

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018235.D
 Acq On : 16 Sep 2020 14:17
 Operator : SY/MD
 Sample : L4012-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	237729	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116245	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85132	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.88%
7) Chloroethane-d5	1.58	69	80640	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.74%
11) 1,1-Dichloroethene-d2	2.12	63	135134	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.04%
21) 2-Butanone-d5	3.91	46	147440	124.33	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.33%
24) Chloroform-d	4.38	84	187192	55.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.38%
26) 1,2-Dichloroethane-d4	5.06	65	123886	57.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.98%
32) Benzene-d6	5.08	84	363544	53.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.28%
36) 1,2-Dichloropropane-d6	6.09	67	120534	55.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.90%
41) Toluene-d8	7.34	98	314374	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%
43) trans-1,3-Dichloropropene-	7.64	79	57822	52.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.68%
47) 2-Hexanone-d5	8.11	63	110153	133.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.77%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169756	62.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.44%#
64) 1,2-Dichlorobenzene-d4	11.65	152	143814	60.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.48%#

Target Compounds

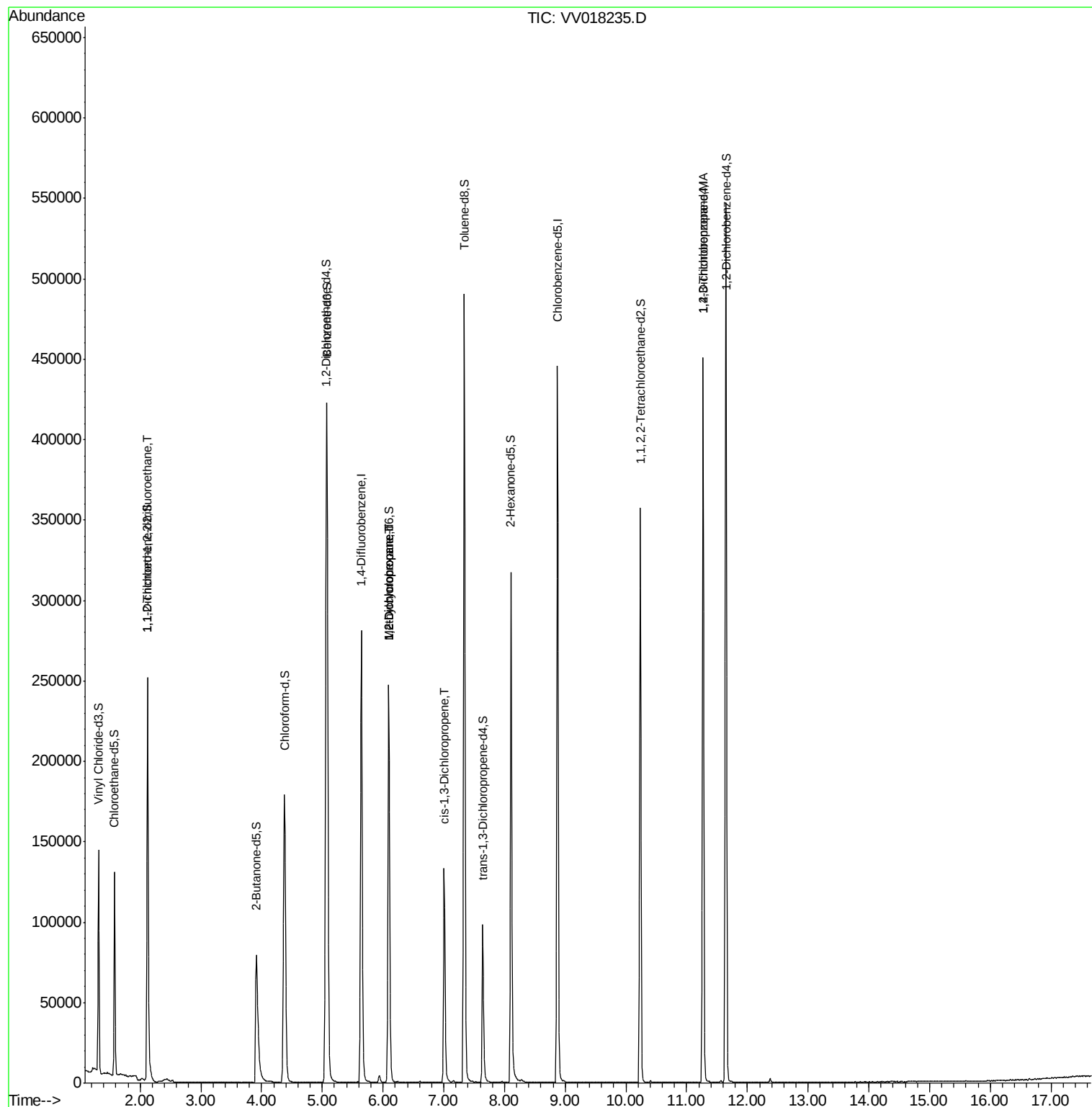
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1132	0.706	ug/L # 19
35) Methylcyclohexane	6.09	83	28956	10.332	ug/L # 17
37) 1,2-Dichloropropane	6.10	63	12953	7.154	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	3111	1.115	ug/L # 64
59) 1,2,3-Trichloropropane	11.27	75	13033	6.120	ug/L 90

