

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019586.D
 Acq On : 13 Dec 2020 04:04
 Operator : SY/MD
 Sample : L4998-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT7

Quant Time: Dec 13 07:42:32 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	590959	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	546334	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	250430	50.00	ug/L	0.00

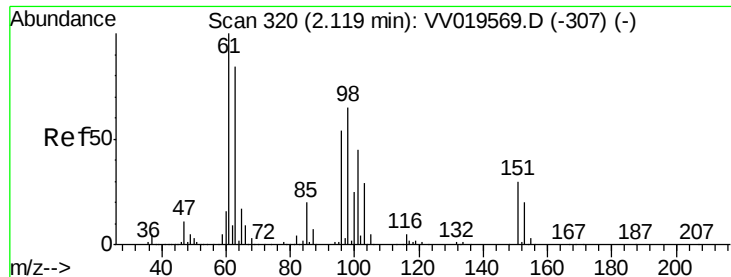
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	233624	55.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.26%
7) Chloroethane-d5	1.57	69	194337	58.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.30%
11) 1,1-Dichloroethene-d2	2.11	63	336119	42.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.48%
21) 2-Butanone-d5	3.89	46	277537	120.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.50%
24) Chloroform-d	4.35	84	422769	55.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.72%
26) 1,2-Dichloroethane-d4	5.04	65	298529	59.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.62%
32) Benzene-d6	5.05	84	844459	57.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.90%
36) 1,2-Dichloropropane-d6	6.07	67	267351	58.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.14%
41) Toluene-d8	7.32	98	737715	56.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.46%
43) trans-1,3-Dichloropropene-	7.62	79	129492	49.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.76%
47) 2-Hexanone-d5	8.09	63	204174	113.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.97%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	349470	56.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	11.63	152	266053	56.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.66%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2848	0.830 ug/L #	22
13) Acetone	2.19	43	5510	2.808 ug/L	88
35) Methylcyclohexane	6.07	83	65888	10.283 ug/L #	17
39) cis-1,3-Dichloropropene	6.99	75	8453	1.221 ug/L #	61
48) 2-Hexanone	8.09	43	24135	5.287 ug/L #	69
59) 1,2,3-Trichloropropane	11.25	75	34366	6.626 ug/L	88

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



#10

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

Concen: 0.830 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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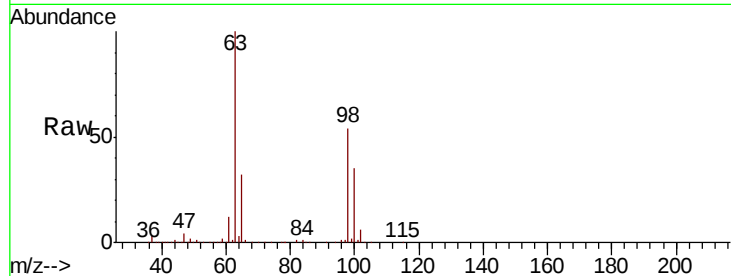
Tot Ion:101 Resp: 2848

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): VV019586.D (-227) (-)

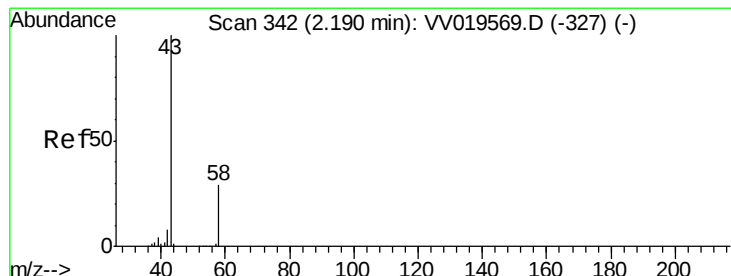
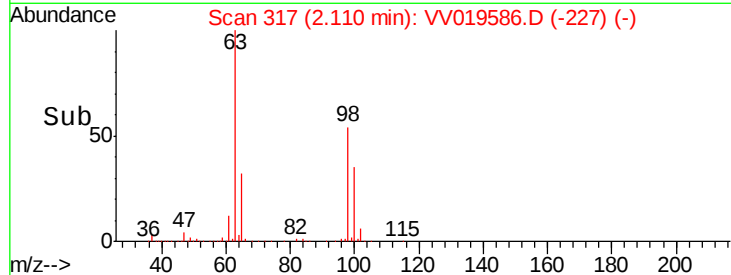
Ion 85.00 (84.70 to 85.70): VV019586.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019586.D (-227) (-)

