

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019033.D
 Acq On : 21 Oct 2020 00:41
 Operator : SY/MD
 Sample : L4471-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 08:05:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279806	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283884	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70784	30.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.46%
7) Chloroethane-d5	1.58	69	74053	40.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.16%
11) 1,1-Dichloroethene-d2	2.12	63	129078	29.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.38%#
21) 2-Butanone-d5	3.92	46	144740	90.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	4.38	84	169234	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.78%
26) 1,2-Dichloroethane-d4	5.06	65	122068	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
32) Benzene-d6	5.07	84	314924	38.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.00%
36) 1,2-Dichloropropane-d6	6.09	67	108754	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.08%
41) Toluene-d8	7.34	98	297677	40.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.08%
43) trans-1,3-Dichloropropene-	7.64	79	52748	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.46%
47) 2-Hexanone-d5	8.11	63	80500	81.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.78%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	116387	37.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	122317	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%

Target Compounds

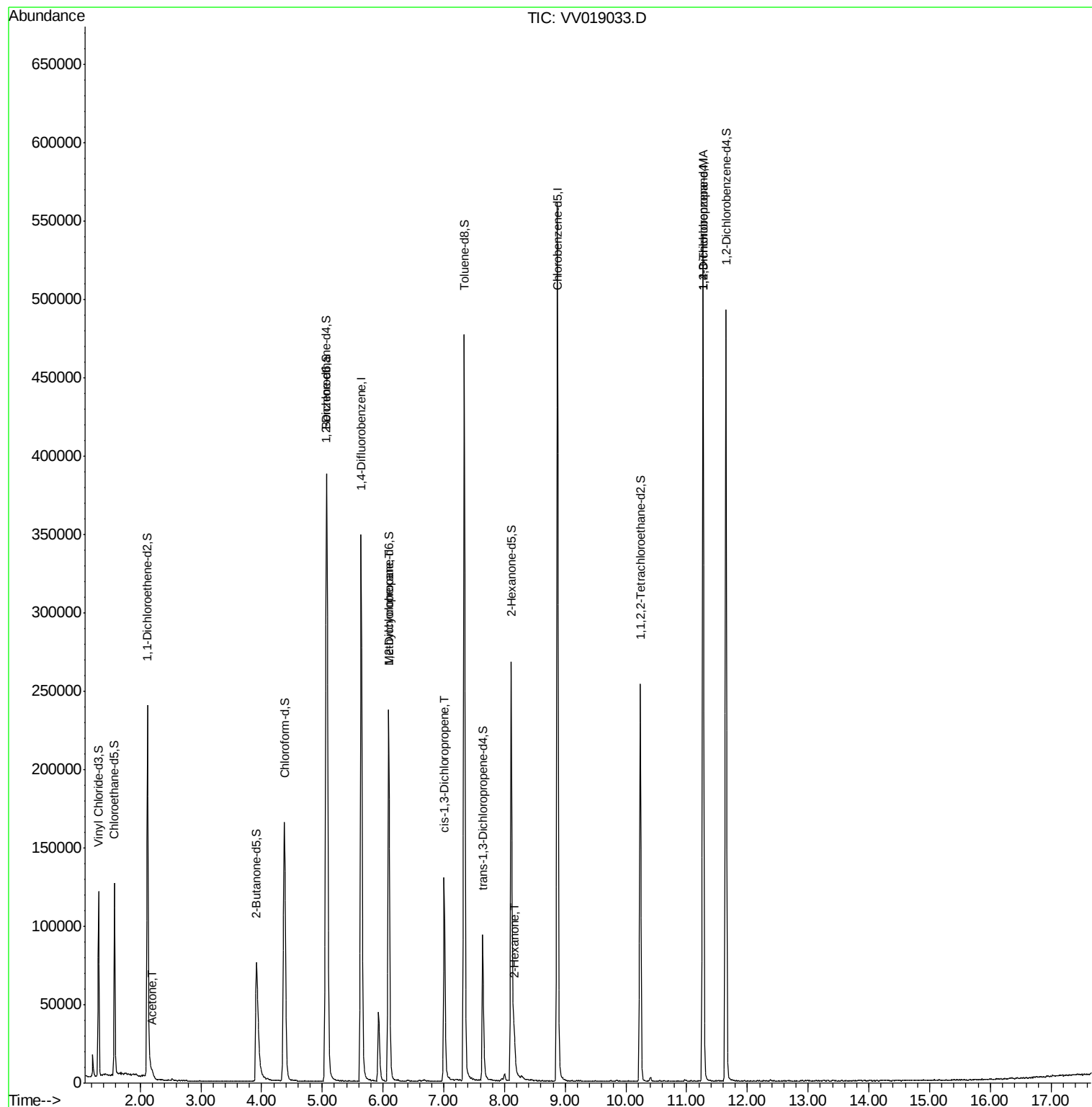
					Ovalue
13) Acetone	2.20	43	6946	5.921 ug/L	93
35) Methylcyclohexane	6.09	83	27002	8.884 ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	3207	0.916 ug/L #	65
48) 2-Hexanone	8.16	43	18141	7.122 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	16160	5.731 ug/L	92

