

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016806.D
 Acq On : 11 Jun 2020 06:20
 Operator : SY/MD
 Sample : L2945-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0M6

Quant Time: Jun 11 06:43:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 04:06:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	318778	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87909	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.16%
7) Chloroethane-d5	1.56	69	62587	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.74%
11) 1,1-Dichloroethene-d2	2.12	63	120567	31.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.84%
21) 2-Butanone-d5	3.89	46	148525	89.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.21%
24) Chloroform-d	4.37	84	194139	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.90%
26) 1,2-Dichloroethane-d4	5.05	65	144608	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.07	84	380792	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.09	67	119341	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.48%
41) Toluene-d8	7.34	98	340628	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.64	79	55092	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.42%
47) 2-Hexanone-d5	8.11	63	91165	77.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161032	45.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	149515	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%

Target Compounds

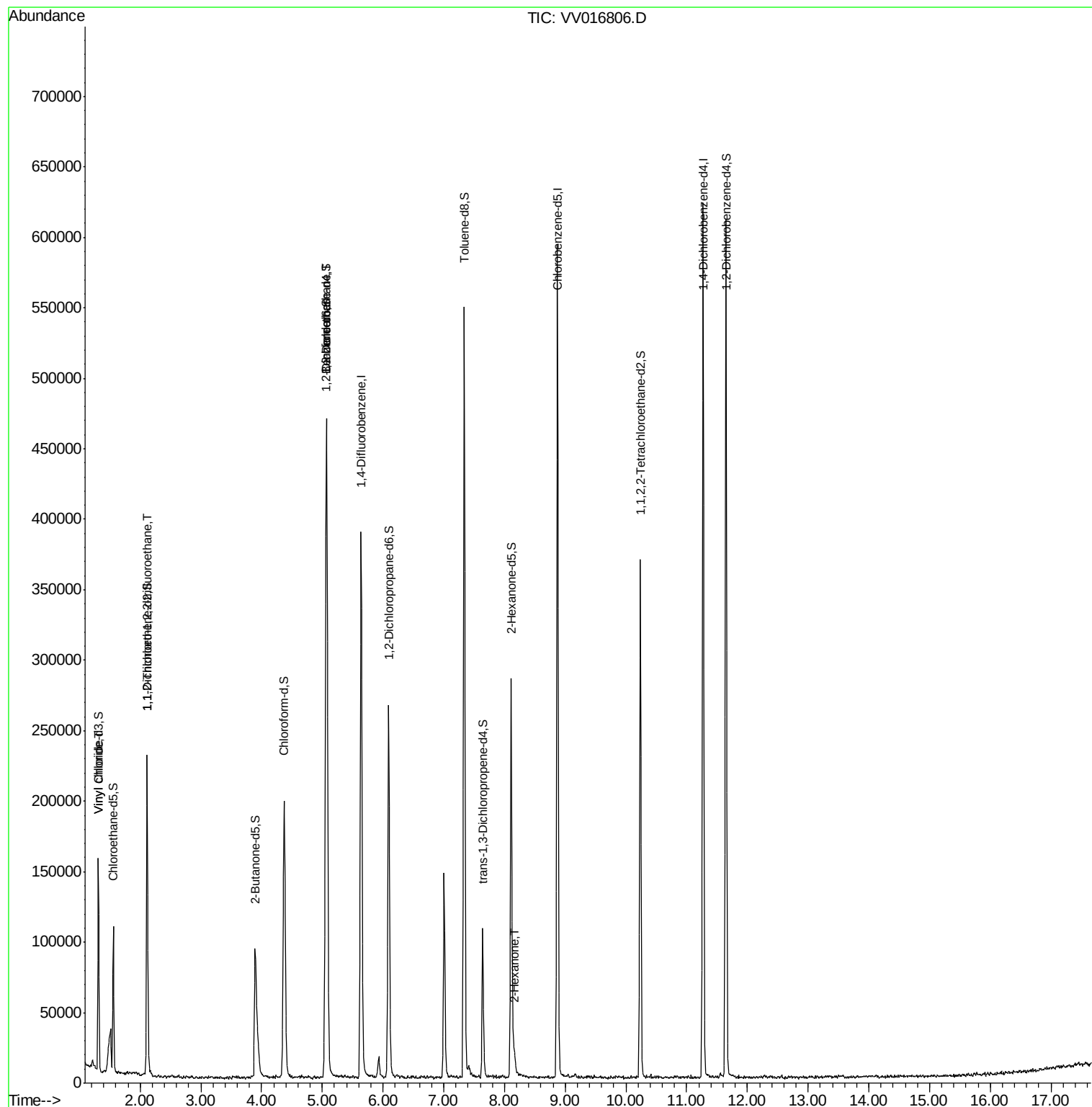
					Ovalue
5) Vinyl chloride	1.32	62	3449	1.517 ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1175	0.693 ug/L #	20
27) 1,2-Dichloroethane	5.07	62	2580	0.738 ug/L	99
48) 2-Hexanone	8.16	43	7273	2.866 ug/L #	90

