300026	57.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.14%
32) Benzene-d6	5.05	84	860518	55.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.58%
36) 1,2-Dichloropropane-d6	6.07	67	272385	56.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.74%
41) Toluene-d8	7.32	98	766331	55.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.36%
43) trans-1,3-Dichloropropene-	7.62	79	132315	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.28%
47) 2-Hexanone-d5	8.09	63	205287	108.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.25%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	347721	53.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.63	152	273284	55.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.04%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2978	0.824 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	4963	1.338 ug/L #	1
39) cis-1,3-Dichloropropene	6.99	75	9184	1.253 ug/L #	78
48) 2-Hexanone	8.09	43	24476	5.065 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	35089	6.391 ug/L #	88

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



#10

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

Concen: 0.824 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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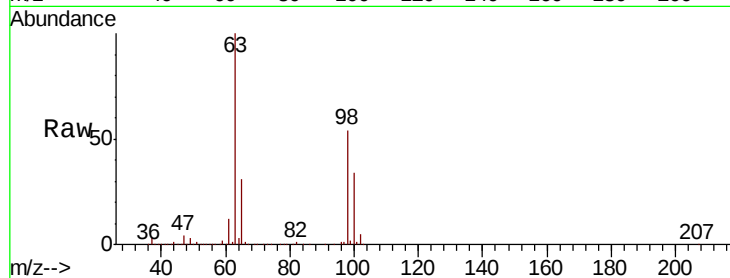
Tot Ion:101 Resp: 2978

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

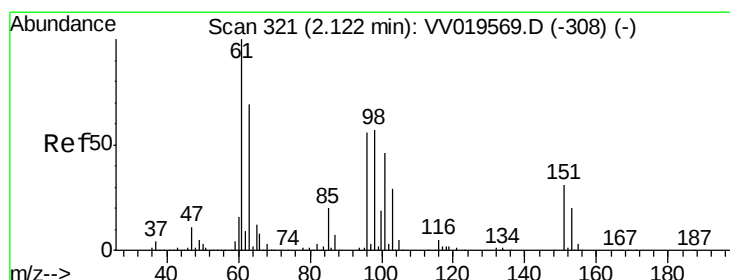
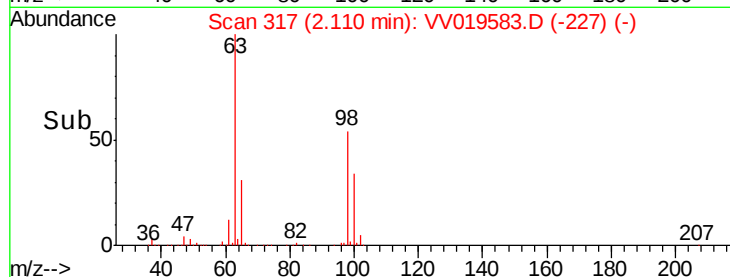
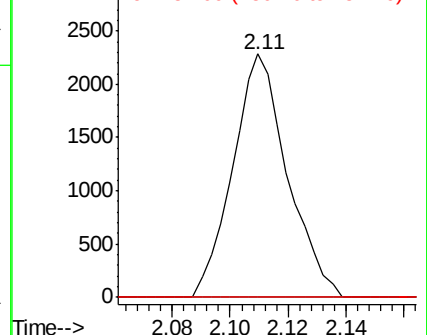
151 0.0 55.8 83.8#



