

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018902.D
 Acq On : 14 Oct 2020 18:44
 Operator : SY/MD
 Sample : L4382-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X1

Quant Time: Oct 15 02:09:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304661	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126855	50.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.16%
7) Chloroethane-d5	1.58	69	101249	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.92%
11) 1,1-Dichloroethene-d2	2.12	63	184053	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.76%
21) 2-Butanone-d5	3.91	46	152842	87.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.44%
24) Chloroform-d	4.37	84	224411	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.05	65	155762	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.16%
32) Benzene-d6	5.07	84	449505	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
36) 1,2-Dichloropropane-d6	6.09	67	146016	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.50%
41) Toluene-d8	7.34	98	401379	51.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.36%
43) trans-1,3-Dichloropropene-	7.64	79	67506	49.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.78%
47) 2-Hexanone-d5	8.11	63	83031	80.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143821	44.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	160481	56.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.26%

Target Compounds

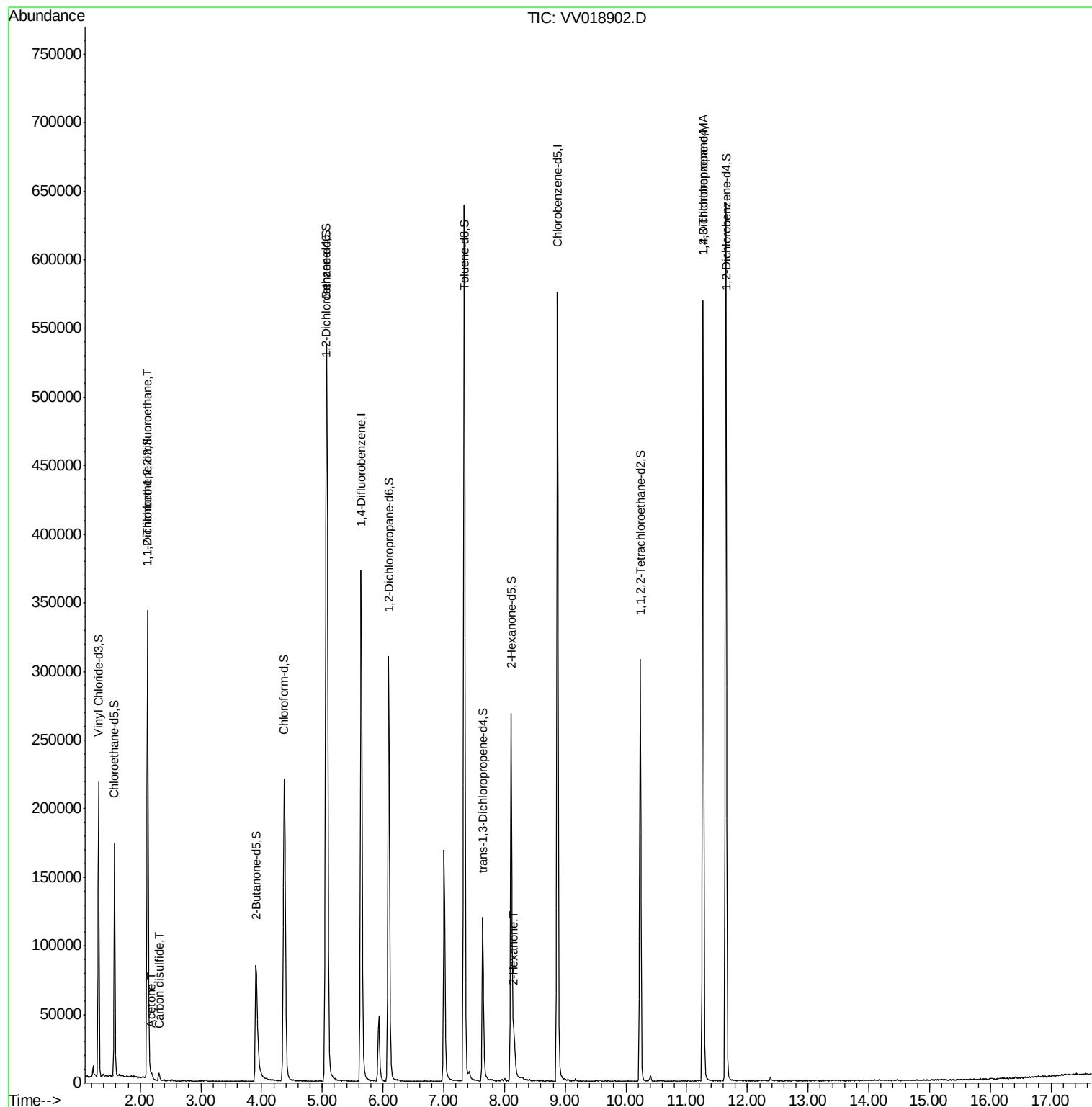
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1727	0.874	ug/L #	20
13) Acetone	2.19	43	3686	2.886	ug/L	96
14) Carbon disulfide	2.31	76	5883	0.862	ug/L	97
48) 2-Hexanone	8.16	43	17689	6.647	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	17920	6.083	ug/L	93

