

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082520\
 Data File : VV018094.D
 Acq On : 25 Aug 2020 17:12
 Operator : SY/MD
 Sample : L3800-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H0

Quant Time: Aug 26 02:13:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 26 02:11:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	258834	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	260894	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125972	50.00	ug/L	0.00

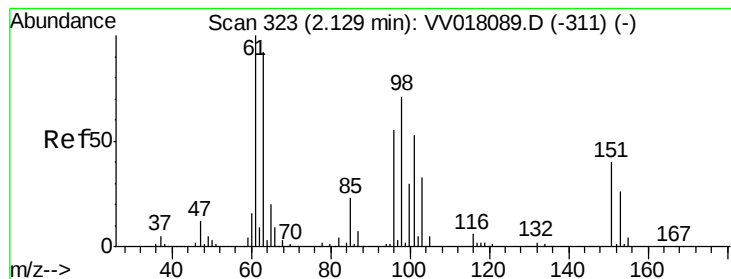
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91143	46.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.30%
7) Chloroethane-d5	1.58	69	79665	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.62%
11) 1,1-Dichloroethene-d2	2.12	63	139843	37.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.04%
21) 2-Butanone-d5	3.91	46	124675	96.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.39%
24) Chloroform-d	4.38	84	169068	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.06	65	119427	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
32) Benzene-d6	5.08	84	348719	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.09	67	114189	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.34	98	302966	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%
43) trans-1,3-Dichloropropene-	7.64	79	51849	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.26%
47) 2-Hexanone-d5	8.11	63	63285	83.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139435	45.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	128504	51.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.66%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1303	0.710 ug/L #	23
13) Acetone	2.19	43	2456	1.838 ug/L	95
25) Chloroform	4.41	83	8498	2.322 ug/L	93
35) Methylcyclohexane	6.10	83	26887	8.475 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12475	5.667 ug/L #	87
48) 2-Hexanone	8.16	43	5525	2.381 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	14981	5.511 ug/L	89

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



#10

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

Concen: 0.710 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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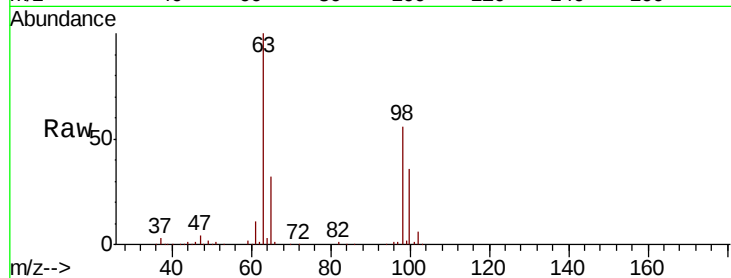
Tot Ion:101 Resp: 1303

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

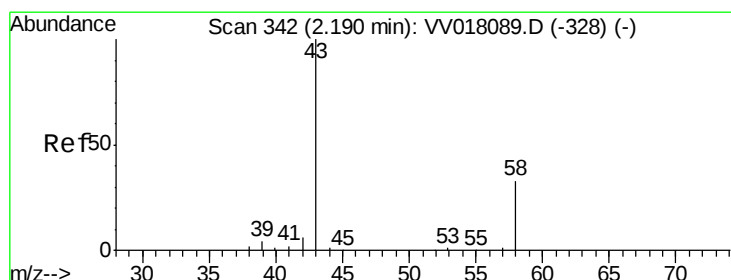
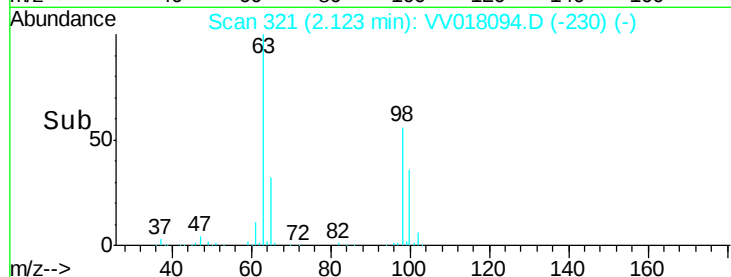
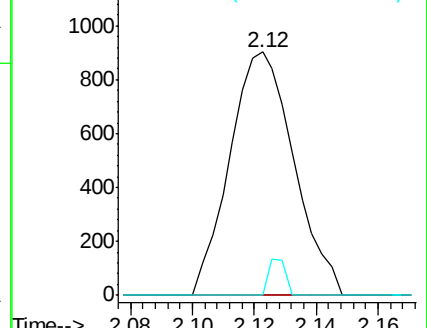
151 3.9 59.1 88.7#