2.11

2.08 2.10 2.12 2.14

Time-->



#13

Acetone

Concen: 2.808 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV019586.D

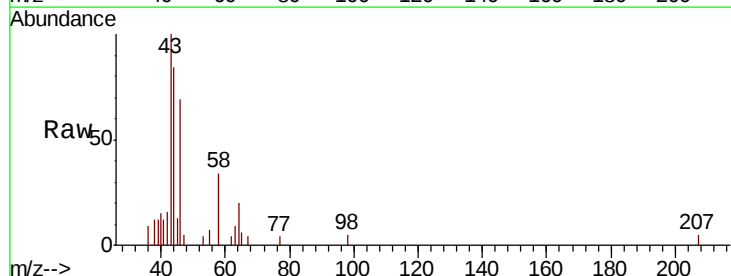
Acq: 13 Dec 2020 04:04

Tgt Ion: 43 Resp: 5510

Ion Ratio Lower Upper

43 100

58 24.3 0.0 61.6



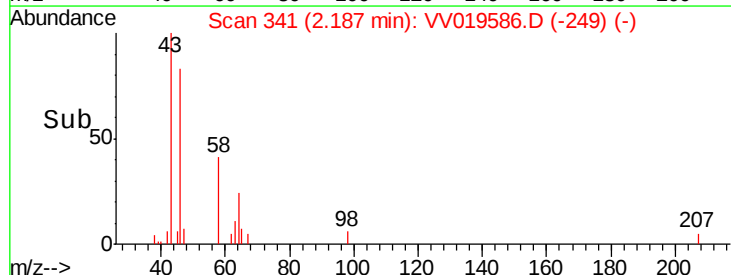
Abundance Ion 43.00 (42.70 to 43.70): VV019586.D (-249) (-)

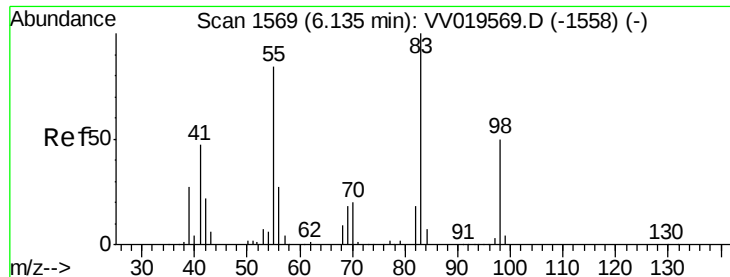
Ion 58.00 (57.70 to 58.70): VV019586.D (-249) (-)