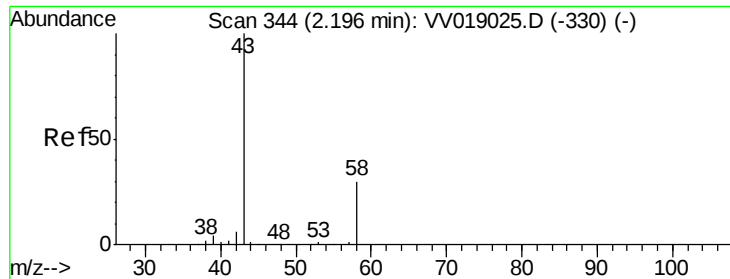
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.921 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV019033.D

Acq: 21 Oct 2020 00:41

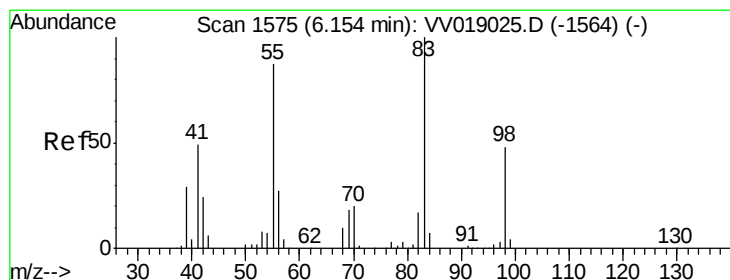
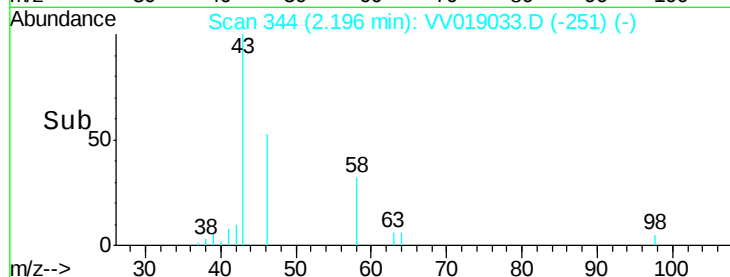
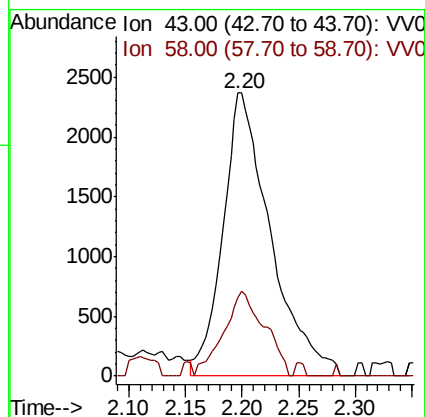
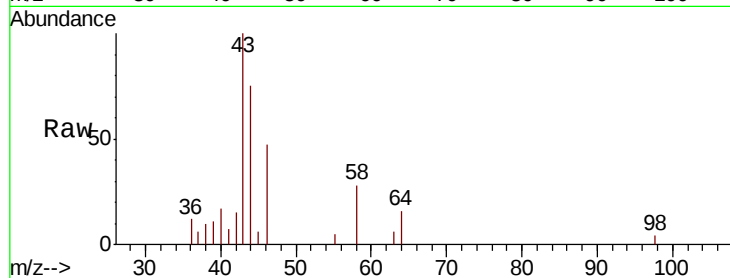
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6946

