

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018619.D
 Acq On : 02 Oct 2020 12:40
 Operator : SY/MD
 Sample : L4185-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS0

Quant Time: Oct 03 00:51:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 00:50:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282033	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282896	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81929	49.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.06%
7) Chloroethane-d5	1.58	69	78786	57.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.22%
11) 1,1-Dichloroethene-d2	2.12	63	139125	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.56%
21) 2-Butanone-d5	3.92	46	101328	82.13	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.13%
24) Chloroform-d	4.38	84	164681	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.06	65	111851	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
32) Benzene-d6	5.08	84	320427	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
36) 1,2-Dichloropropane-d6	6.09	67	97665	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.34	98	287554	42.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.32%
43) trans-1,3-Dichloropropene-	7.64	79	49150	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.04%
47) 2-Hexanone-d5	8.11	63	55135	67.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	107217	37.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	126538	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

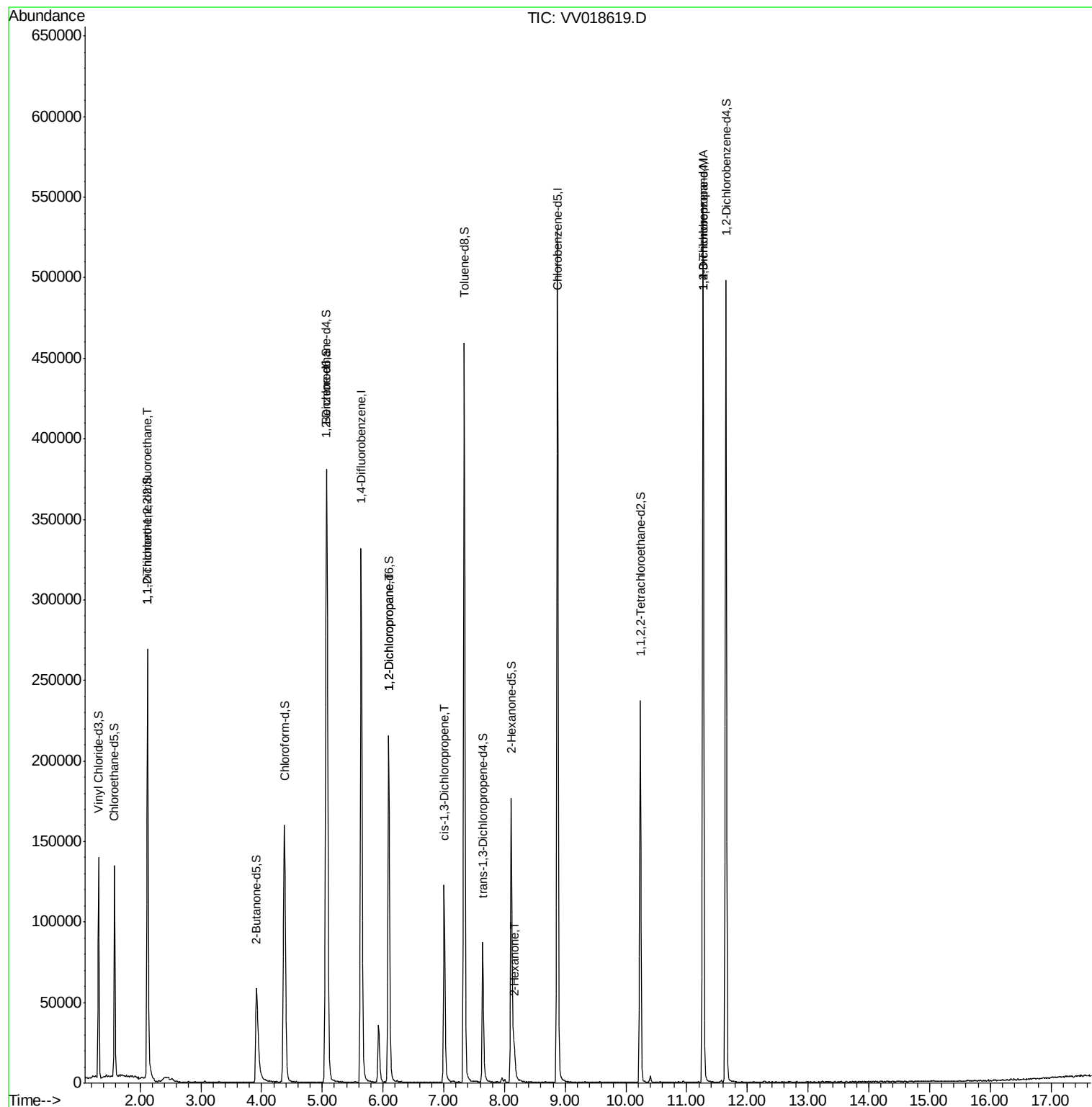
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1482	0.808 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11894	5.578 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3226	0.964 ug/L #	70
48) 2-Hexanone	8.16	43	12705	5.918 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	15311	5.903 ug/L #	87