2.19

2.15 2.20 2.25

Time-->

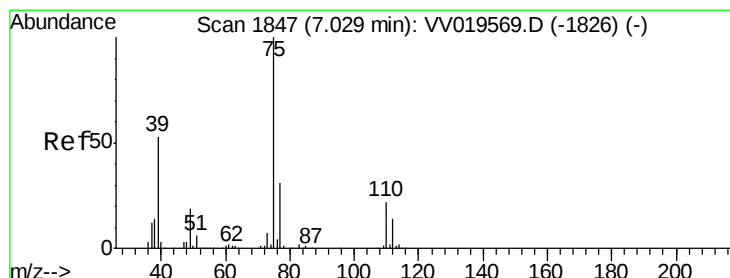
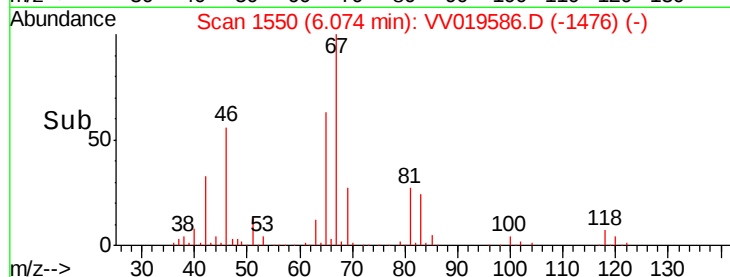
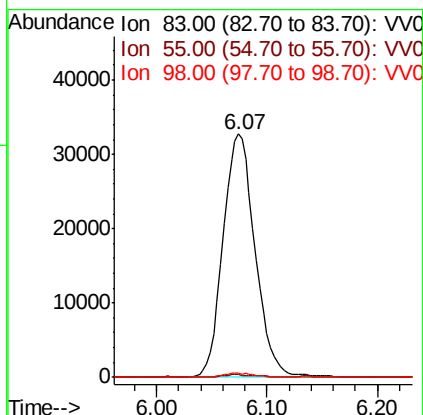
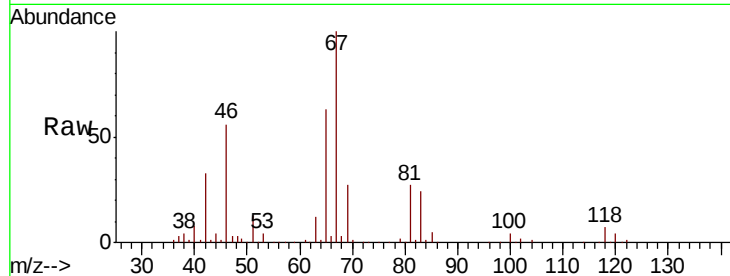




#35
Methylcyclohexane
Concen: 10.283 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.06 min
Lab File: VV019586.D
Acq: 13 Dec 2020 04:04

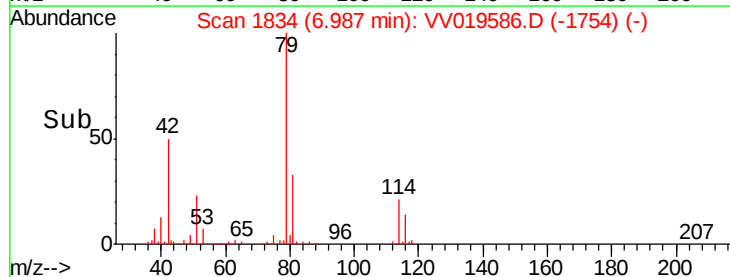
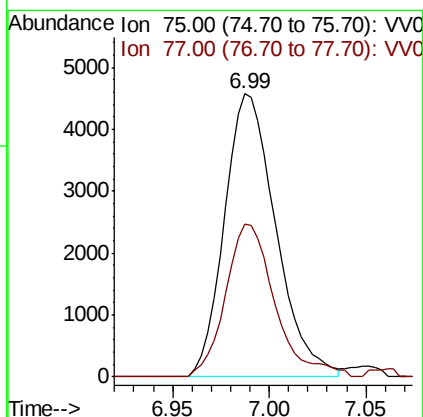
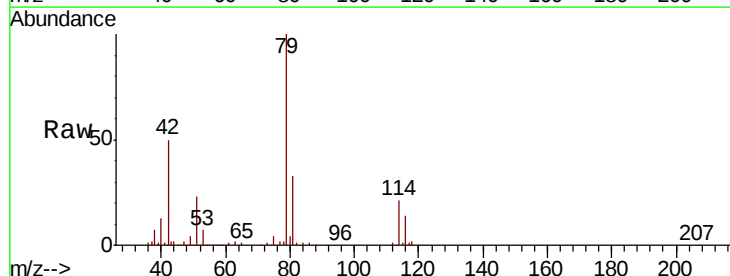
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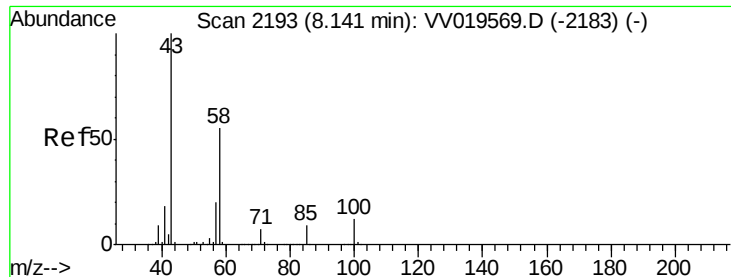
Tot Ion: 83 Resp: 65888
Ion Ratio Lower Upper
83 100
55 0.8 64.2 96.4#
98 1.0 39.3 58.9#



