

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019527.D
 Acq On : 10 Dec 2020 22:15
 Operator : SY/MD
 Sample : L4997-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ9

Quant Time: Dec 11 02:40:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	678222	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	630494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	287859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	202879	41.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.44%
7) Chloroethane-d5	1.57	69	172391	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.11	63	313176	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	3.90	46	256484	97.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.03%
24) Chloroform-d	4.35	84	407001	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
26) 1,2-Dichloroethane-d4	5.04	65	287255	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
32) Benzene-d6	5.05	84	810952	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.07	67	259932	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.70%
41) Toluene-d8	7.32	98	730608	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%
43) trans-1,3-Dichloropropene-	7.62	79	139794	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.32%
47) 2-Hexanone-d5	8.09	63	198447	95.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.99%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	337782	47.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.82%
64) 1,2-Dichlorobenzene-d4	11.63	152	267558	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

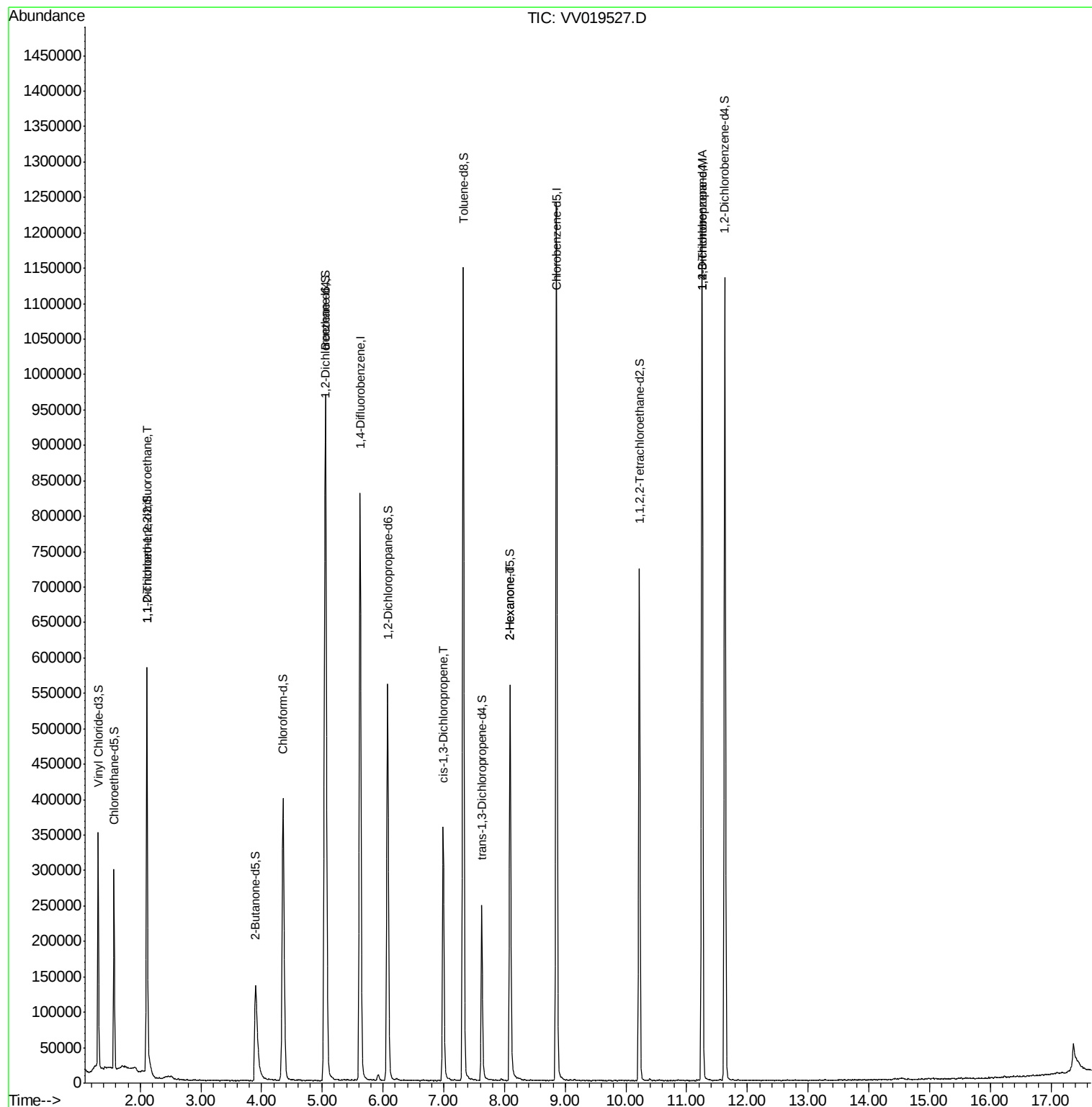
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2885	0.733 ug/L #	24
39) cis-1,3-Dichloropropene	6.99	75	9550	1.195 ug/L #	58
48) 2-Hexanone	8.09	43	24073	4.570 ug/L #	65
59) 1,2,3-Trichloropropane	11.25	75	38975	6.512 ug/L	90