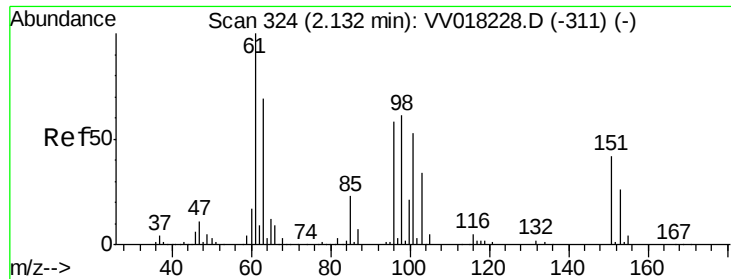
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.706 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018235.D

Acq: 16 Sep 2020 14:17

Instrument :

MSVOA_V

ClientSampled :

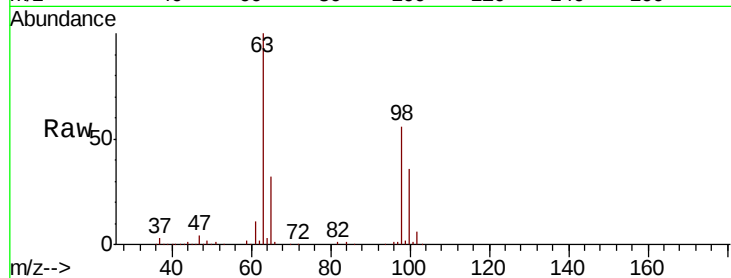
Tot Ion:101 Resp: 1132

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

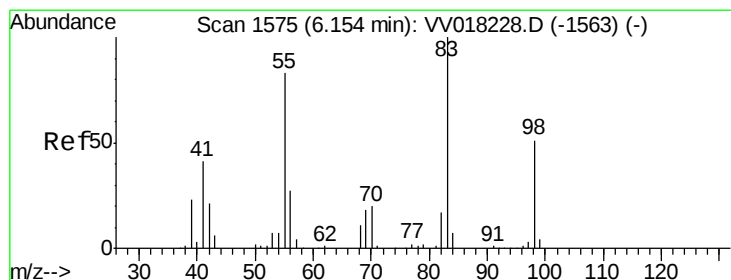
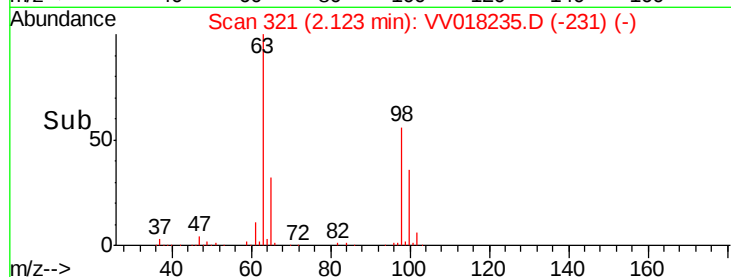
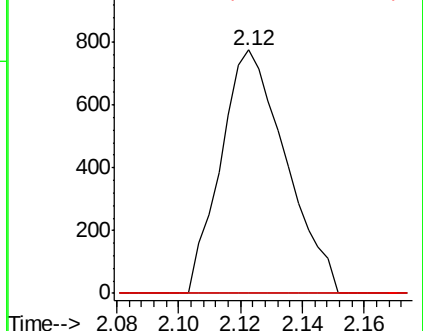
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 10.332 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018235.D