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



#13

Acetone

Concen: 1.838 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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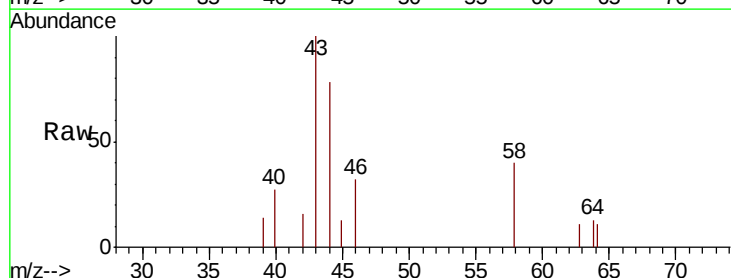
Acq: 25 Aug 2020 17:12

Tgt Ion: 43 Resp: 2456

Ion Ratio Lower Upper

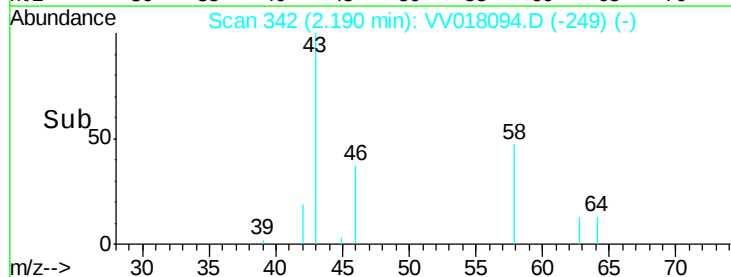
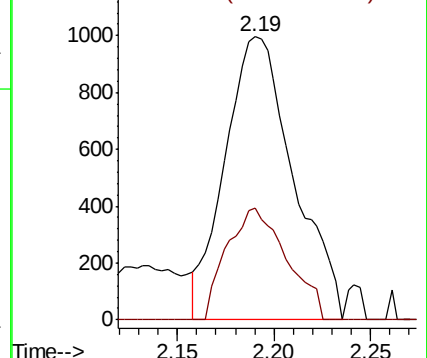
43 100

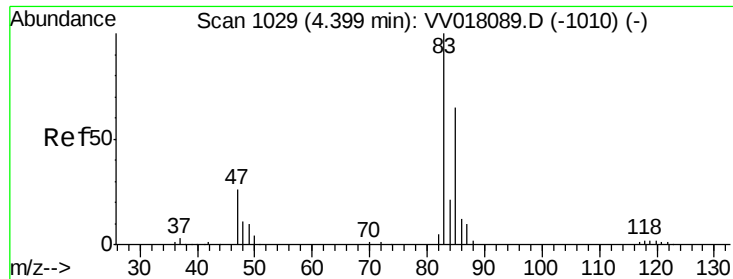
58 34.6 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

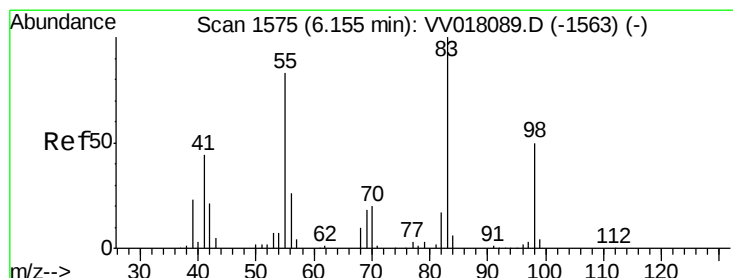
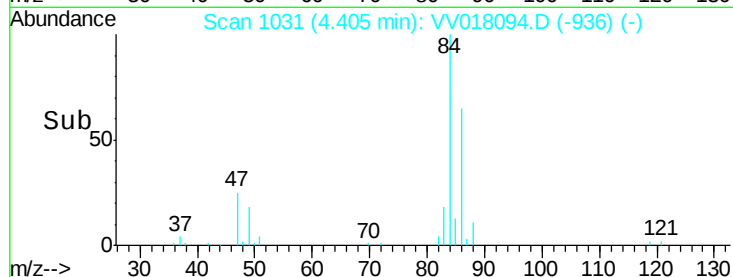
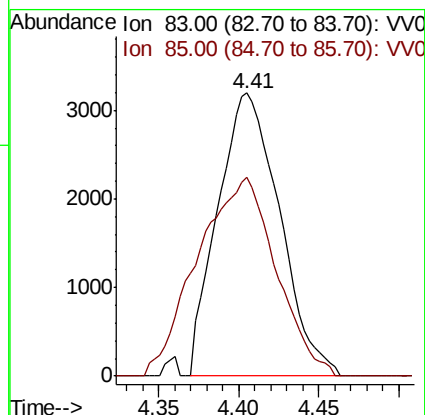
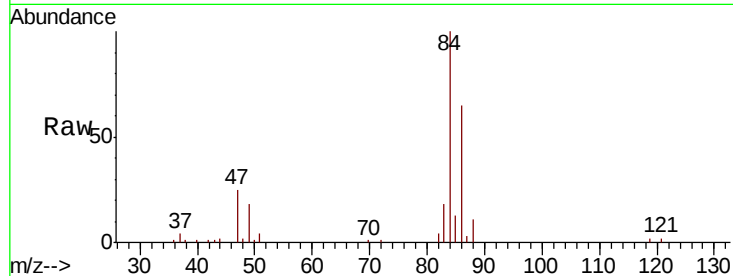