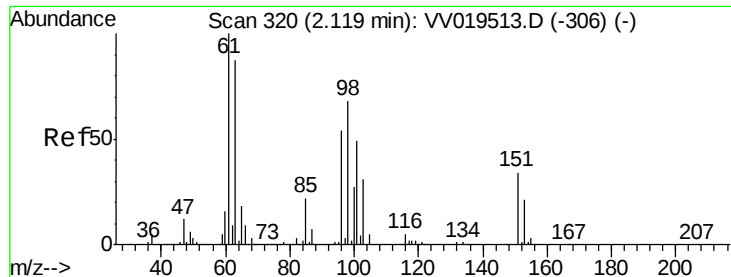
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.733 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

C0AQ9

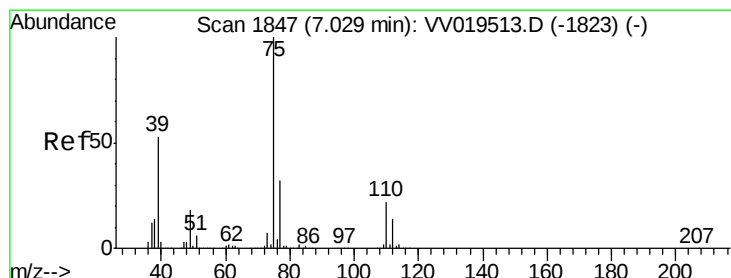
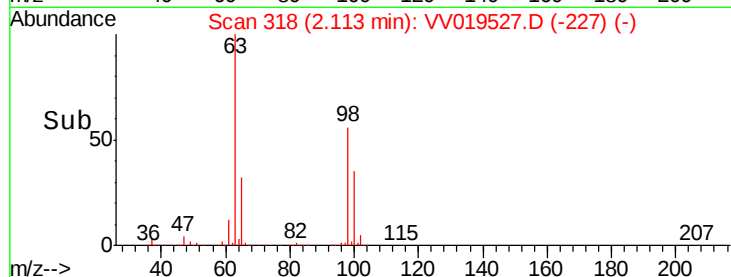
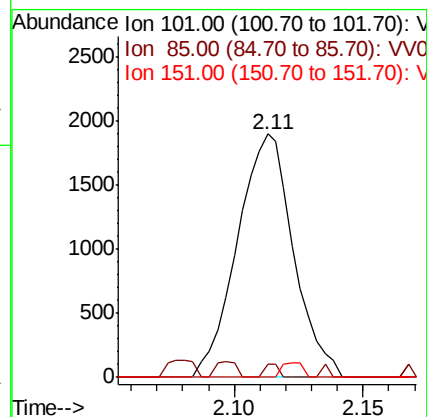
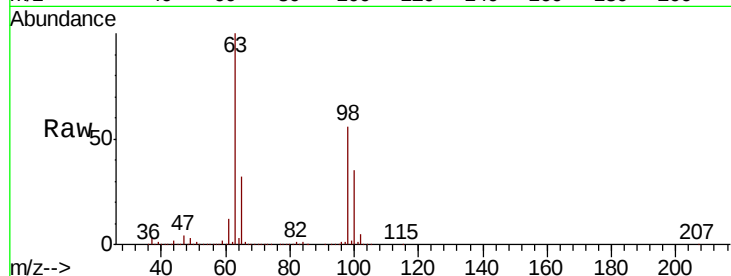
Tot Ion:101 Resp: 2885

Ion Ratio Lower Upper

101 100

85 1.4 35.0 52.4#

151 2.3 55.8 83.8#



#39

cis-1,3-Dichloropropene

Concen: 1.195 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019527.D

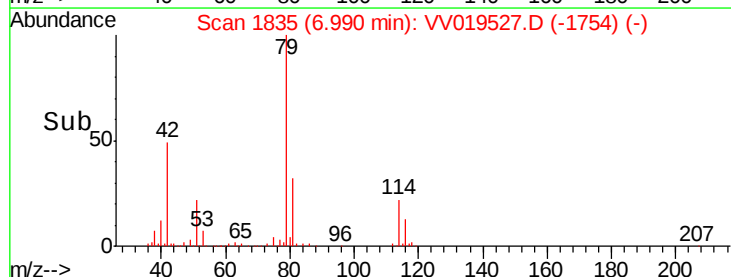
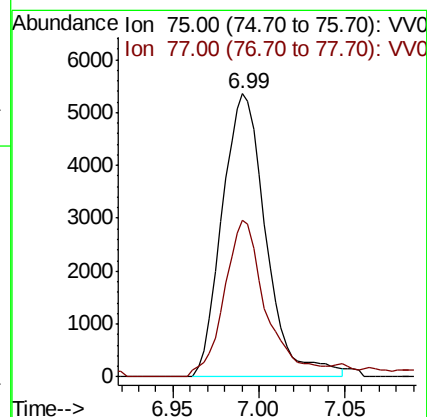
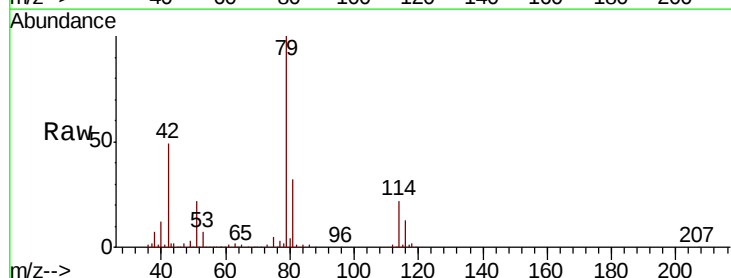
Acq: 10 Dec 2020 22:15