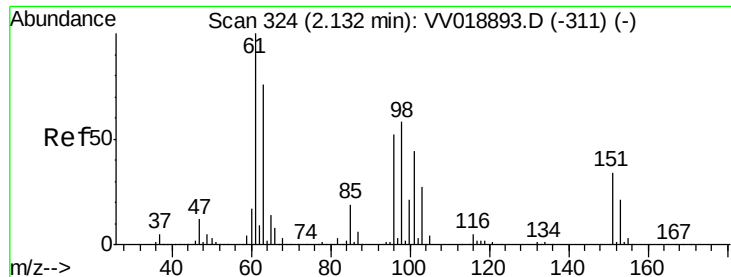
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.874 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018902.D

Acq: 14 Oct 2020 18:44

Instrument :

MSVOA_V

ClientSampled :

BG3X1

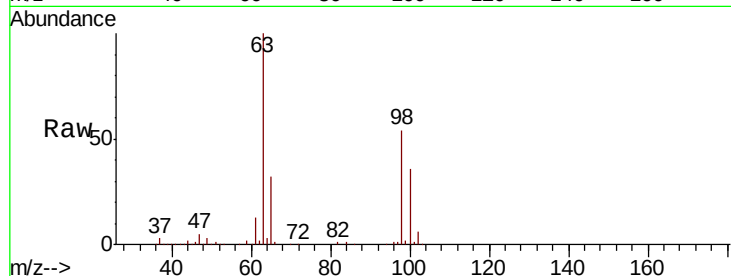
Tot Ion:101 Resp: 1727

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

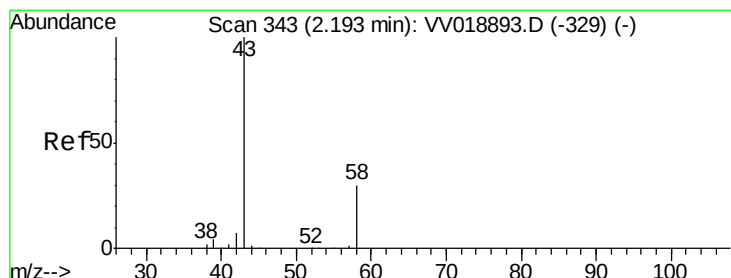
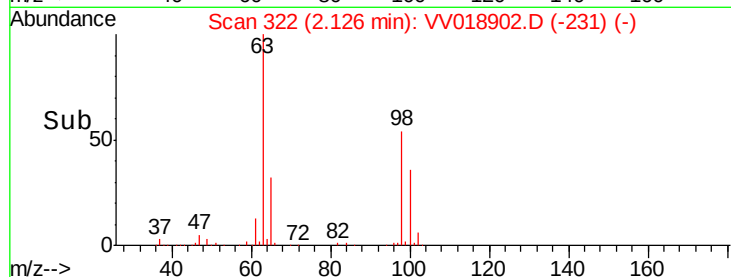
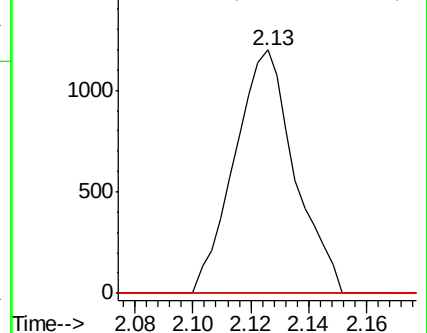
151 0.0 59.7 89.5#



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: 2.886 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV018902.D

