

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019572.D
 Acq On : 12 Dec 2020 22:28
 Operator : SY/MD
 Sample : L4998-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS1

Quant Time: Dec 13 07:41:20 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	623710	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	578708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	265089	50.00	ug/L	0.00

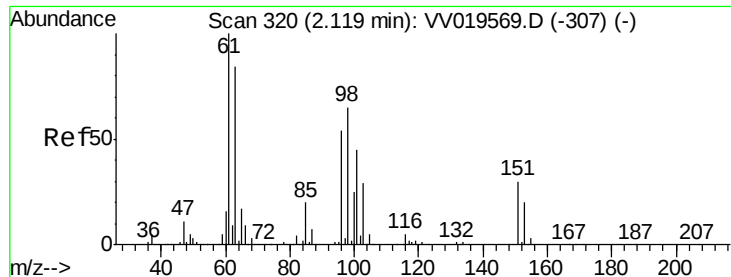
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	247841	55.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.82%
7) Chloroethane-d5	1.57	69	203261	57.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.24%
11) 1,1-Dichloroethene-d2	2.11	63	354158	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.32%
21) 2-Butanone-d5	3.90	46	285610	117.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.49%
24) Chloroform-d	4.35	84	430705	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.86%
26) 1,2-Dichloroethane-d4	5.04	65	302624	57.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.90%
32) Benzene-d6	5.05	84	870907	56.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.86%
36) 1,2-Dichloropropane-d6	6.07	67	274617	56.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.60%
41) Toluene-d8	7.32	98	772328	55.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.16%
43) trans-1,3-Dichloropropene-	7.62	79	136541	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.30%
47) 2-Hexanone-d5	8.09	63	205140	108.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.11%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	351201	53.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.63	152	276469	55.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.58%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3126	0.863 ug/L #	24
13) Acetone	2.19	43	22055	10.650 ug/L	96
35) Methylcyclohexane	6.07	83	66133	9.743 ug/L #	17
46) Tetrachloroethene	7.98	164	2104	0.681 ug/L	92
59) 1,2,3-Trichloropropane	11.25	75	36241	6.597 ug/L	92

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



#10

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

Concen: 0.863 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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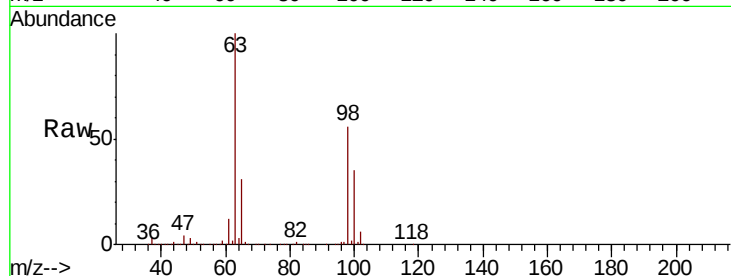
Tot Ion:101 Resp: 3126

Ion Ratio Lower Upper

101 100

85 3.6 35.0 52.4#

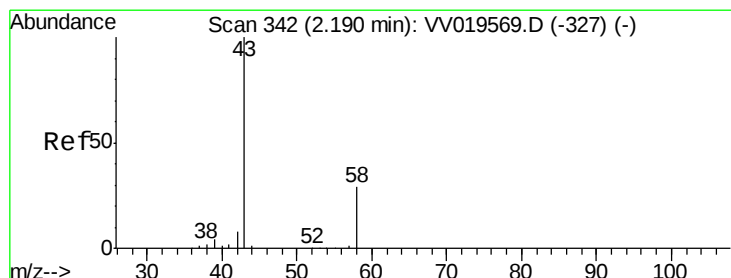
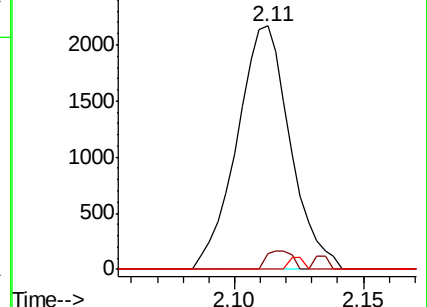
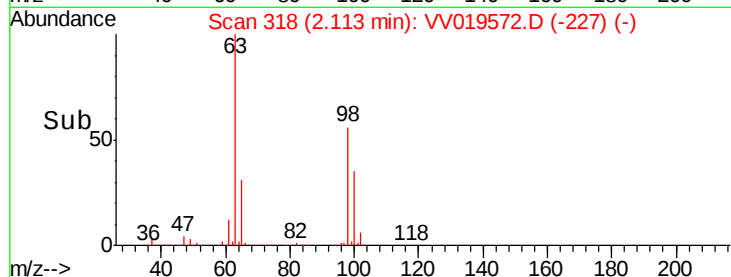
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019572.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019572.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019572.D (-227) (-)



