

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112520\
 Data File : VV019439.D
 Acq On : 25 Nov 2020 10:51
 Operator : SY/MD
 Sample : VV1125WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 00:24:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	369077	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	374476	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177008	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	158588	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.04%
7) Chloroethane-d5	1.58	69	135945	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.12	63	235932	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
21) 2-Butanone-d5	3.89	46	230511	102.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.37	84	276621	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.05	65	189350	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
32) Benzene-d6	5.07	84	526776	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
36) 1,2-Dichloropropane-d6	6.09	67	181358	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.33	98	447551	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.64	79	83052	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.36%
47) 2-Hexanone-d5	8.11	63	128219	88.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.34%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	207908	43.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	178661	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%

Target Compounds

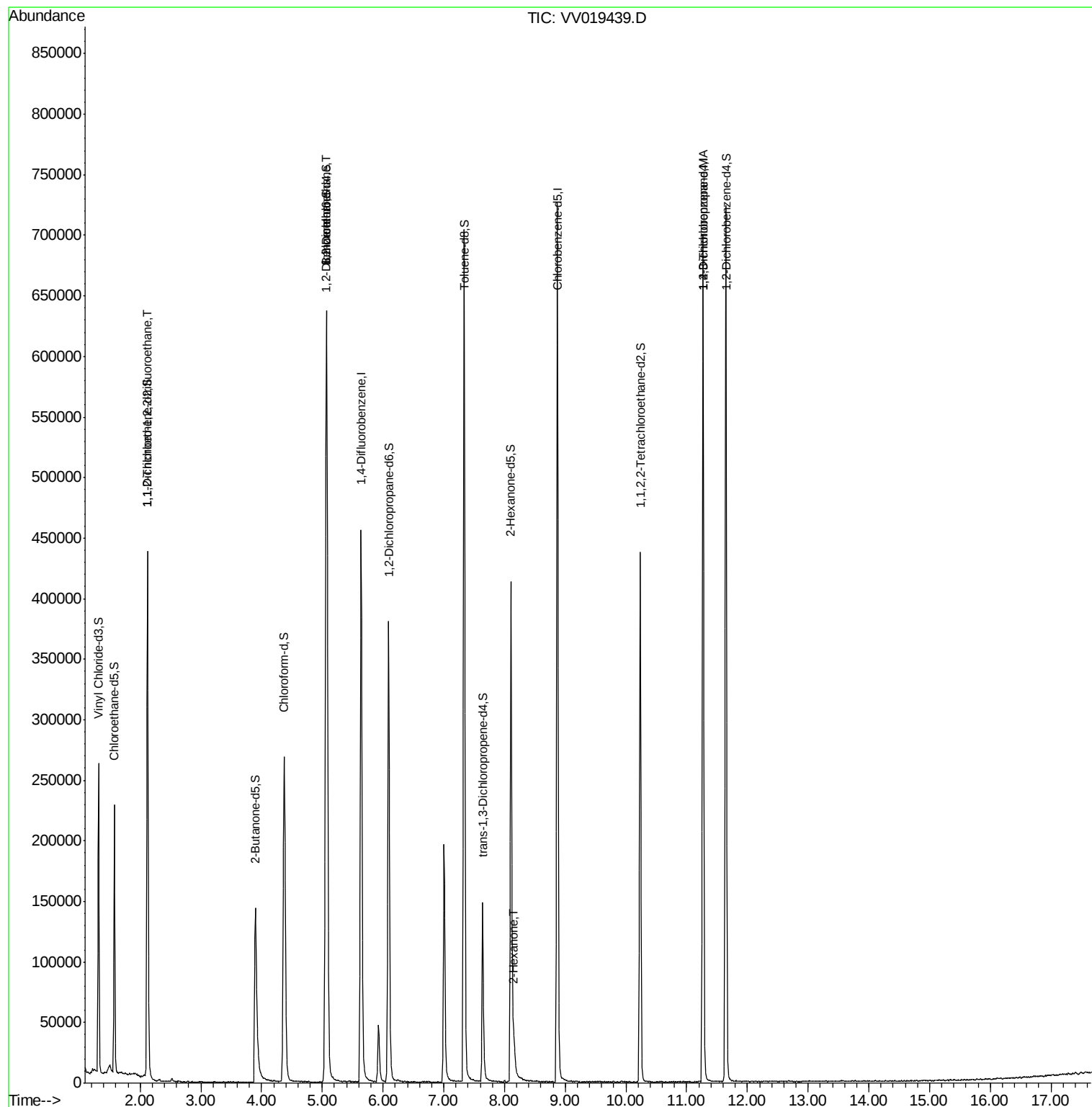
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2299	0.888 ug/L #	25
27) 1,2-Dichloroethane	5.07	62	3313	0.764 ug/L	100
48) 2-Hexanone	8.16	43	17527	5.077 ug/L #	80
59) 1,2,3-Trichloropropane	11.27	75	20727	5.105 ug/L	93