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



#12

1,1-Dichloroethene

Concen: 1.338 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV019583.D

Acq: 13 Dec 2020 02:52

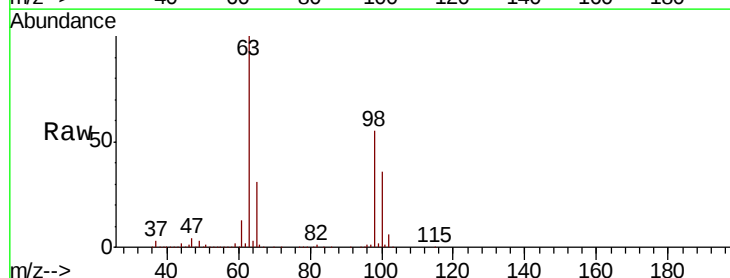
Tgt Ion: 96 Resp: 4963

Ion Ratio Lower Upper

96 100

61 1047.9 120.7 224.1#

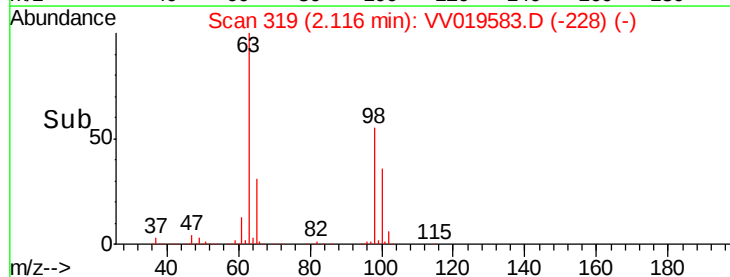
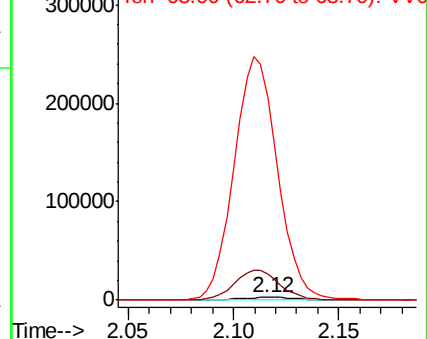
63 8212.2 64.3 119.5#

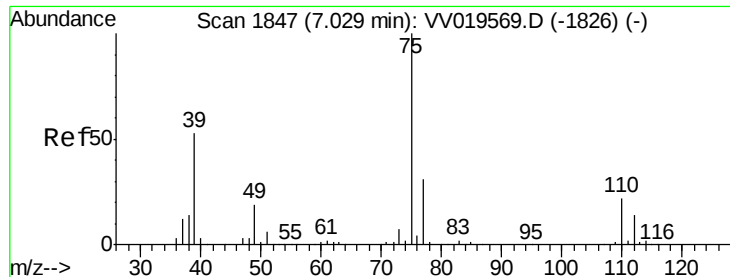


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.253 ug/L

RT: 6.99 min Scan# 1836

Delta R.T. -0.04 min

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MSVOA_V

ClientSampleId :

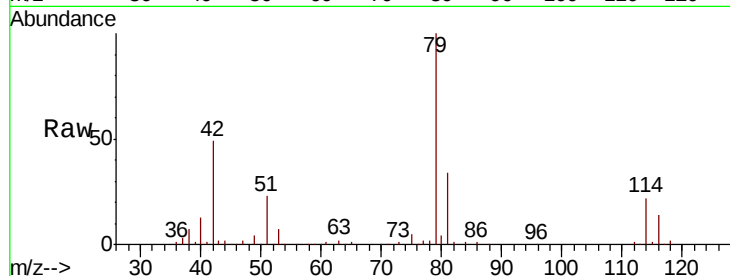
C0AT2

Tot Ion: 75 Resp: 9184

Ion Ratio Lower Upper

75 100

77 44.3 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV019569.D (-1826) (-)

Ion 77.00 (76.70 to 77.70): VV019569.D (-1826) (-)