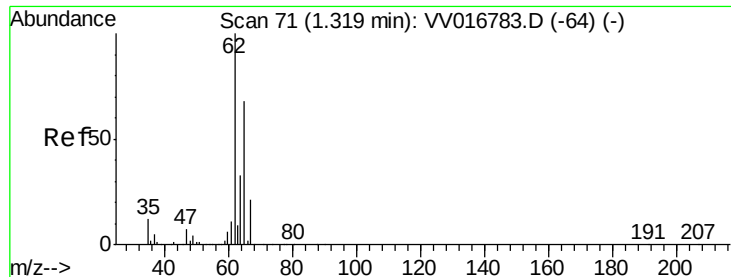
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.517 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016806.D

Acq: 11 Jun 2020 06:20

Instrument :

MSVOA_V

ClientSampleId :

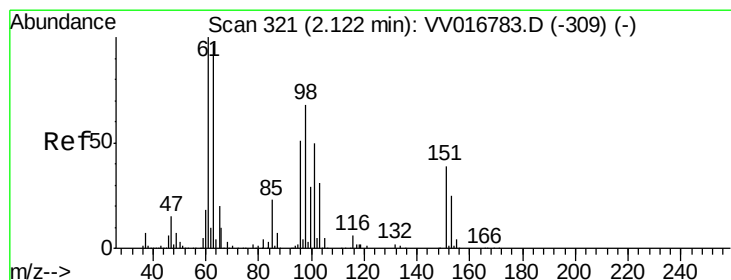
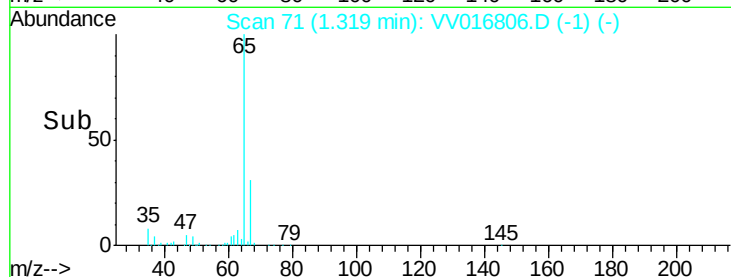
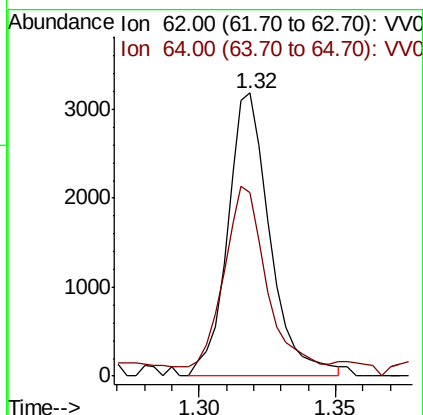
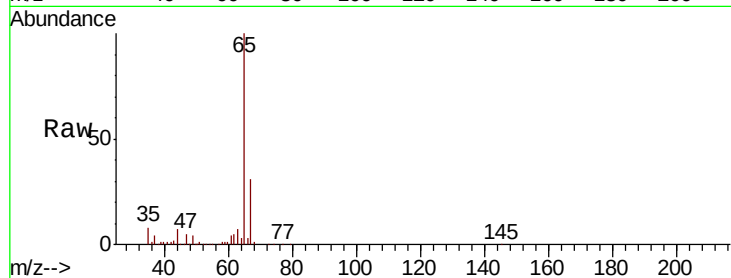
EW0M6

Tot Ion: 62 Resp: 3449

Ion Ratio Lower Upper

62 100

64 64.8 22.3 41.5#



#10

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

Concen: 0.693 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016806.D

Acq: 11 Jun 2020 06:20

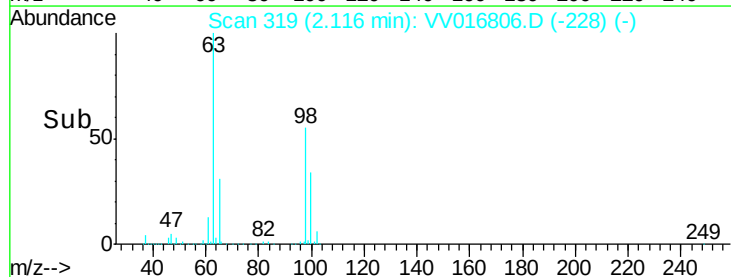
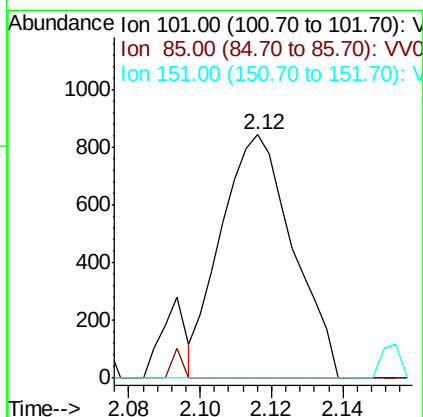
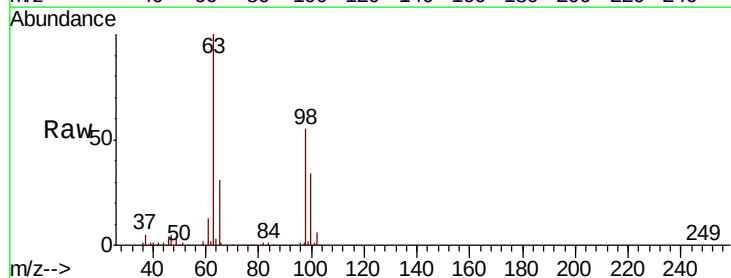
Tgt Ion: 101 Resp: 1175