#25
Chloroform
Concen: 2.322 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018094.D
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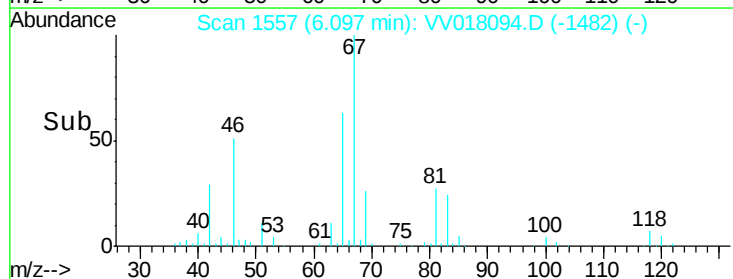
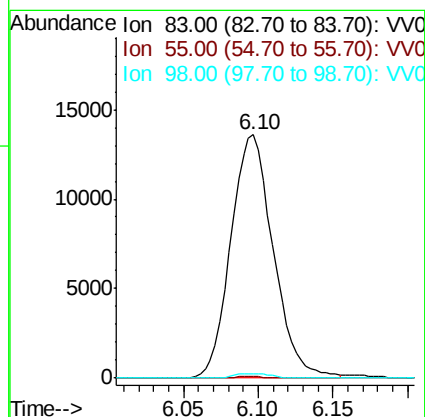
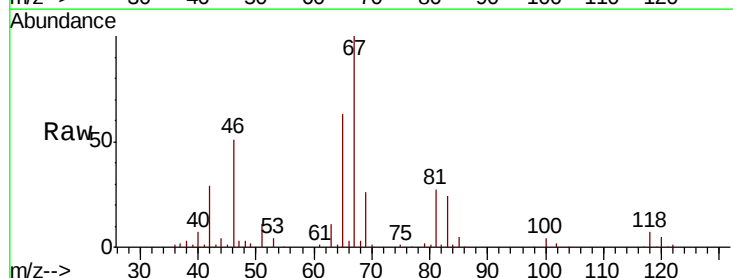
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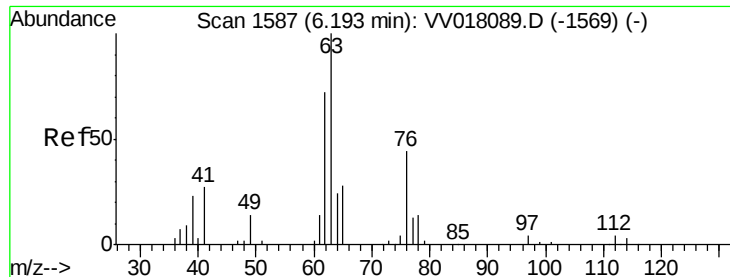
Tot Ion: 83 Resp: 8498
Ion Ratio Lower Upper
83 100
85 70.3 45.5 84.5



#35
Methylcyclohexane
Concen: 8.475 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018094.D
Acq: 25 Aug 2020 17:12

Tgt Ion: 83 Resp: 26887
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 0.8 38.7 58.1#