#13

Acetone

Concen: 10.650 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV019572.D

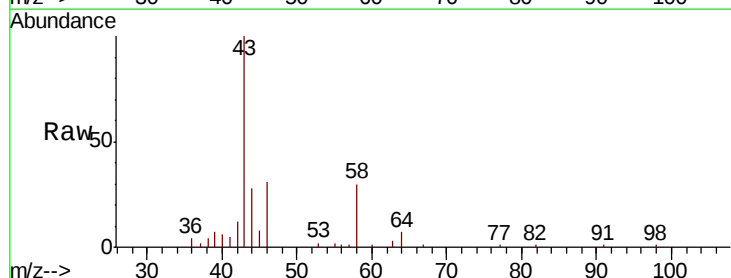
Acq: 12 Dec 2020 22:28

Tgt Ion: 43 Resp: 22055

Ion Ratio Lower Upper

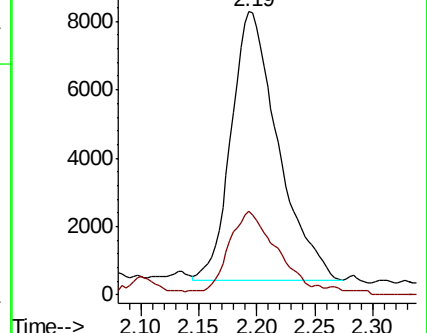
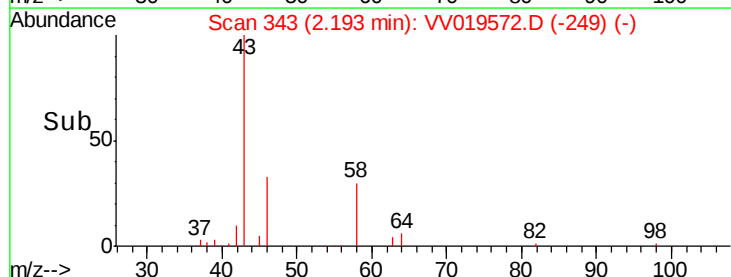
43 100

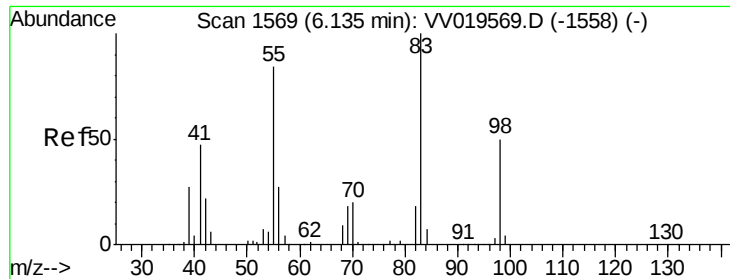
58 28.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019572.D (-249) (-)

Ion 58.00 (57.70 to 58.70): VV019572.D (-249) (-)

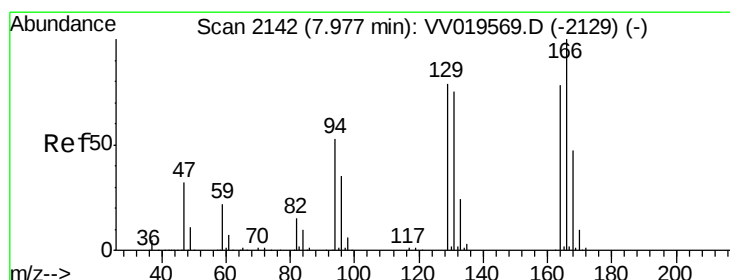
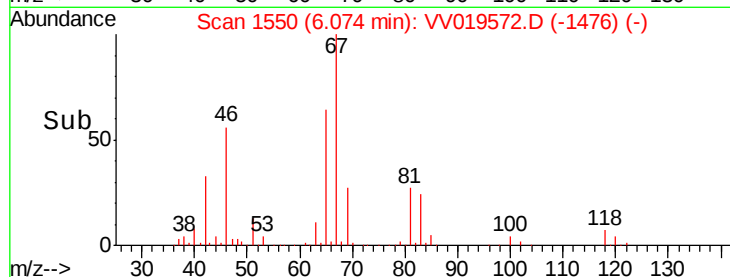
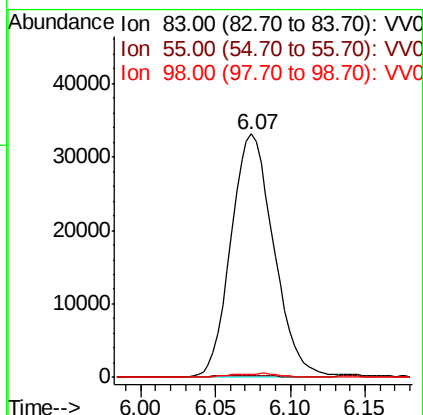
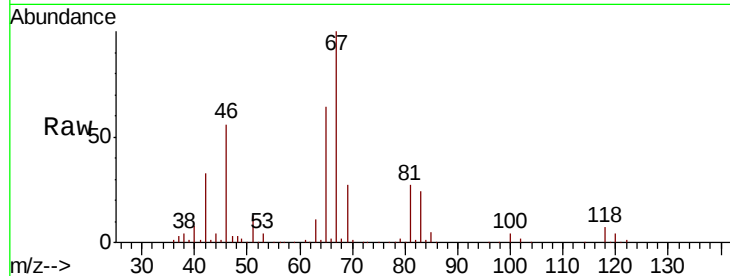