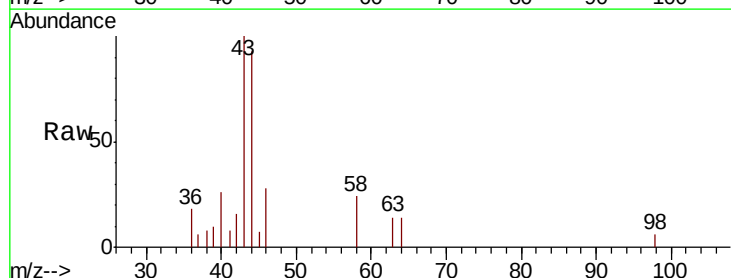
Acq: 14 Oct 2020 18:44

Tgt Ion: 43 Resp: 3686

Ion Ratio Lower Upper

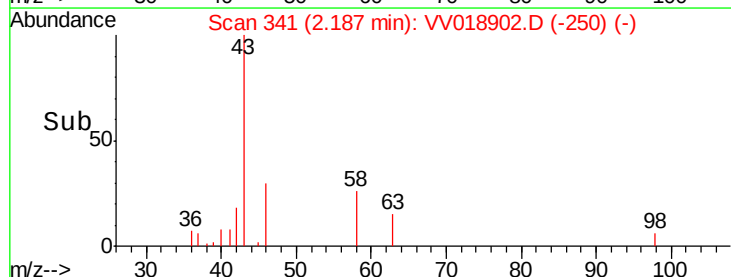
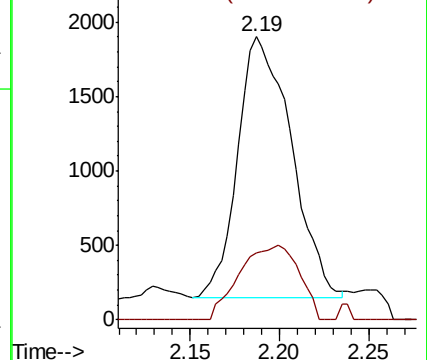
43 100

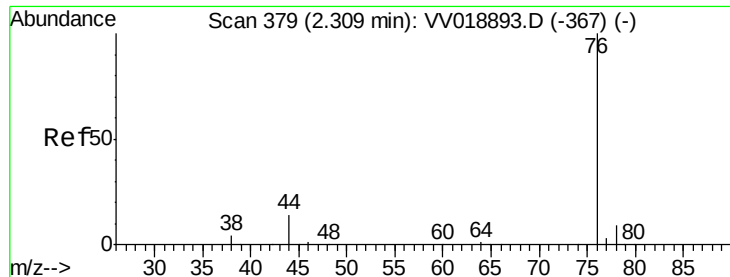
58 31.6 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

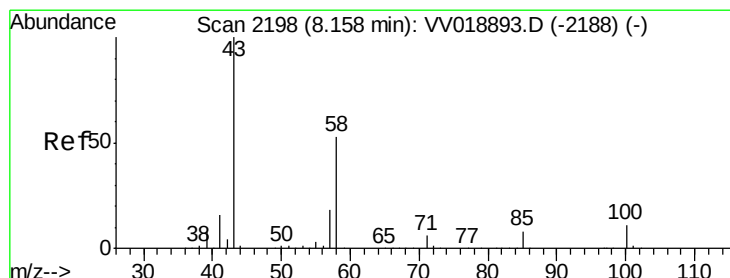
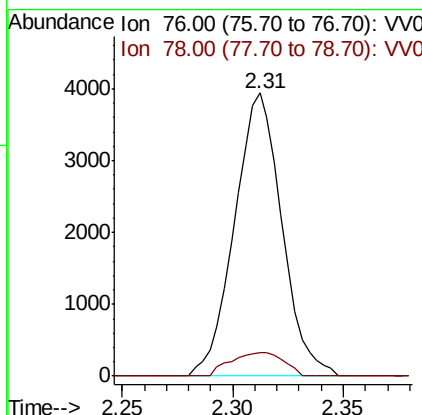
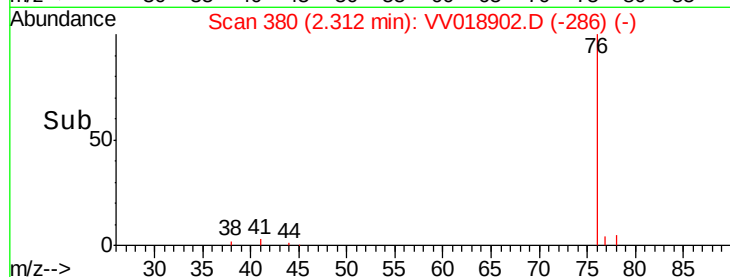
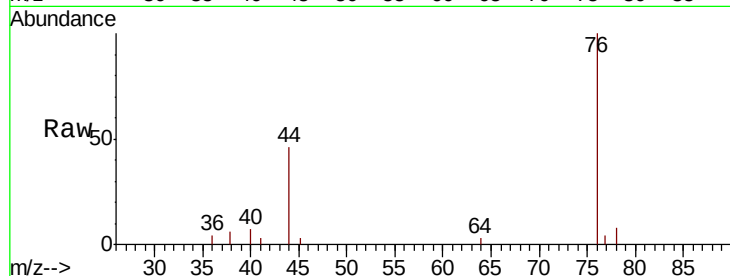