#39
cis-1,3-Dichloropropene
Concen: 1.221 ug/L
RT: 6.99 min Scan# 1834
Delta R.T. -0.04 min
Lab File: VV019586.D
Acq: 13 Dec 2020 04:04

Tgt Ion: 75 Resp: 8453
Ion Ratio Lower Upper
75 100
77 53.9 22.4 41.6#

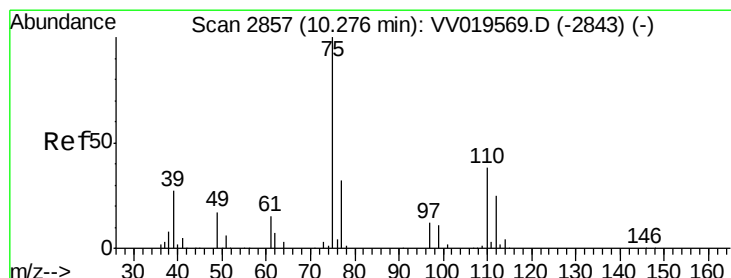
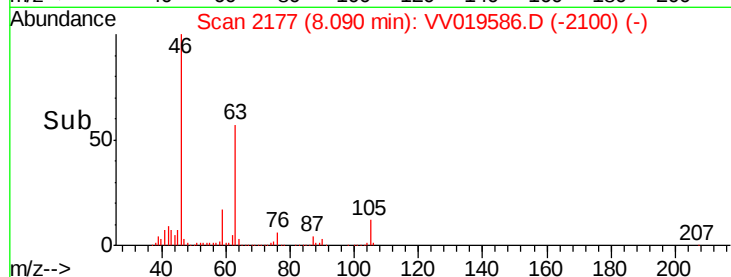
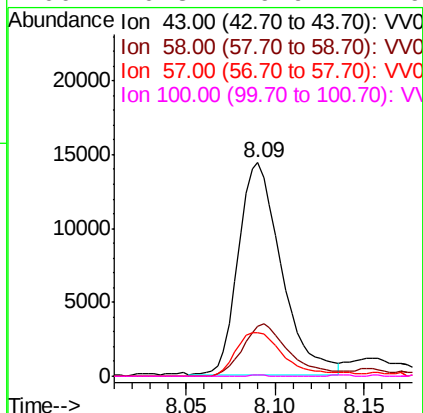
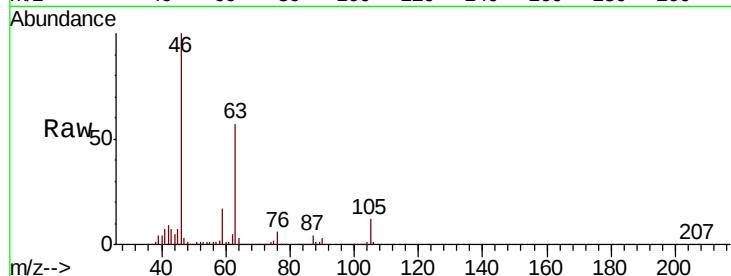




#48
 2-Hexanone
 Concen: 5.287 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019586.D
 Acq: 13 Dec 2020 04:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT7

Tot Ion: 43 Resp: 24135
 Ion Ratio Lower Upper
 43 100
 58 26.8 44.4 66.6#
 57 23.4 15.7 23.5
 100 0.3 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.626 ug/L
 RT: 11.25 min Scan# 3160
 Delta R.T. 0.97 min
 Lab File: VV019586.D
 Acq: 13 Dec 2020 04:04

Tgt Ion: 75 Resp: 34366
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.8 38.8