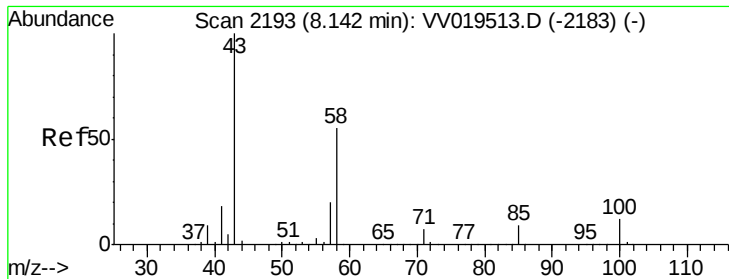
Tgt Ion: 75 Resp: 9550

Ion Ratio Lower Upper

75 100

77 55.4 22.4 41.6#





#48

2-Hexanone

Concen: 4.570 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019527.D

Acq: 10 Dec 2020 22:15

Instrument :

MSVOA_V

ClientSampleId :

C0AQ9

Tot Ion: 43 Resp: 24073

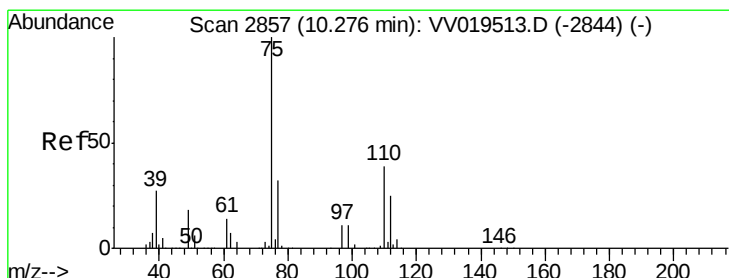
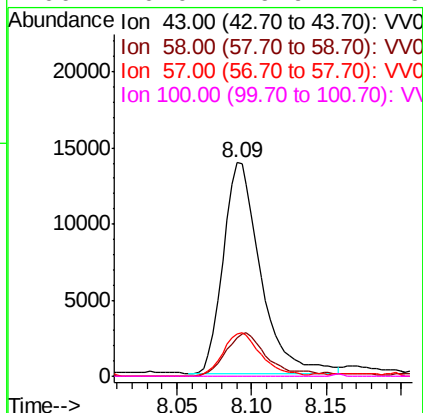
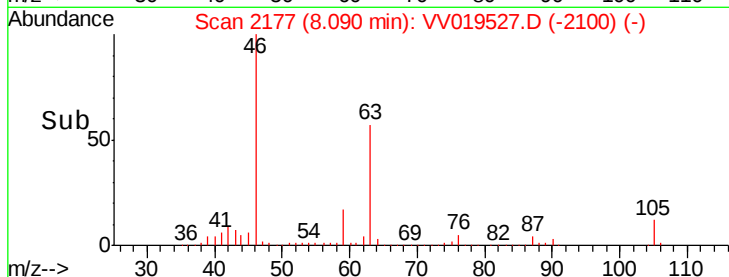
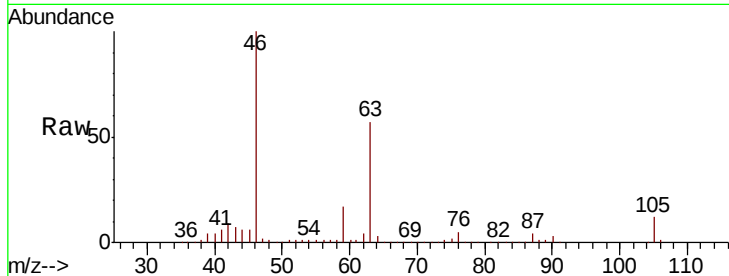
Ion Ratio Lower Upper

43 100

58 21.5 44.4 66.6#

57 21.0 15.7 23.5

100 0.0 9.9 14.9#



#59

1,2,3-Trichloropropane

Concen: 6.512 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019527.D

Acq: 10 Dec 2020 22:15

Tgt Ion: 75 Resp: 38975

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8