Ion Ratio Lower Upper

43 100

58 25.7 0.0 58.8



#35

Methylcyclohexane

Concen: 8.884 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019033.D

Acq: 21 Oct 2020 00:41

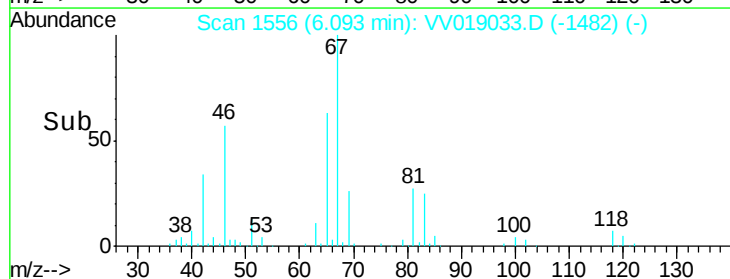
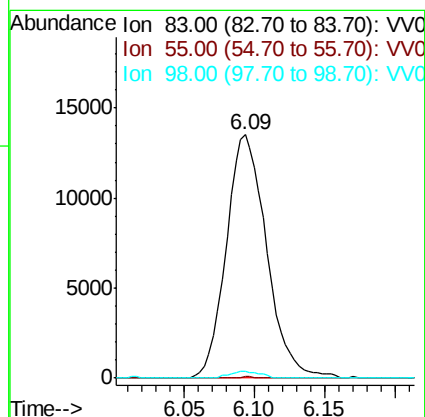
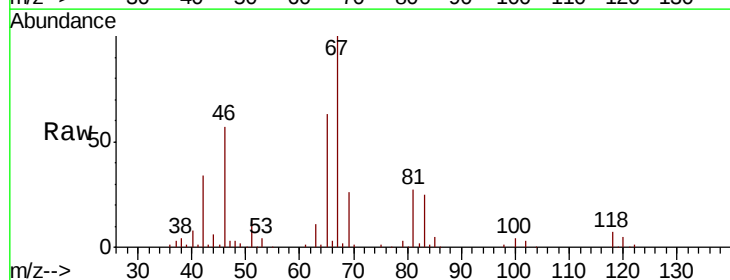
Tgt Ion: 83 Resp: 27002

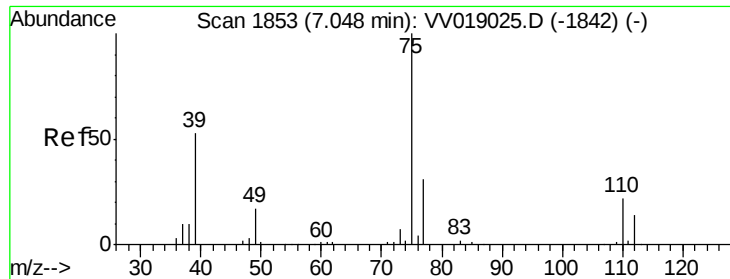
Ion Ratio Lower Upper

83 100

55 0.2 67.3 100.9#

98 2.1 37.9 56.9#

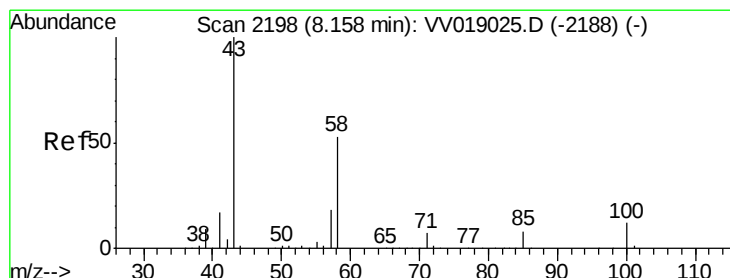
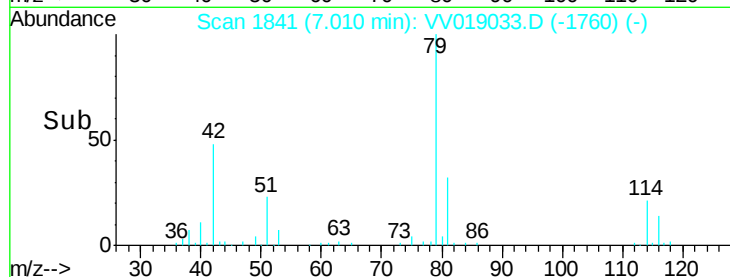
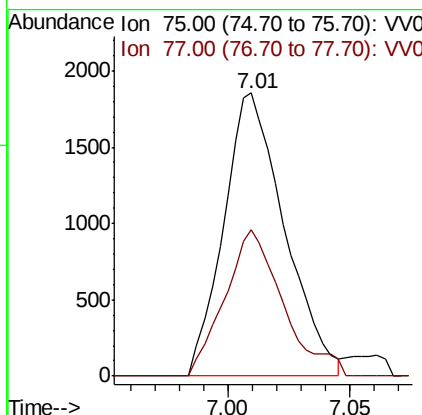
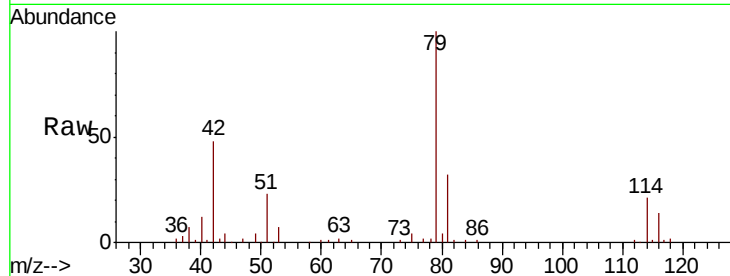




