

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018276.D
 Acq On : 17 Sep 2020 14:13
 Operator : SY/MD
 Sample : L4024-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K3

Quant Time: Sep 18 06:19:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286146	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136772	50.00	ug/L	0.00

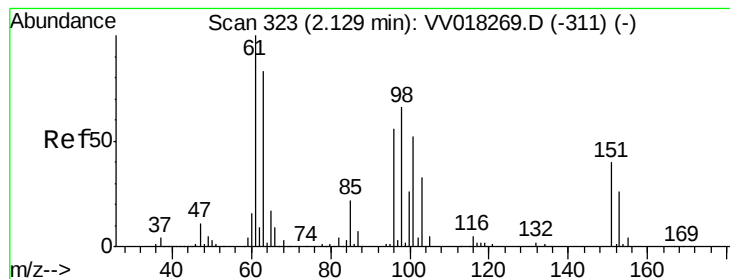
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92347	39.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	78447	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.22%
11) 1,1-Dichloroethene-d2	2.12	63	137324	32.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.20%
21) 2-Butanone-d5	3.92	46	119547	83.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.75%
24) Chloroform-d	4.38	84	171900	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.98%
26) 1,2-Dichloroethane-d4	5.06	65	115404	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.08	84	344457	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.78%
36) 1,2-Dichloropropane-d6	6.09	67	111139	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.10%
41) Toluene-d8	7.34	98	306940	41.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.90%
43) trans-1,3-Dichloropropene-	7.64	79	53797	41.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.00%
47) 2-Hexanone-d5	8.11	63	88270	90.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143264	44.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	130314	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1293	0.670 ug/L #	19
13) Acetone	2.20	43	3319	2.904 ug/L	77
35) Methylcyclohexane	6.10	83	26594	7.990 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11993	5.577 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3018	0.911 ug/L #	67
48) 2-Hexanone	8.11	43	10549	5.129 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	15879	6.278 ug/L	92

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



#10

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

Concen: 0.670 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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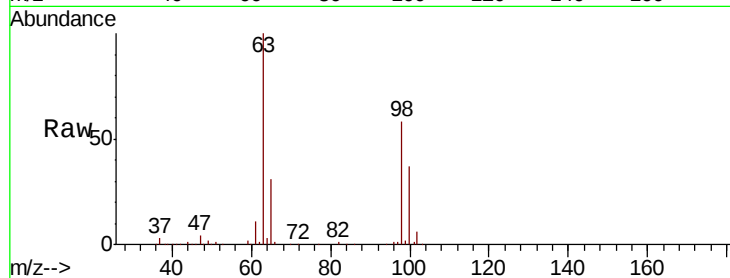
Tot Ion:101 Resp: 1293

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

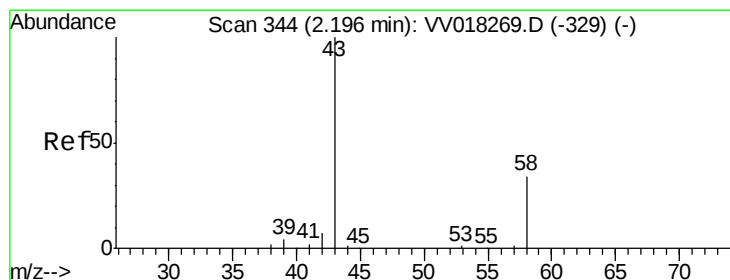
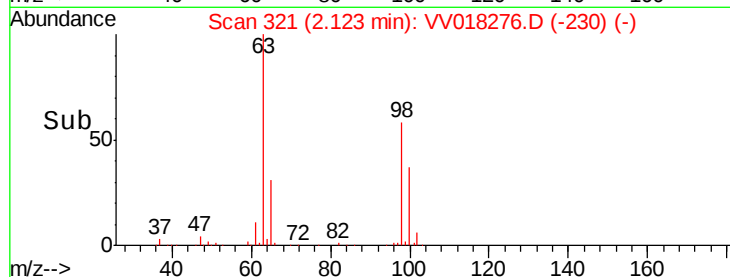
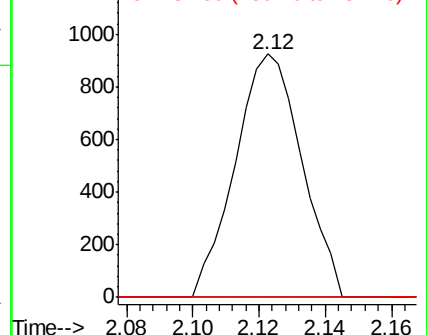
151 0.0 62.2 93.2#



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: 2.904 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

