

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017549.D
 Acq On : 20 Jul 2020 17:00
 Operator : SY/MD
 Sample : L3314-05DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:46:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279624	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261564	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82926	53.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.32%
7) Chloroethane-d5	1.58	69	63318	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.64%
11) 1,1-Dichloroethene-d2	2.12	63	181269	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
21) 2-Butanone-d5	3.91	46	106056	93.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.58%
24) Chloroform-d	4.38	84	164174	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	5.06	65	120893	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.07	84	294475	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
36) 1,2-Dichloropropane-d6	6.09	67	87103	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.36%
41) Toluene-d8	7.34	98	286946	52.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.96%
43) trans-1,3-Dichloropropene-	7.64	79	49385	47.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.34%
47) 2-Hexanone-d5	8.11	63	89678	112.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.23%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123674	50.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	120795	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%

Target Compounds

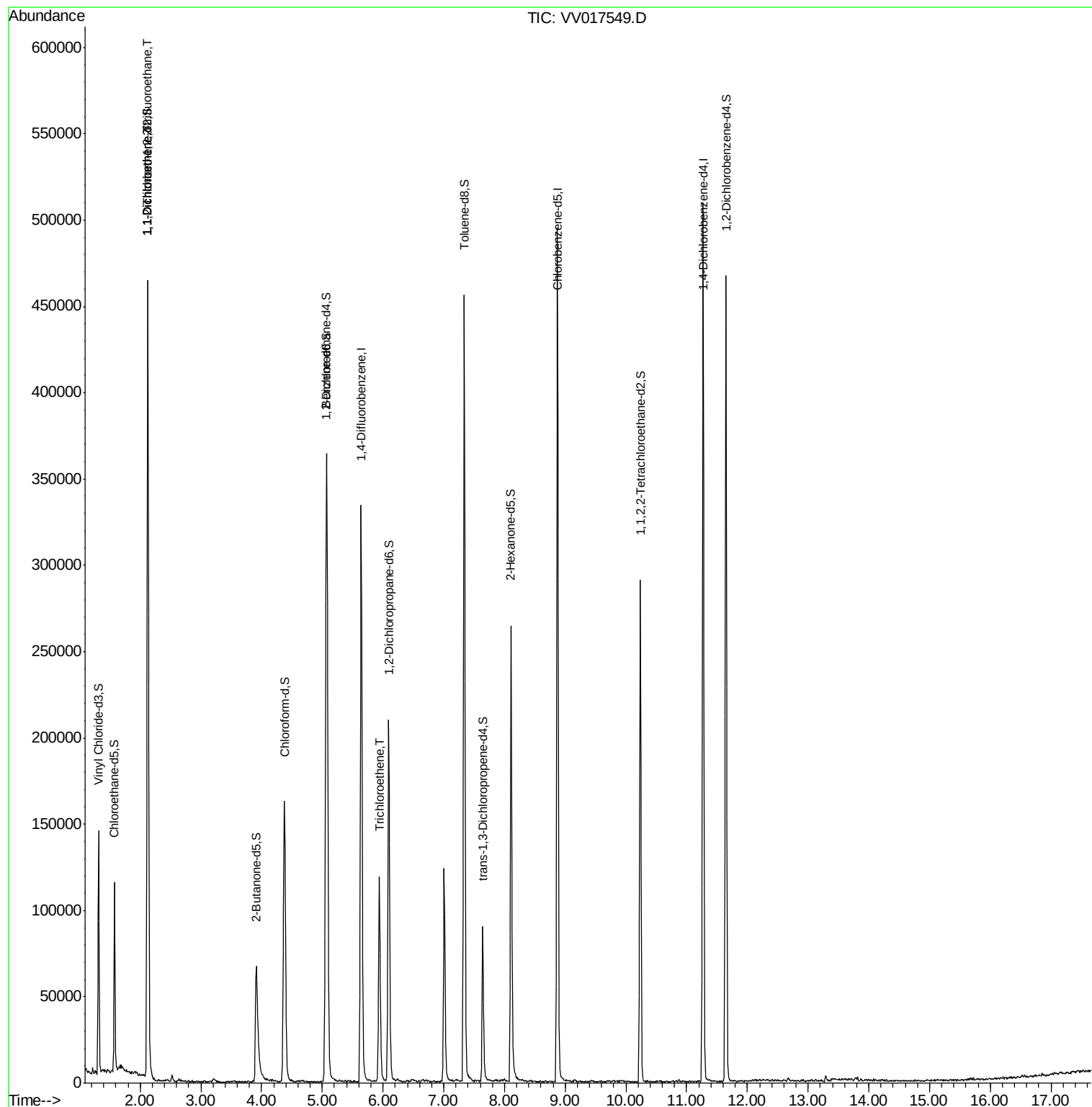
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3049	1.463	ug/L	# 31
12) 1,1-Dichloroethene	2.13	96	78205	41.925	ug/L	97
34) Trichloroethene	5.94	95	40080	21.522	ug/L	96