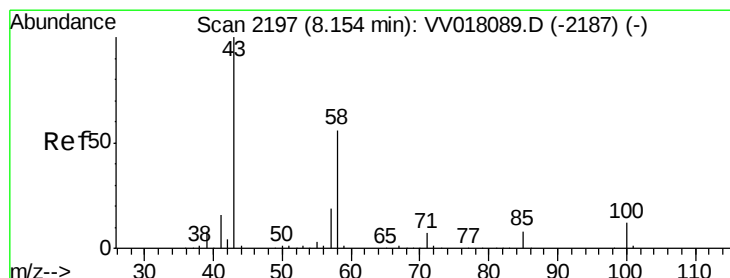
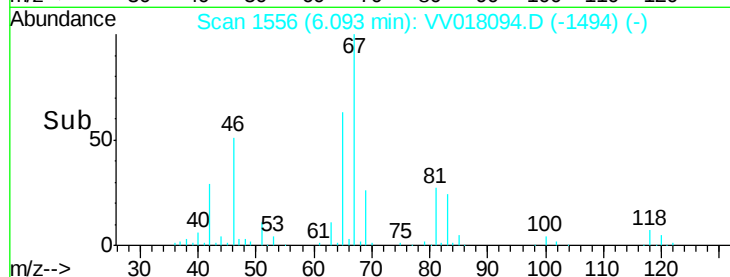
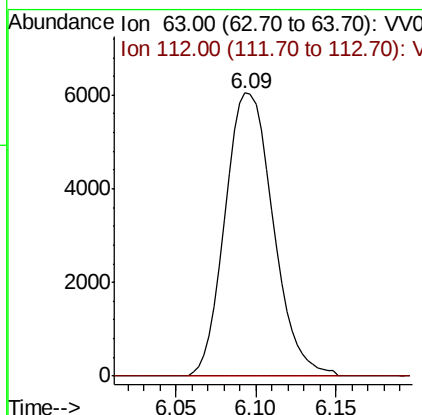
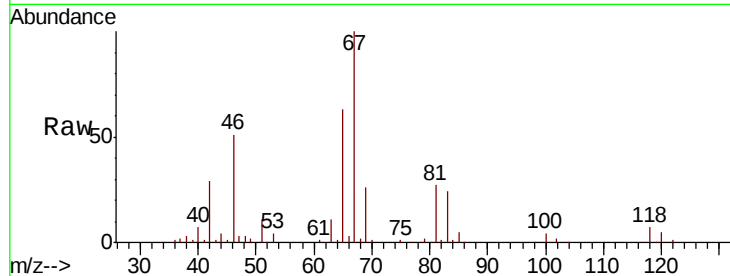




#37
 1,2-Dichloropropane
 Concen: 5.667 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018094.D
 Acq: 25 Aug 2020 17:12

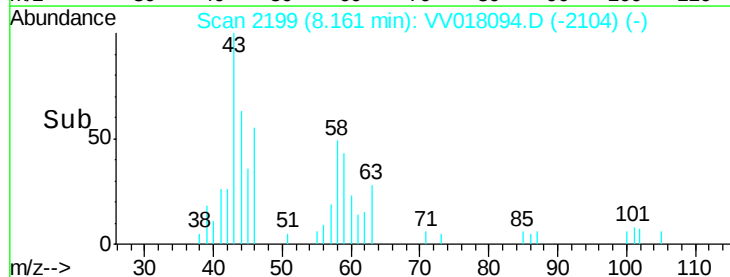
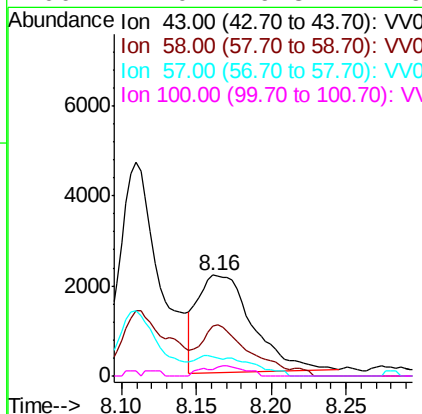
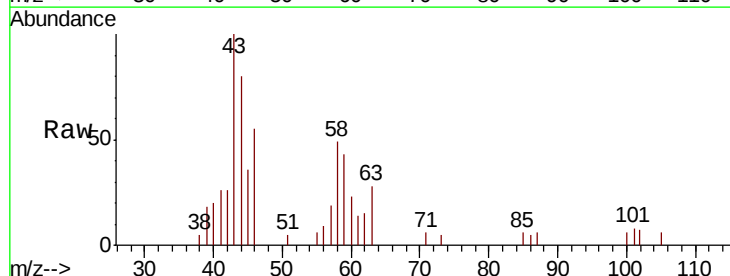
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H0

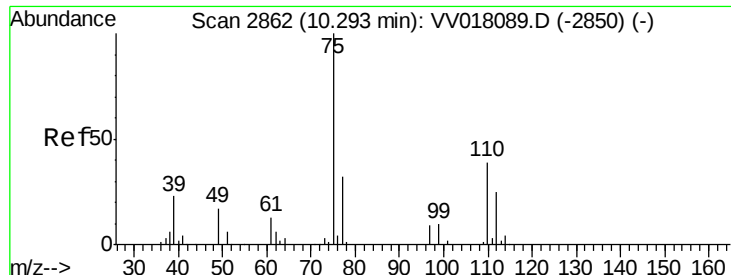
Tot Ion: 63 Resp: 12475
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 2.381 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018094.D
 Acq: 25 Aug 2020 17:12

Tgt Ion: 43 Resp: 5525
 Ion Ratio Lower Upper
 43 100
 58 33.0 44.4 66.6#
 57 2.8 15.2 22.8#
 100 2.0 9.8 14.6#





#59
 1,2,3-Trichloropropane
 Concen: 5.511 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018094.D
 Acq: 25 Aug 2020 17:12

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H0

Tot Ion: 75 Resp: 14981
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.7 38.5