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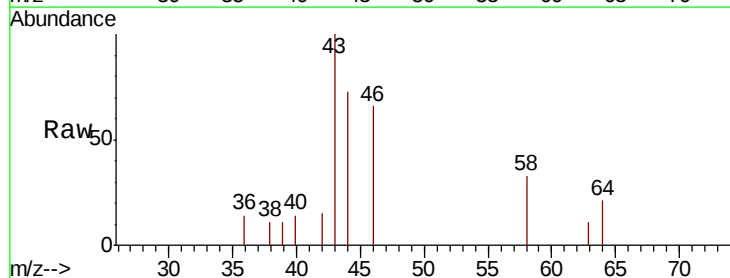
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Tgt Ion: 43 Resp: 3319

Ion Ratio Lower Upper

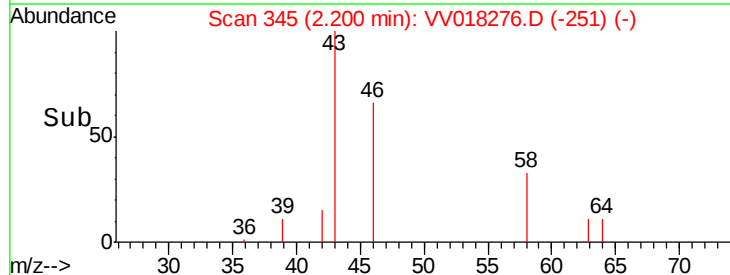
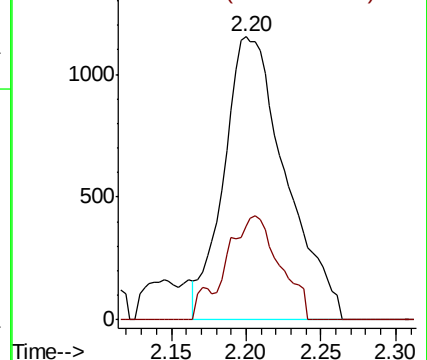
43 100

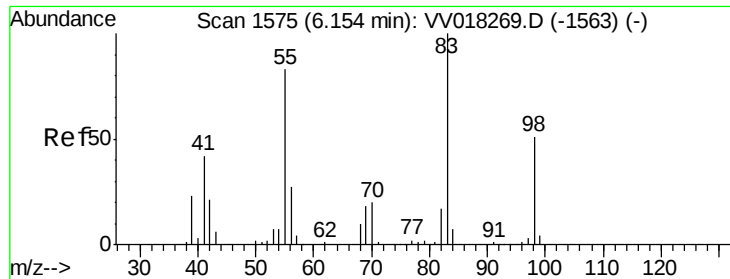
58 20.7 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

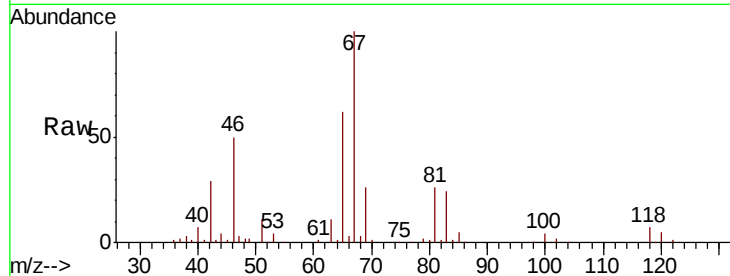




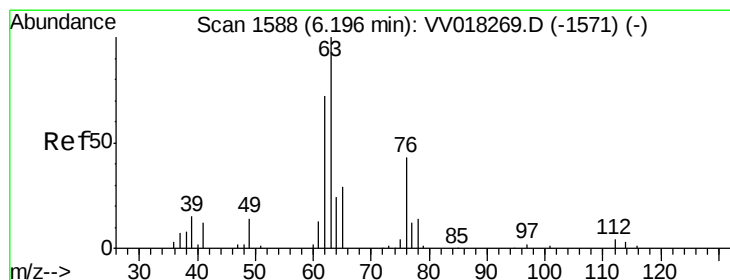
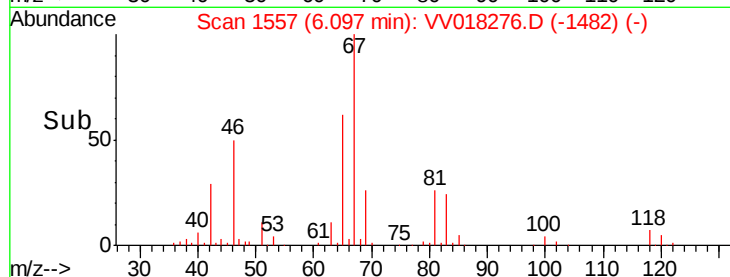
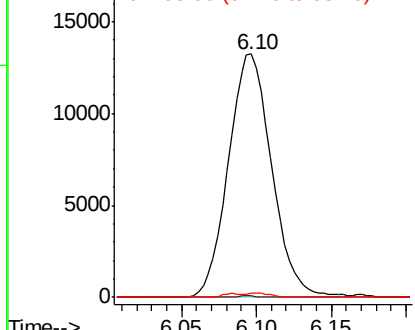
#35
Methvlcvclohexane
Concen: 7.990 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
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Tot Ion: 83 Resp: 26594
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 0.7 38.8 58.2#