#39
 cis-1,3-Dichloropropene
 Concen: 0.916 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019033.D
 Acq: 21 Oct 2020 00:41

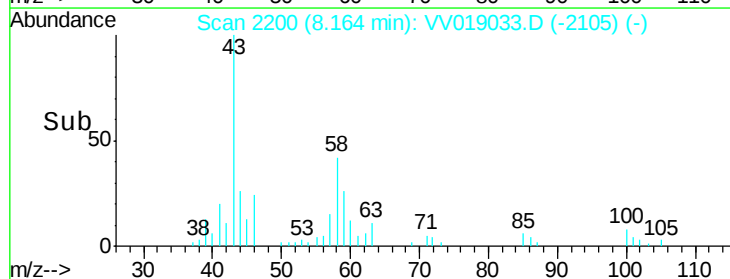
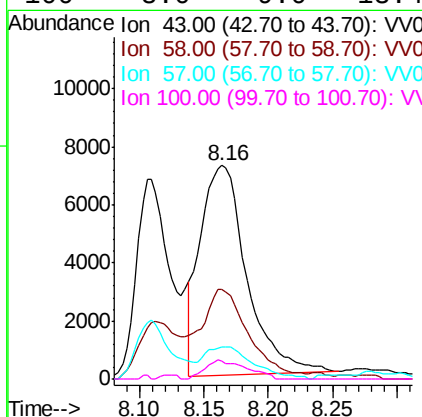
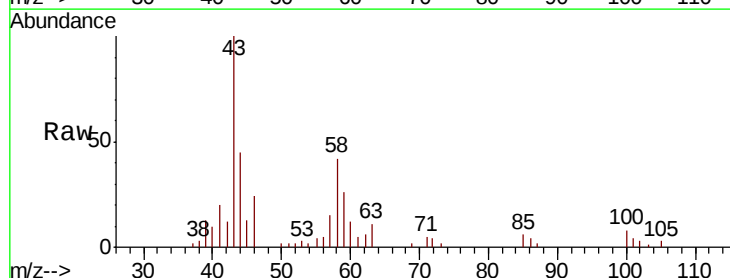
Instrument :
 MSVOA_V
 ClientSampleId :

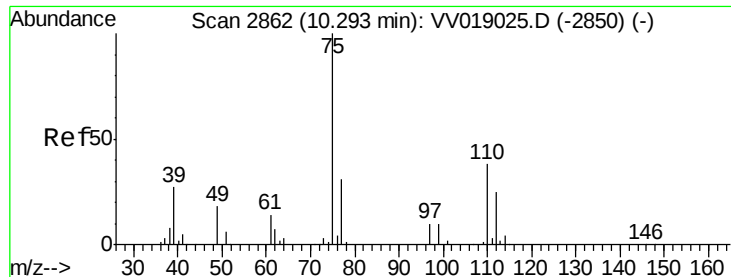
Tot Ion: 75 Resp: 3207
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.5 41.9#



#48
 2-Hexanone
 Concen: 7.122 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV019033.D
 Acq: 21 Oct 2020 00:41

Tgt Ion: 43 Resp: 18141
 Ion Ratio Lower Upper
 43 100
 58 37.8 42.5 63.7#
 57 0.0 14.5 21.7#
 100 8.0 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.731 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019033.D

Acq: 21 Oct 2020 00:41

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16160

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