#35
Methvlcvclohexane
Concen: 9.743 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.06 min
Lab File: VV019572.D
Acq: 12 Dec 2020 22:28

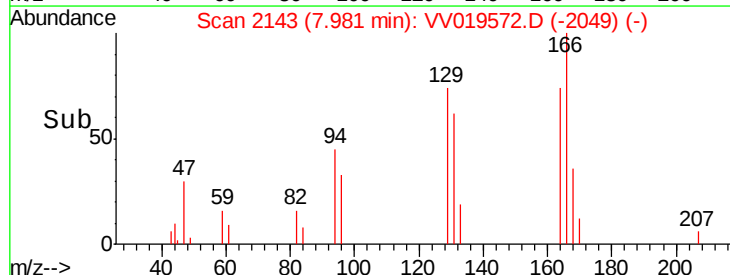
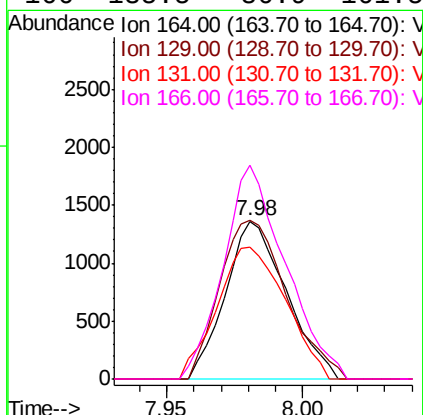
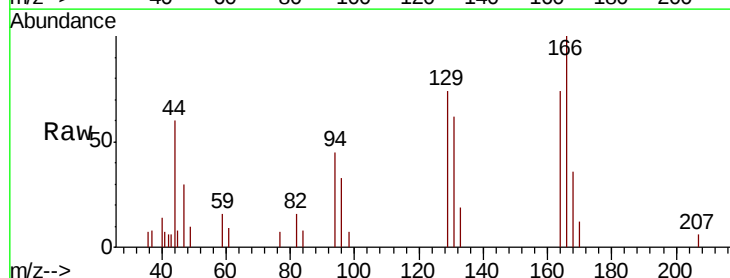
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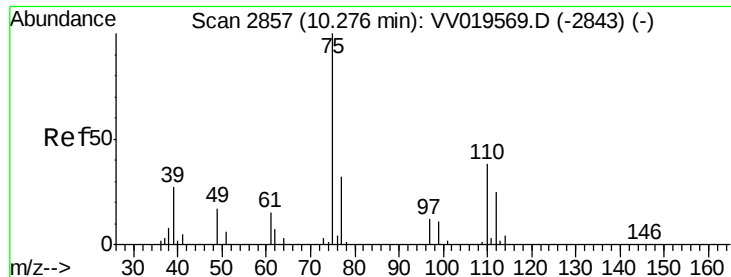
Tot Ion: 83 Resp: 66133
Ion Ratio Lower Upper
83 100
55 0.6 64.2 96.4#
98 0.7 39.3 58.9#



#46
Tetrachloroethene
Concen: 0.681 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VV019572.D
Acq: 12 Dec 2020 22:28

Tgt Ion:164 Resp: 2104
Ion Ratio Lower Upper
164 100
129 100.7 70.6 131.0
131 83.5 68.0 126.4
166 135.5 86.9 161.5





#59

1,2,3-Trichloropropane

Concen: 6.597 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019572.D

Acq: 12 Dec 2020 22:28

Instrument :

MSVOA_V

ClientSampleId :

C0AS1

Tot Ion: 75 Resp: 36241

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8