6.99

5000

4000

3000

2000

1000

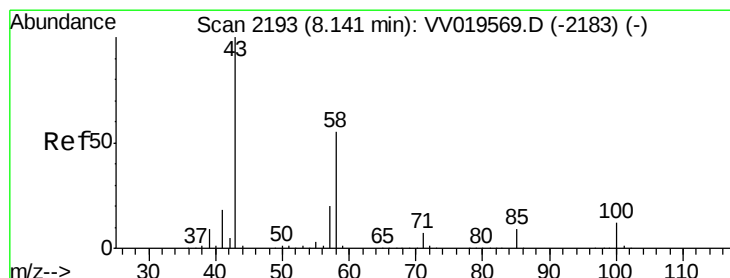
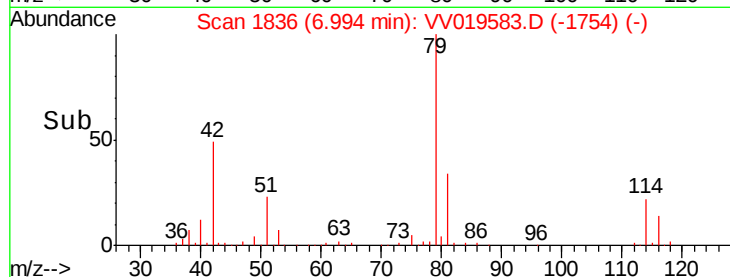
0

6.95

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 5.065 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019583.D

Acq: 13 Dec 2020 02:52

Tgt Ion: 43 Resp: 24476

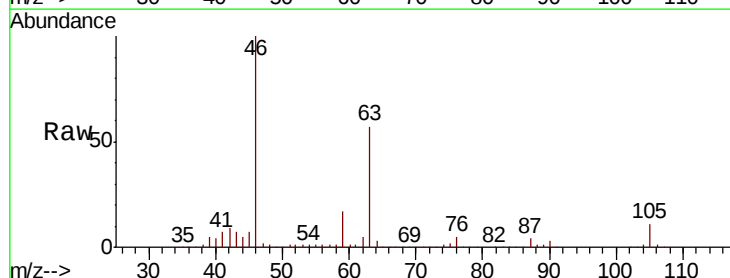
Ion Ratio Lower Upper

43 100

58 25.0 44.4 66.6#

57 22.2 15.7 23.5

100 0.0 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VV019569.D (-2183) (-)

Ion 58.00 (57.70 to 58.70): VV019569.D (-2183) (-)

Ion 57.00 (56.70 to 57.70): VV019569.D (-2183) (-)

Ion 100.00 (99.70 to 100.70): VV019569.D (-2183) (-)

8.09

20000

15000

10000

5000

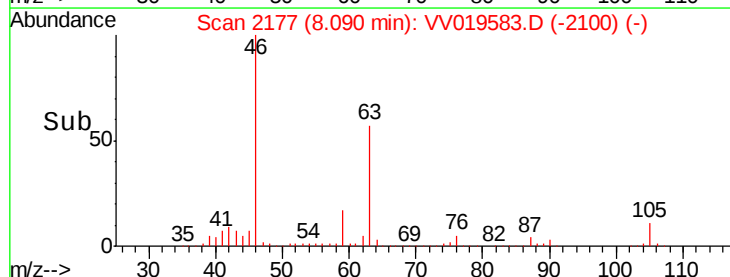
0

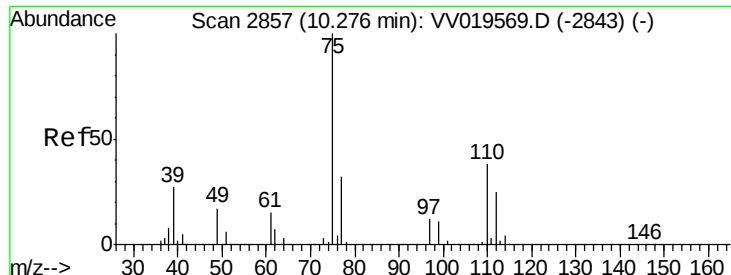
8.05

8.10

8.15

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.391 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019583.D

Acq: 13 Dec 2020 02:52

Instrument :

MSVOA_V

ClientSampleId :

C0AT2

Tot Ion: 75 Resp: 35089

Ion Ratio Lower Upper

75 100

77 39.0 25.8 38.8#