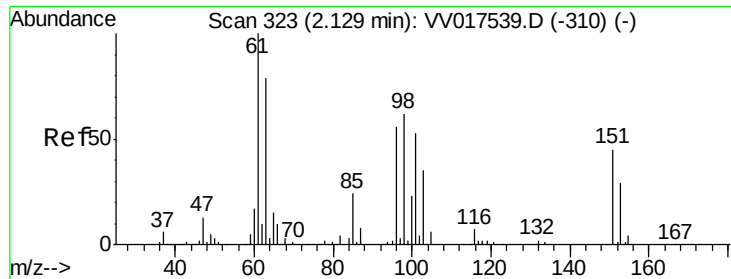
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.463 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017549.D

Acq: 20 Jul 2020 17:00

Instrument :

MSVOA_V

ClientSampleId :

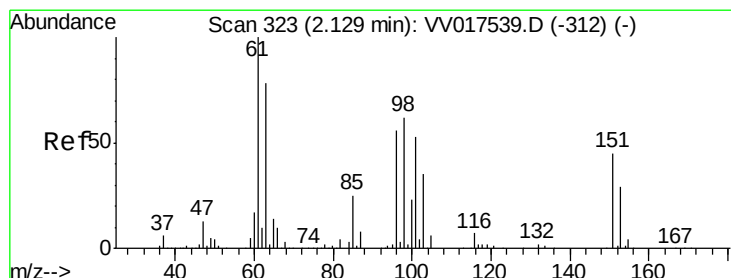
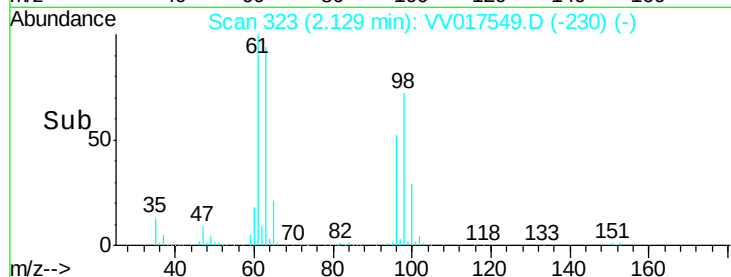
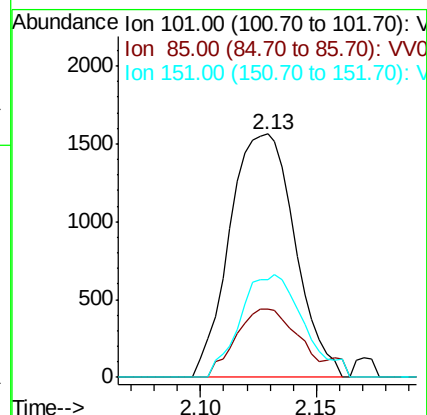
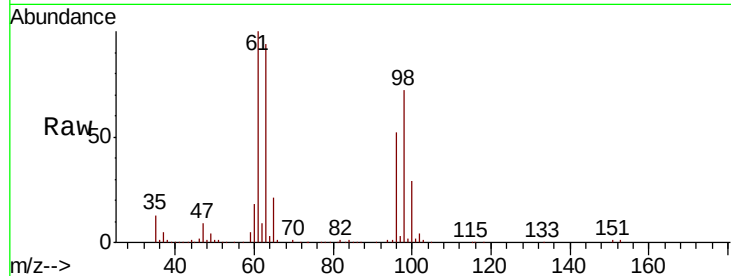
Tot Ion:101 Resp: 3049