Acq: 16 Sep 2020 14:17

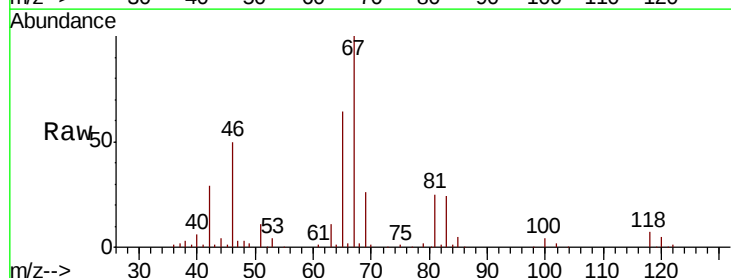
Tgt Ion: 83 Resp: 28956

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

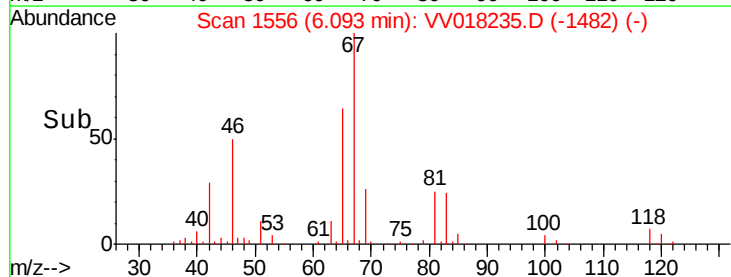
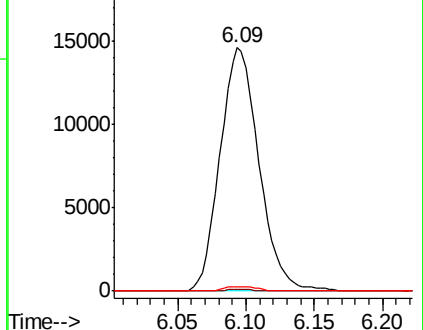
98 0.7 38.8 58.2#

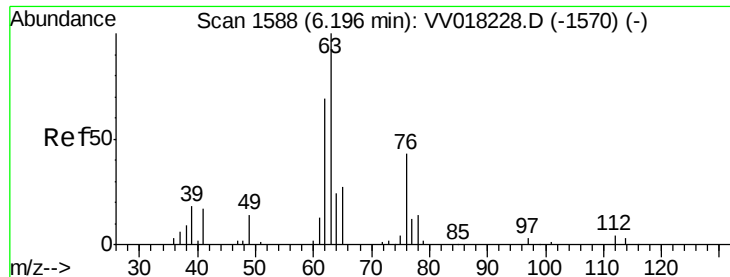


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

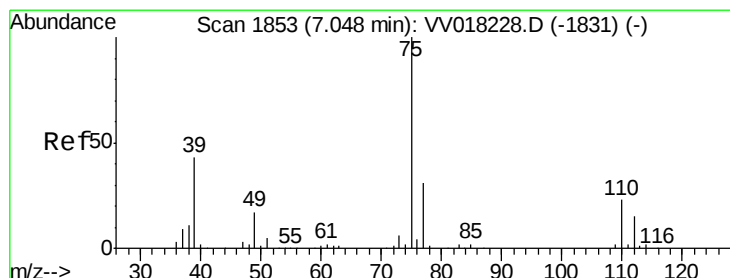
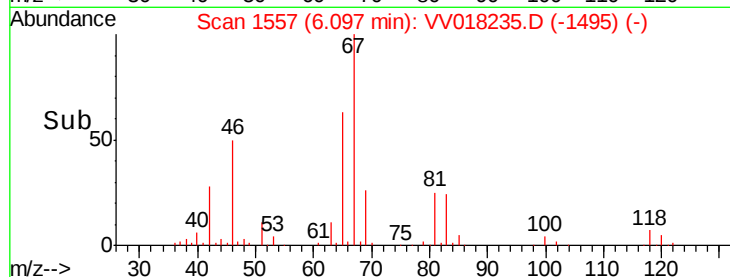
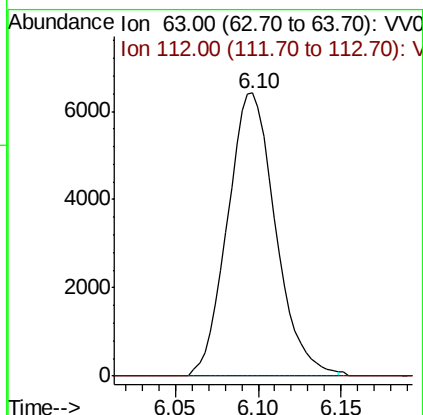
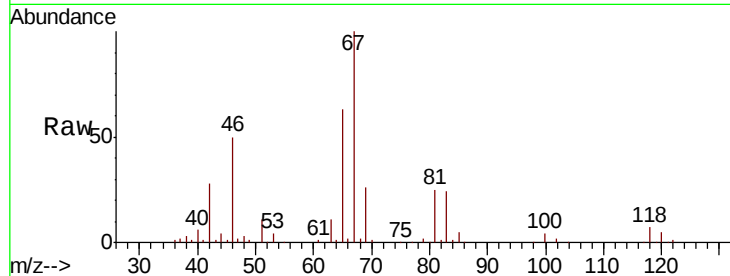