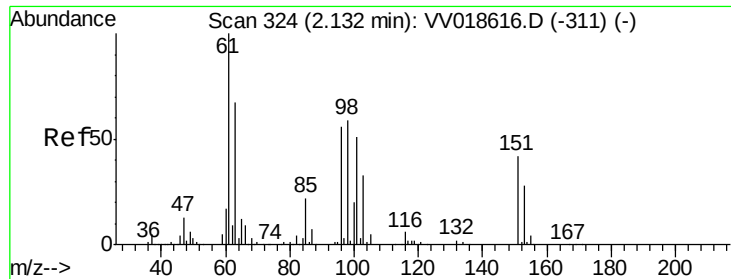
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.808 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018619.D

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Instrument :

MSVOA_V

ClientSampleId :

C0AS0

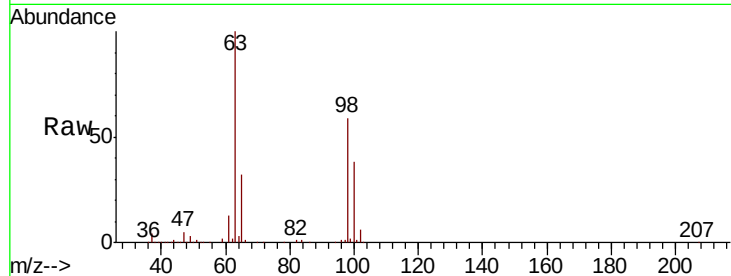
Tot Ion:101 Resp: 1482

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

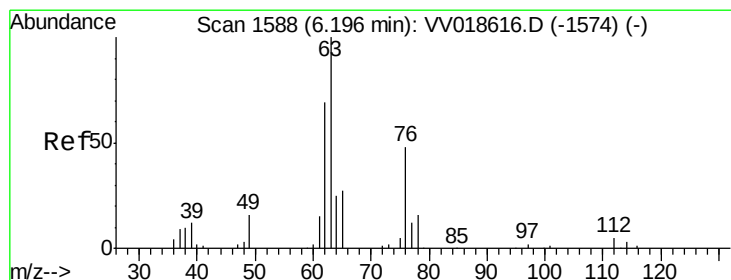
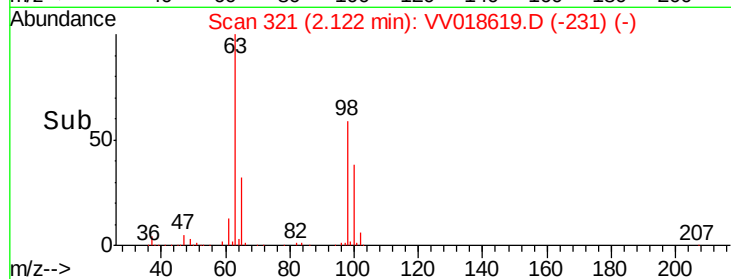
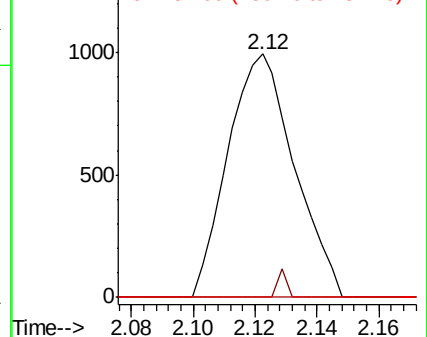
151 0.0 64.3 96.5#