Ion Ratio Lower Upper

101 100

85 26.5 36.2 54.4#

151 0.0 65.9 98.9#



#12

1,1-Dichloroethene

Concen: 41.925 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

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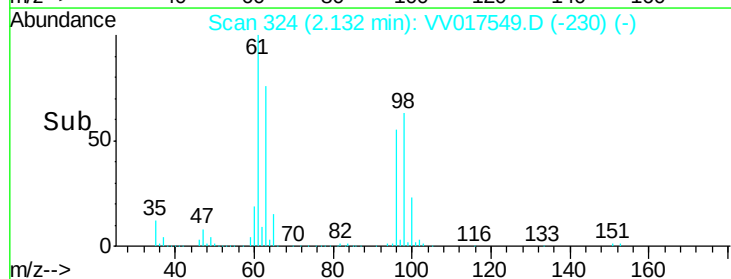
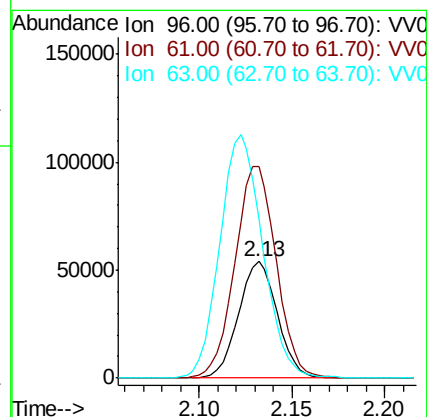
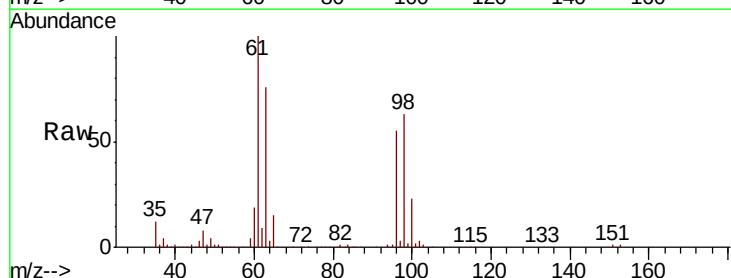
Tgt Ion: 96 Resp: 78205

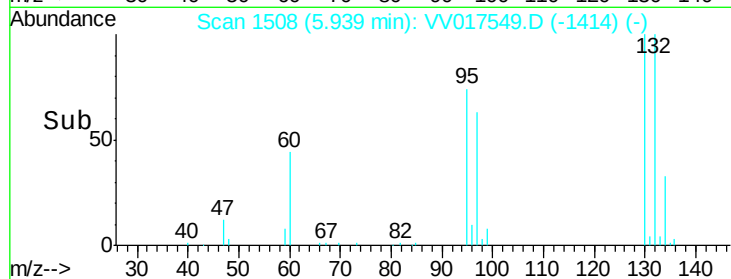
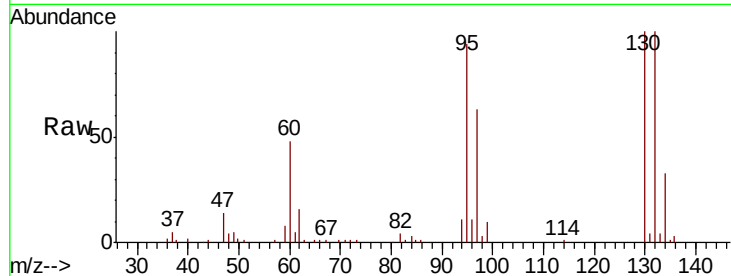
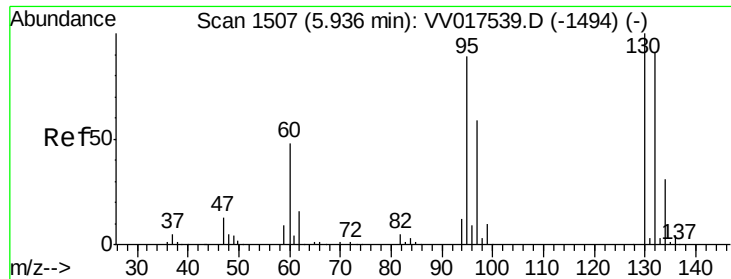
Ion Ratio Lower Upper

96 100

61 181.5 126.0 234.0

63 137.1 99.8 185.4





#34

Trichloroethene

Concen: 21.522 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 40080

Ion Ratio Lower Upper

95 100

97 67.2 46.1 85.5

132 105.5 71.3 132.3

130 105.9 78.3 145.3

Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