#14
Carbon disulfide
Concen: 0.862 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV018902.D
Acq: 14 Oct 2020 18:44

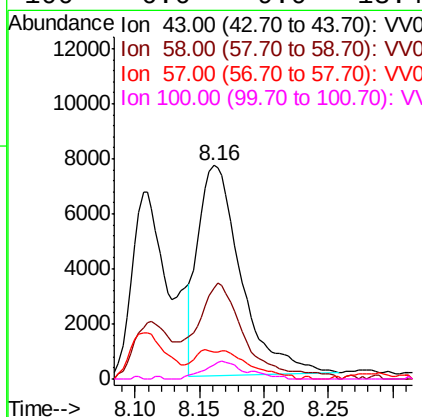
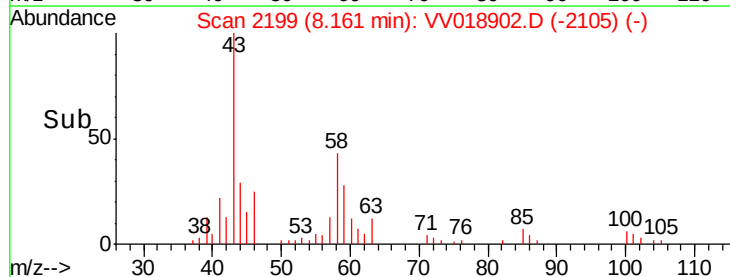
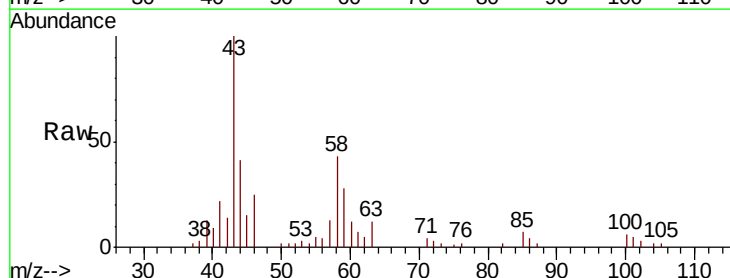
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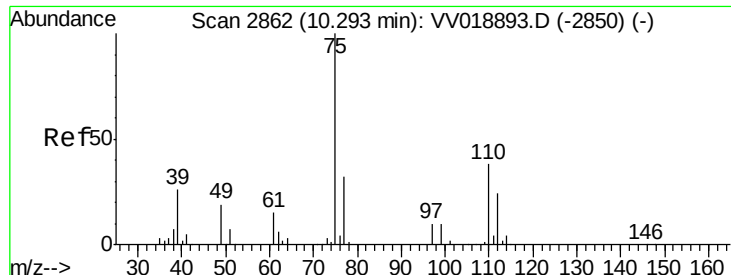
Tot Ion: 76 Resp: 5883
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#48
2-Hexanone
Concen: 6.647 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018902.D
Acq: 14 Oct 2020 18:44

Tgt Ion: 43 Resp: 17689
Ion Ratio Lower Upper
43 100
58 39.6 42.5 63.7#
57 2.9 14.5 21.7#
100 6.6 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 6.083 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018902.D

Acq: 14 Oct 2020 18:44

Instrument :

MSVOA_V

ClientSampleId :

BG3X1

Tot Ion: 75 Resp: 17920

Ion Ratio Lower Upper

75 100

77 35.6 25.4 38.2