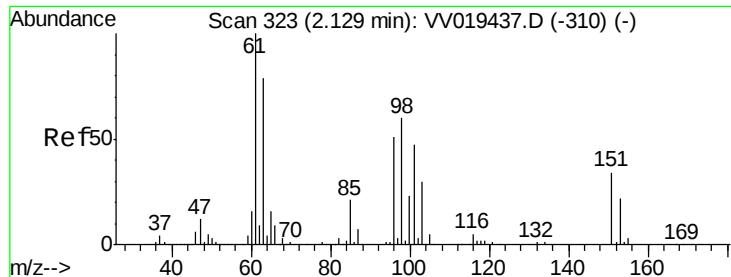
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.888 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019439.D

Acq: 25 Nov 2020 10:51

Instrument :

MSVOA_V

ClientSampleId :

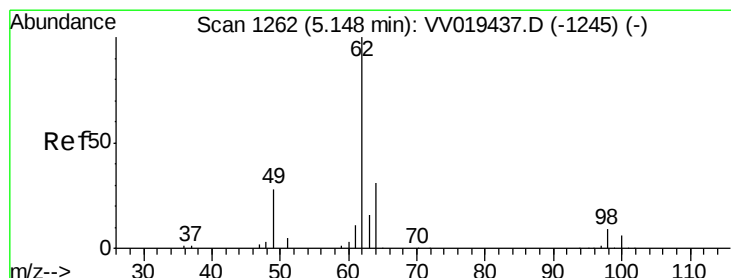
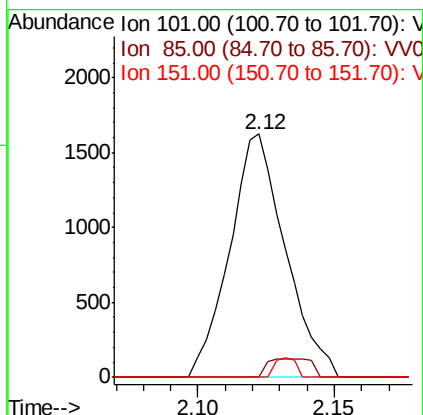
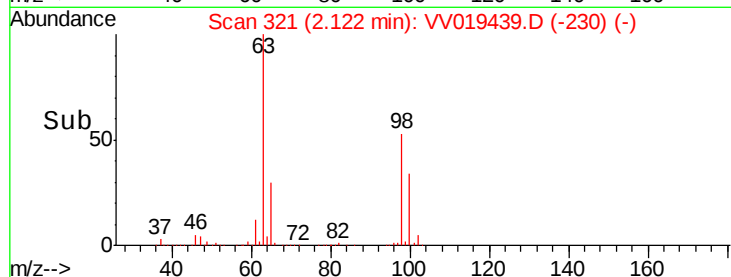
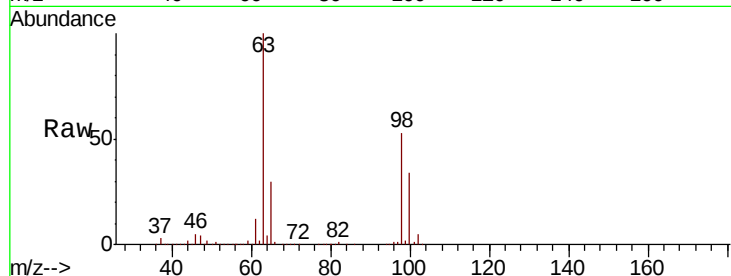
Tot Ion:101 Resp: 2299

Ion Ratio Lower Upper

101 100

85 5.0 35.5 53.3#

151 3.0 58.9 88.3#



#27

1,2-Dichloroethane

Concen: 0.764 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV019439.D

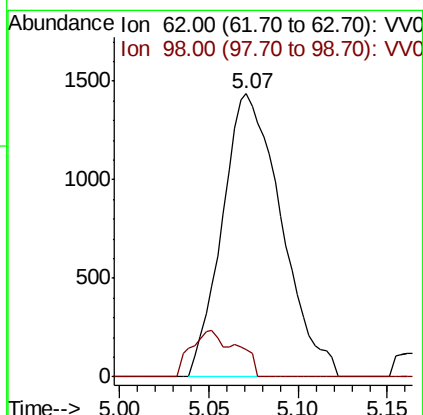
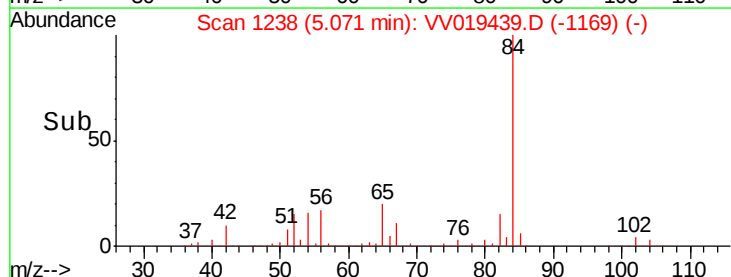
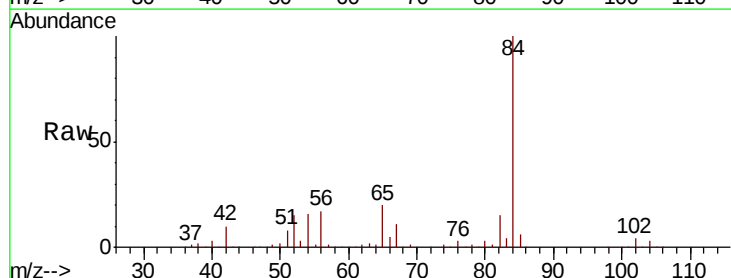
Acq: 25 Nov 2020 10:51