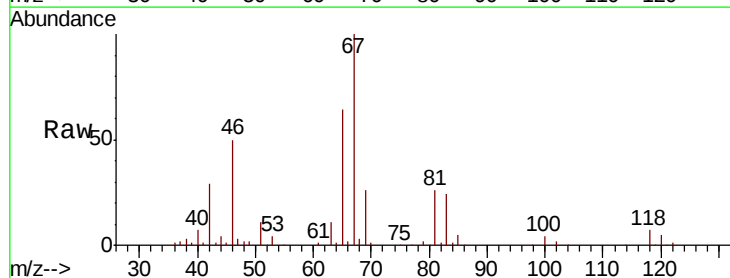


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

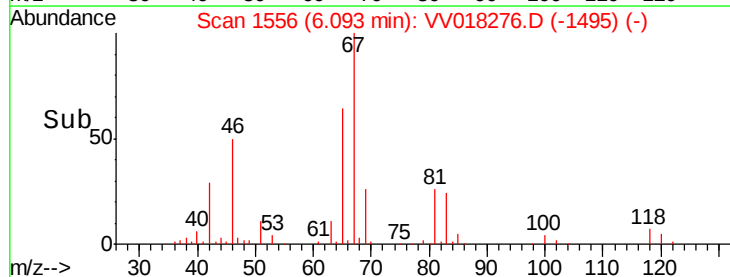
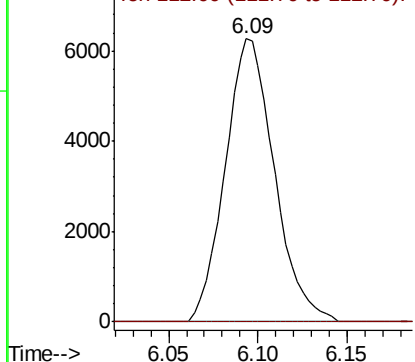


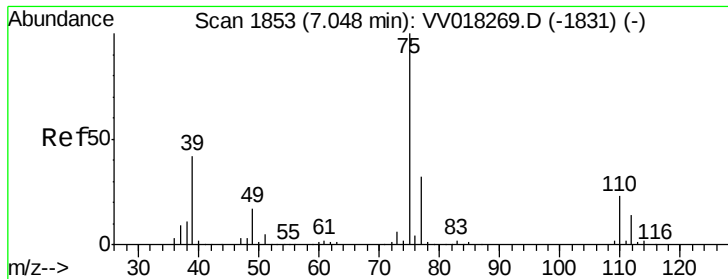
#37
1,2-Dichloropropane
Concen: 5.577 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018276.D
Acq: 17 Sep 2020 14:13