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



#37

1,2-Dichloropropane

Concen: 5.578 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018619.D

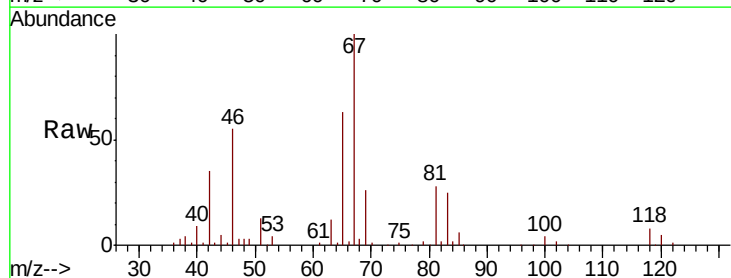
Acq: 02 Oct 2020 12:40

Tgt Ion: 63 Resp: 11894

Ion Ratio Lower Upper

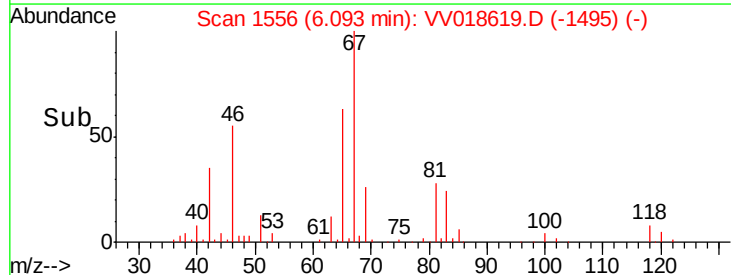
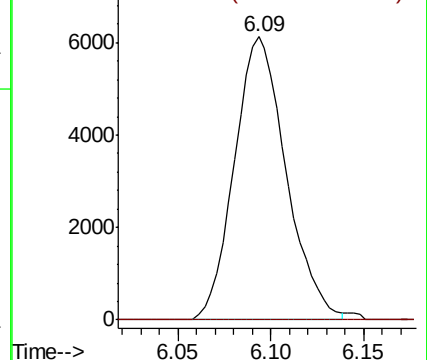
63 100

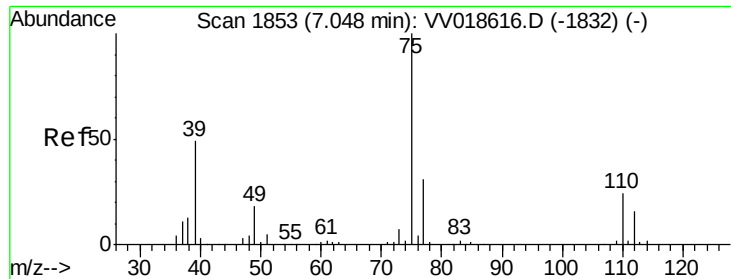
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

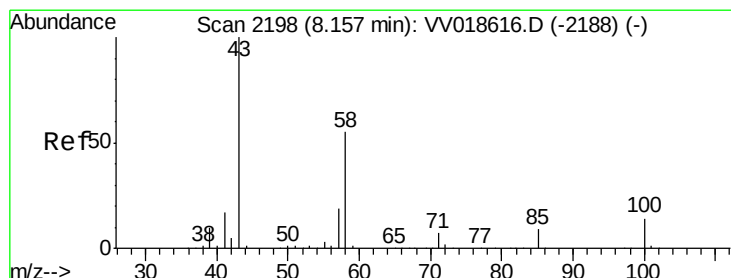
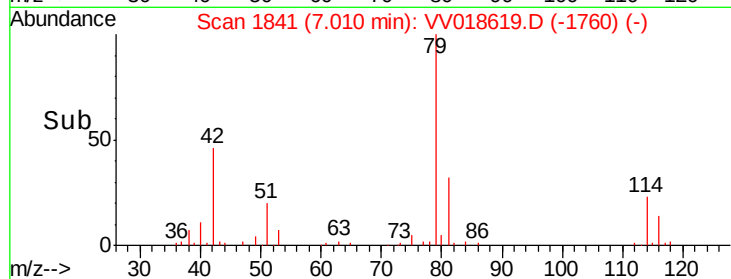
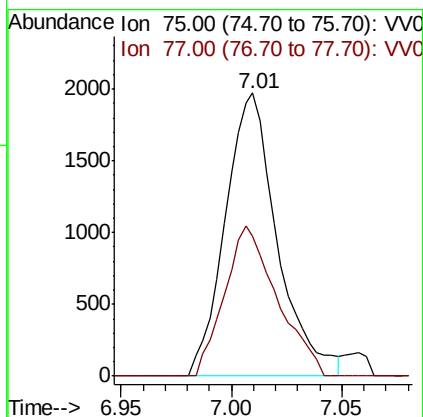
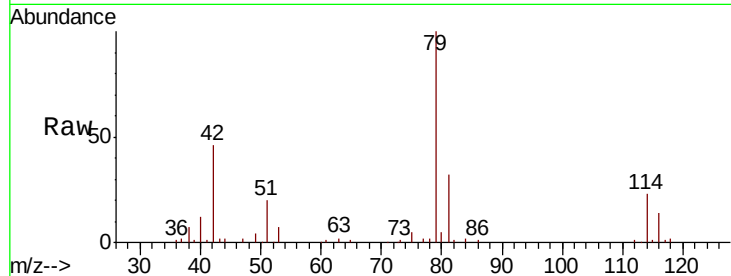




