

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV016993.D
 Acq On : 19 Jun 2020 10:48
 Operator : SY/MD
 Sample : VV0619WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 02:05:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359150	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160448	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113766	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.78%
7) Chloroethane-d5	1.58	69	76029	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.12	63	164823	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.46%
21) 2-Butanone-d5	3.91	46	160267	85.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.44%
24) Chloroform-d	4.37	84	238129	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
26) 1,2-Dichloroethane-d4	5.05	65	168933	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
32) Benzene-d6	5.08	84	458370	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.09	67	140942	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.22%
41) Toluene-d8	7.34	98	425290	48.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.58%
43) trans-1,3-Dichloropropene-	7.64	79	70465	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.11	63	89367	68.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160624	40.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	170052	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%

Target Compounds

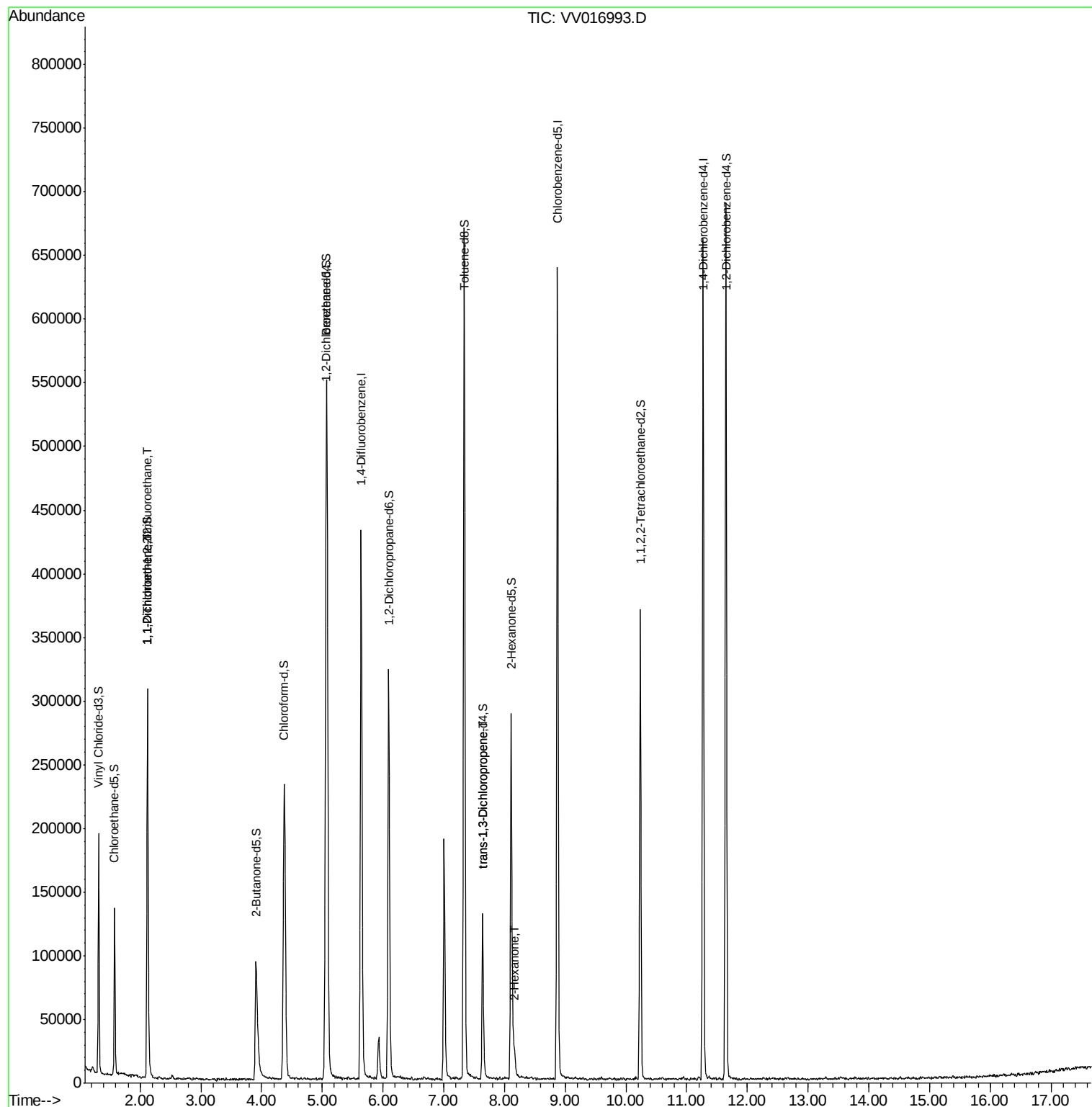
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1626	0.852 ug/L #	26
12) 1,1-Dichloroethene	2.12	96	1495	0.839 ug/L #	1
44) trans-1,3-Dichloropropene	7.64	75	3514	0.908 ug/L	92
48) 2-Hexanone	8.16	43	11142	3.958 ug/L #	83