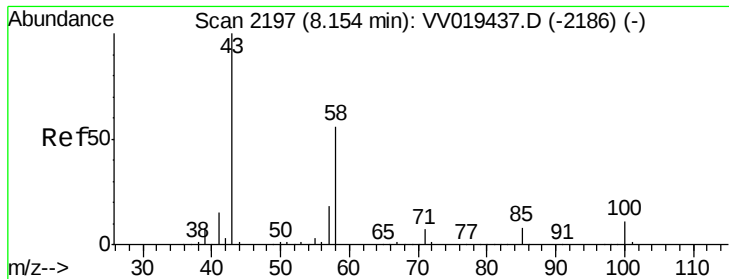
Tgt Ion: 62 Resp: 3313

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#48

2-Hexanone

Concen: 5.077 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VV019439.D

Acq: 25 Nov 2020 10:51

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 17527

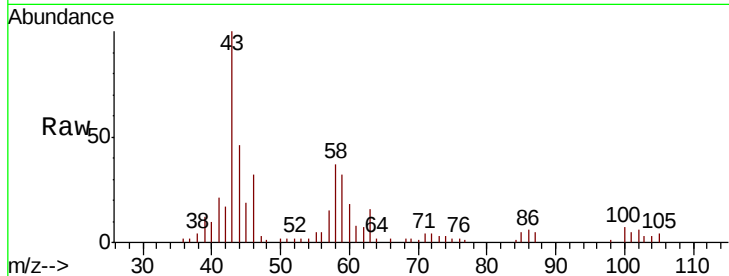
Ion Ratio Lower Upper

43 100

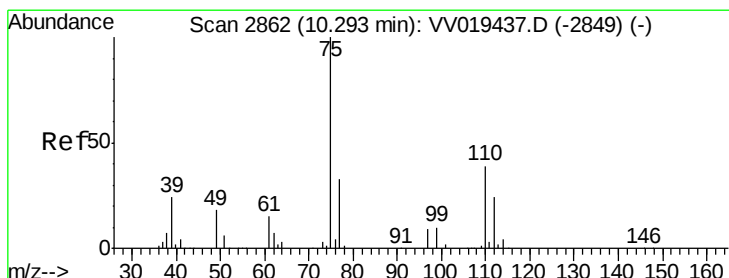
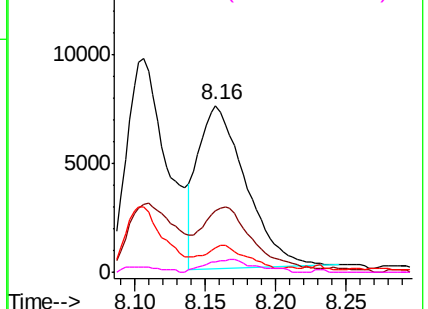
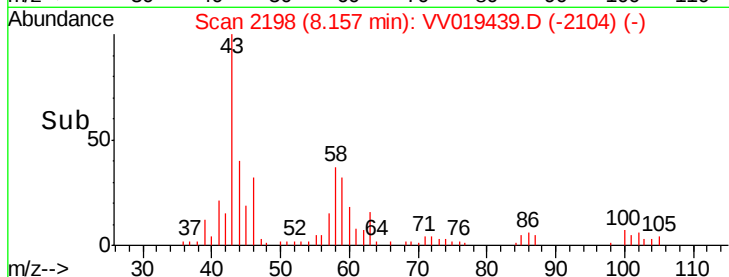
58 38.4 43.8 65.6#

57 11.0 15.4 23.2#

100 7.7 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.105 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019439.D

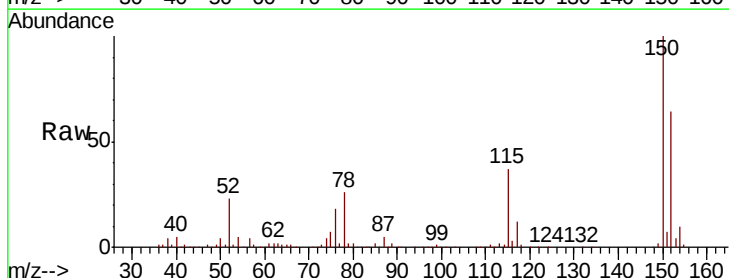
Acq: 25 Nov 2020 10:51

Tgt Ion: 75 Resp: 20727

Ion Ratio Lower Upper

75 100

77 35.3 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