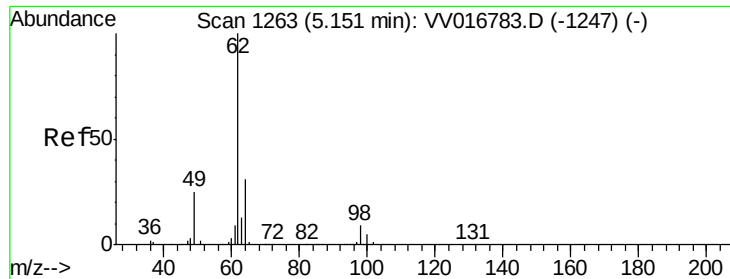
Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

151 3.6 63.9 95.9#

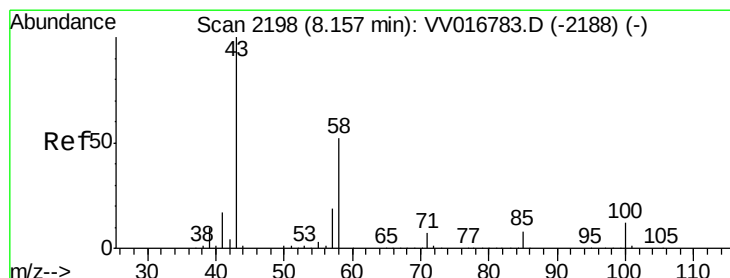
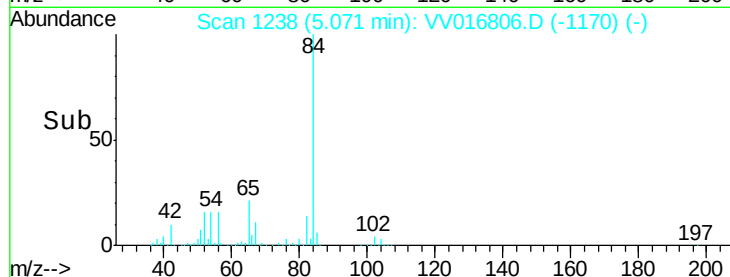
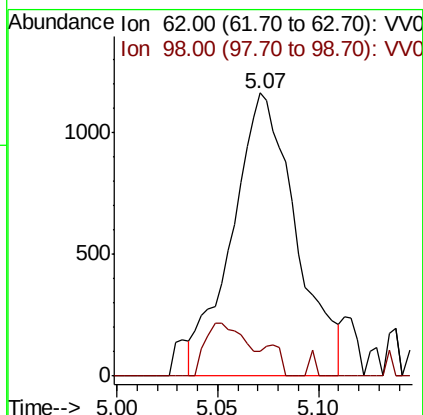
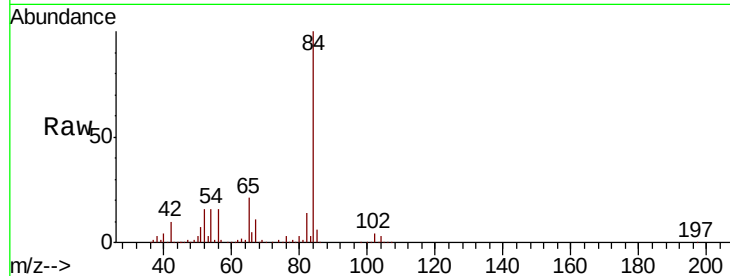




#27
 1,2-Dichloroethane
 Concen: 0.738 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
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Instrument :
 MSVOA_V
 ClientSampled :
 EW0M6

Tot Ion: 62 Resp: 2580
 Ion Ratio Lower Upper
 62 100
 98 8.9 7.4 11.2



#48
 2-Hexanone
 Concen: 2.866 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016806.D
 Acq: 11 Jun 2020 06:20

Tgt Ion: 43 Resp: 7273
 Ion Ratio Lower Upper
 43 100
 58 53.5 43.1 64.7
 57 2.4 15.3 22.9#
 100 9.1 10.0 15.0#