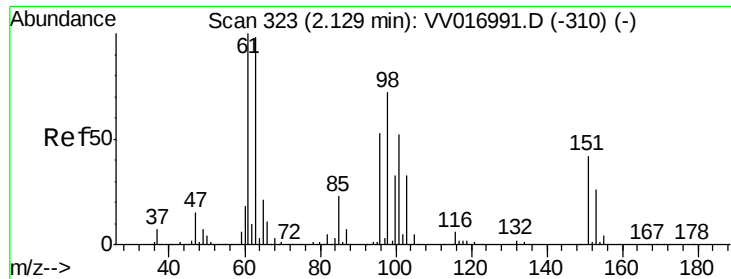
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.852 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016993.D

Acq: 19 Jun 2020 10:48

Instrument :

MSVOA_V

ClientSampleId :

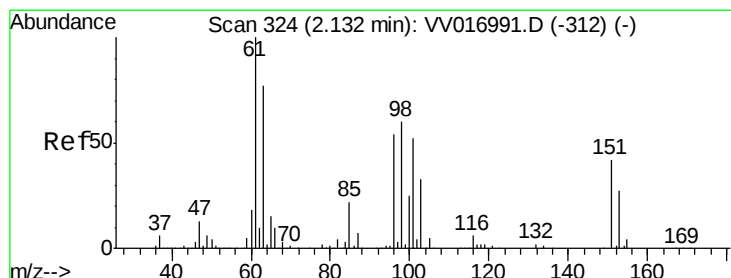
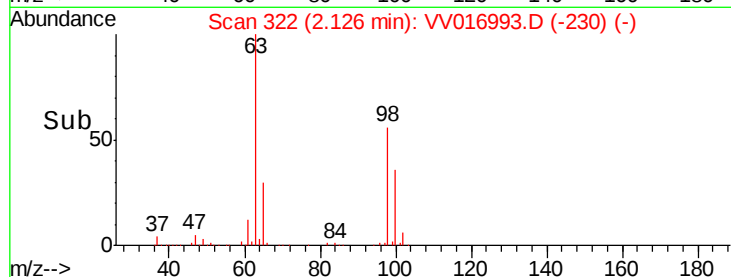
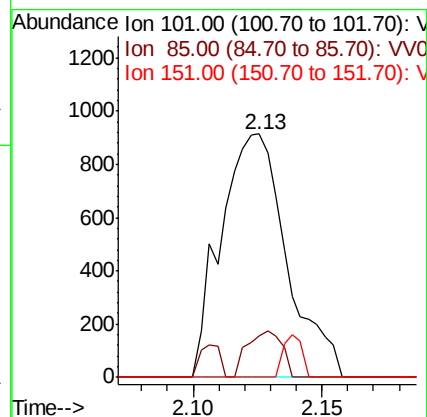
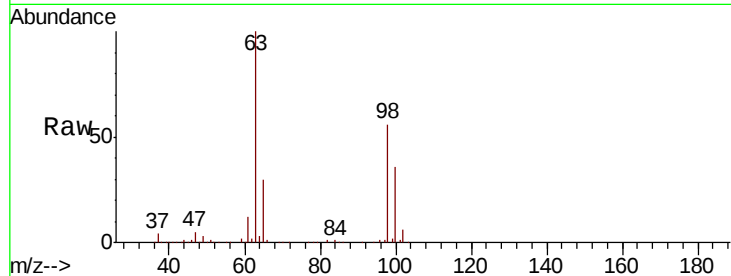
Tot Ion:101 Resp: 1626

Ion Ratio Lower Upper

101 100

85 10.0 35.5 53.3#

151 5.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.839 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016993.D

Acq: 19 Jun 2020 10:48

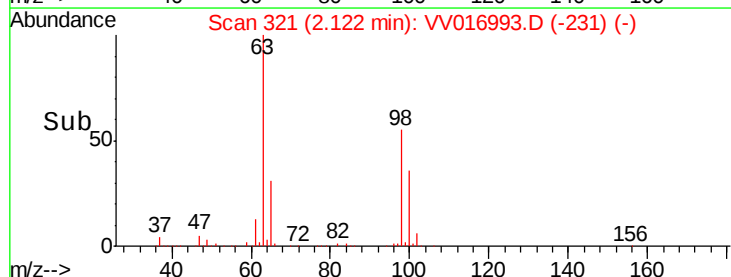
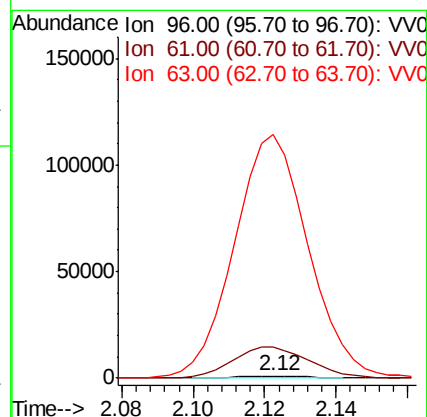
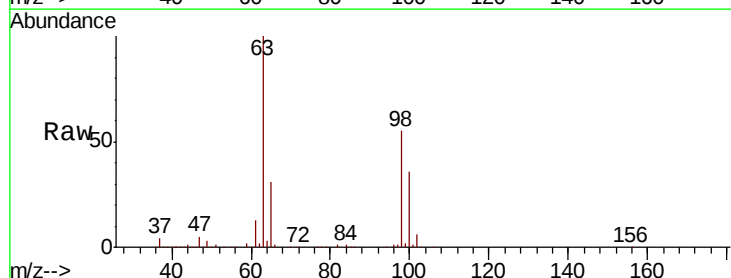
Tgt Ion: 96 Resp: 1495