Tgt Ion: 63 Resp: 11993
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

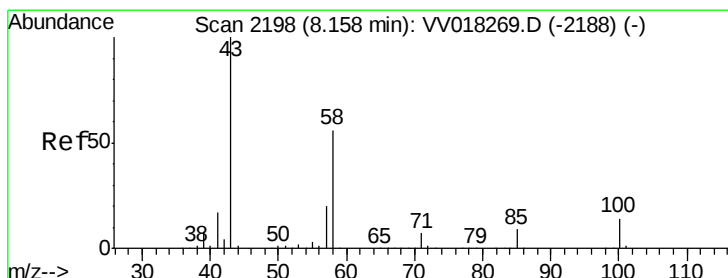
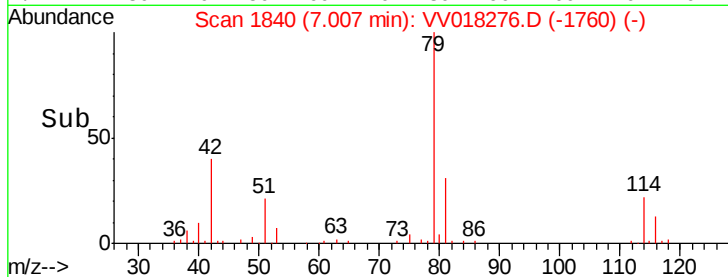
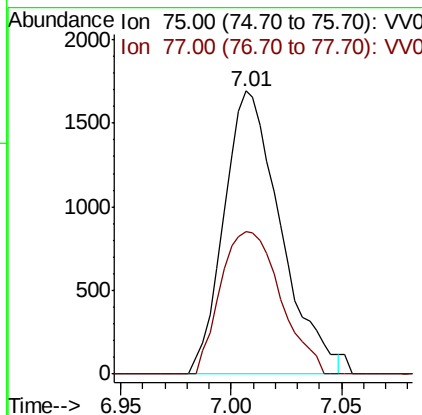
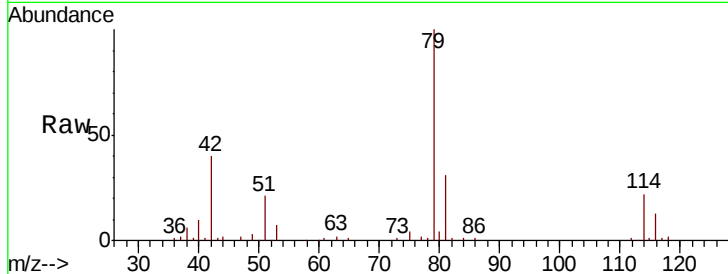




#39
 cis-1,3-Dichloropropene
 Concen: 0.911 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018276.D
 Acq: 17 Sep 2020 14:13

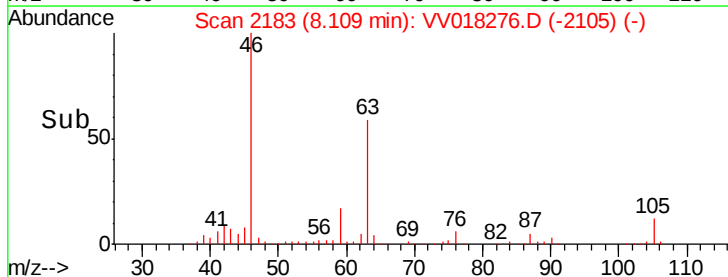
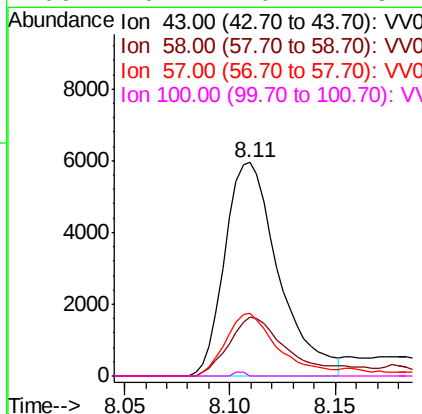
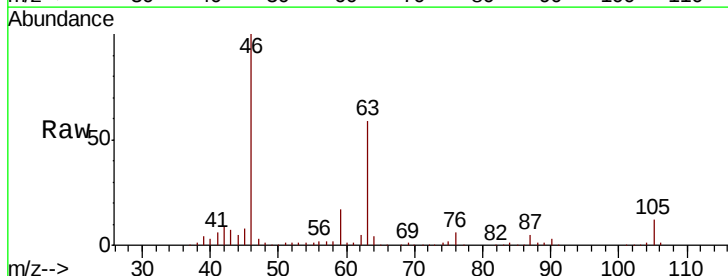
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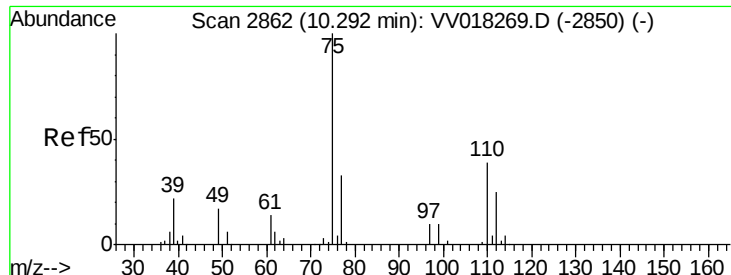
Tot Ion: 75 Resp: 3018
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.129 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018276.D
 Acq: 17 Sep 2020 14:13

Tgt Ion: 43 Resp: 10549
 Ion Ratio Lower Upper
 43 100
 58 31.8 44.8 67.2#
 57 27.9 15.8 23.6#
 100 0.4 10.2 15.4#





#59
 1,2,3-Trichloropropane
 Concen: 6.278 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018276.D
 Acq: 17 Sep 2020 14:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K3

Tot Ion: 75 Resp: 15879
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.8 38.6