#37
 1,2-Dichloropropane
 Concen: 7.154 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018235.D
 Acq: 16 Sep 2020 14:17

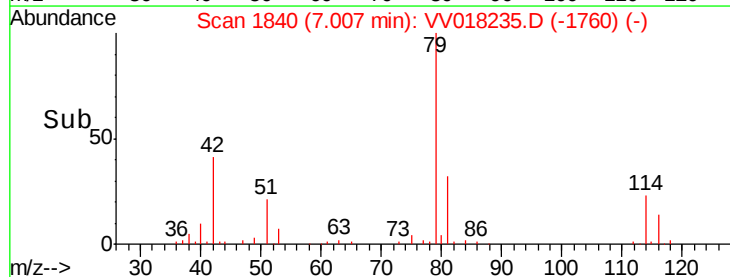
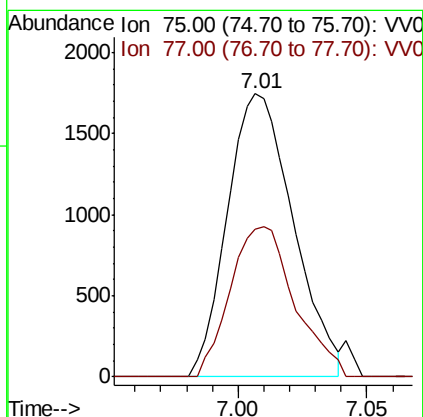
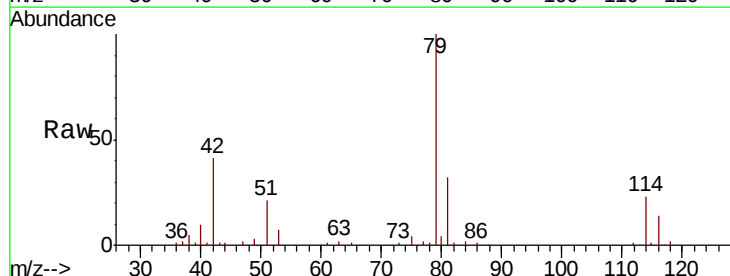
Instrument :
 MSVOA_V
 ClientSampleId :

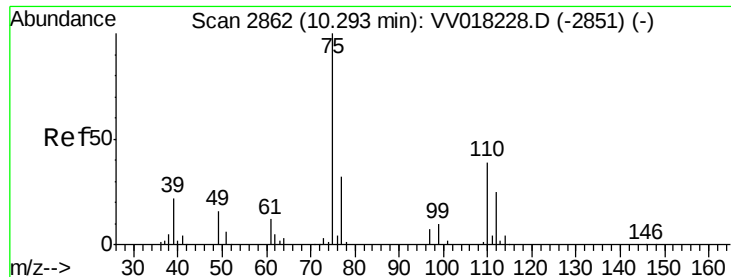
Tot Ion: 63 Resp: 12953
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.115 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018235.D
 Acq: 16 Sep 2020 14:17

Tgt Ion: 75 Resp: 3111
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.120 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018235.D

Acq: 16 Sep 2020 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 13033

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.6