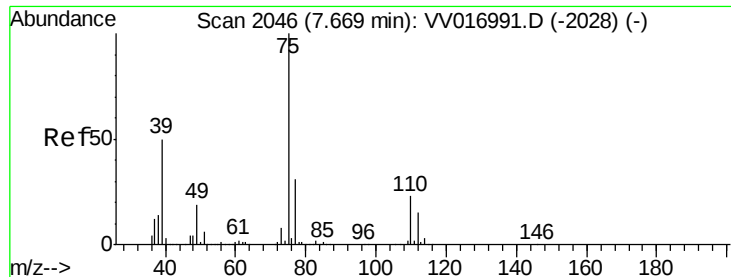
Ion Ratio Lower Upper

96 100

61 1428.2 130.4 242.2#

63 11316.4 103.3 191.9#

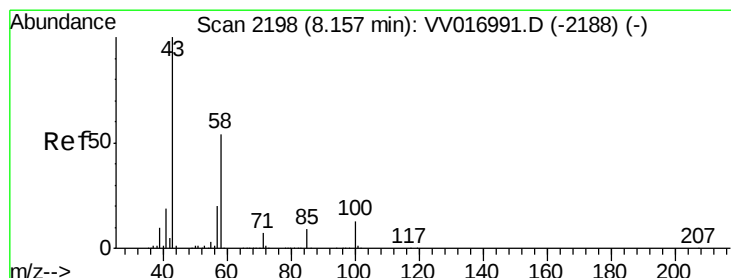
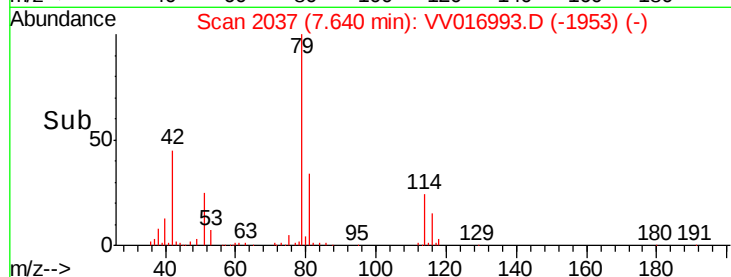
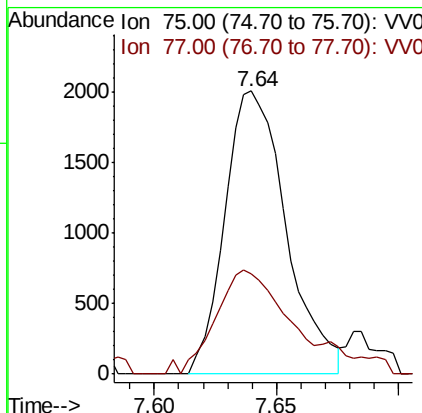
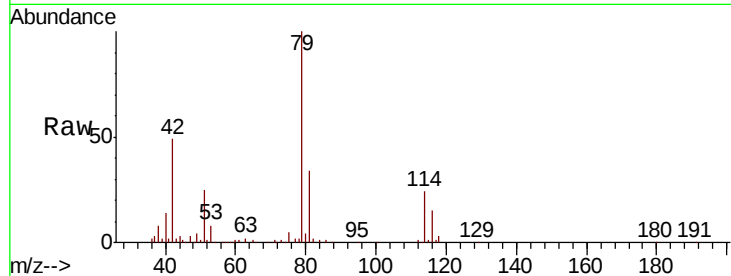




#44
trans-1,3-Dichloropropene
Concen: 0.908 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016993.D
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3514
Ion Ratio Lower Upper
75 100
77 35.5 21.7 40.3



#48
2-Hexanone
Concen: 3.958 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016993.D
Acq: 19 Jun 2020 10:48

Tgt Ion: 43 Resp: 11142
Ion Ratio Lower Upper
43 100
58 49.9 43.1 64.7
57 0.2 15.3 22.9#
100 0.9 10.0 15.0#