#39
 cis-1,3-Dichloropropene
 Concen: 0.964 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018619.D
 Acq: 02 Oct 2020 12:40

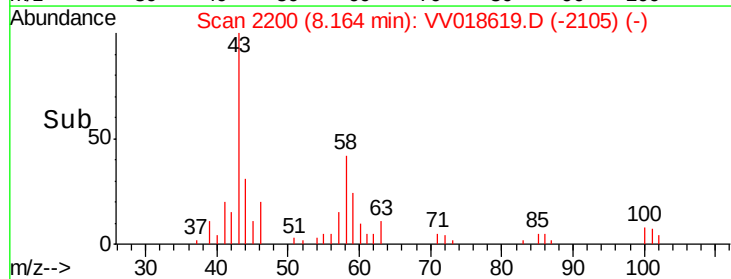
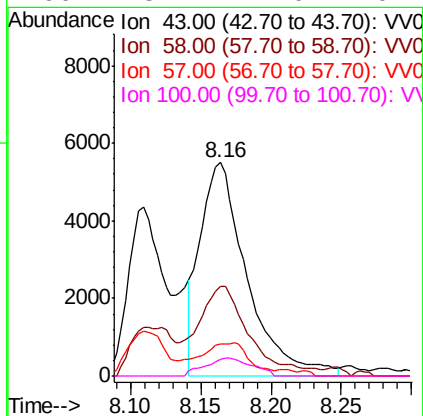
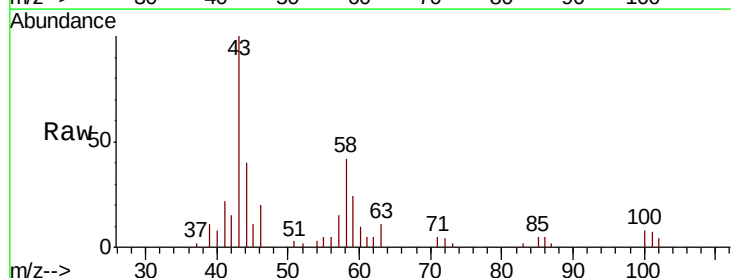
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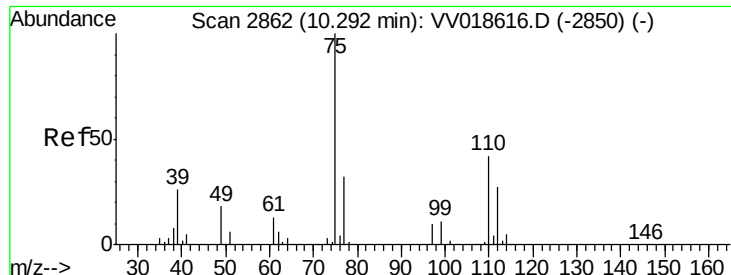
Tot Ion: 75 Resp: 3226
 Ion Ratio Lower Upper
 75 100
 77 49.6 23.0 42.6#



#48
 2-Hexanone
 Concen: 5.918 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018619.D
 Acq: 02 Oct 2020 12:40

Tgt Ion: 43 Resp: 12705
 Ion Ratio Lower Upper
 43 100
 58 31.6 45.1 67.7#
 57 1.6 15.7 23.5#
 100 8.4 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.903 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018619.D

Acq: 02 Oct 2020 12:40

Instrument :

MSVOA_V

ClientSampleId :

C0AS0

Tot Ion: 75 Resp: 15311

Ion Ratio Lower Upper

75 100

77 38.8 25.4 38.0#

