

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061620\
 Data File : VV016949.D
 Acq On : 16 Jun 2020 10:12
 Operator : SY/MD
 Sample : VV0616WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 17 00:57:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 00:55:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342665	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163103	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95892	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.58	69	77004	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.16%
11) 1,1-Dichloroethene-d2	2.12	63	147643	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	3.89	46	170762	95.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.42%
24) Chloroform-d	4.37	84	233096	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
26) 1,2-Dichloroethane-d4	5.05	65	168732	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
32) Benzene-d6	5.07	84	452647	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.09	67	140781	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.74%
41) Toluene-d8	7.33	98	421647	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.64	79	69880	45.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.28%
47) 2-Hexanone-d5	8.11	63	97725	75.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172135	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	180328	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%

Target Compounds

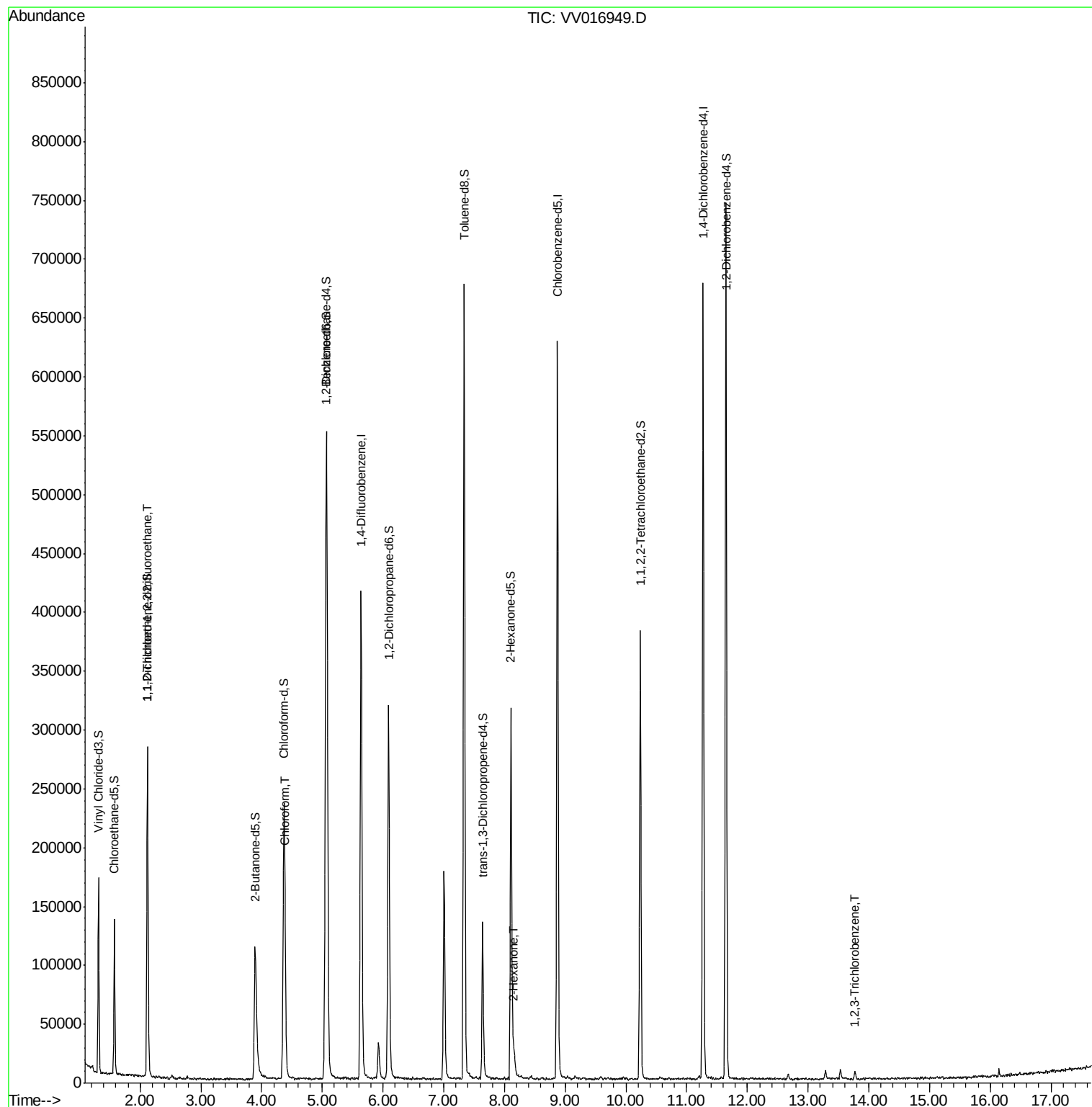
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1855	1.018	ug/L #	24
25) Chloroform	4.40	83	3827	0.853	ug/L	83
48) 2-Hexanone	8.16	43	11967	4.280	ug/L #	77
70) 1,2,3-Trichlorobenzene	13.77	180	1501	0.434	ug/L #	88

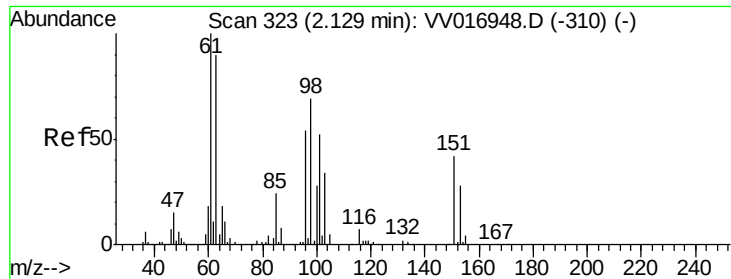
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.018 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016949.D

Acq: 16 Jun 2020 10:12

Instrument :

MSVOA_V

ClientSampled :

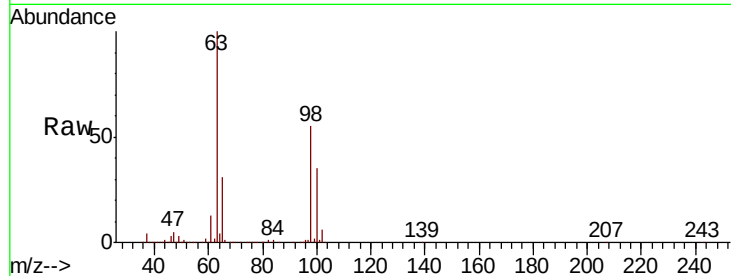
Tot Ion:101 Resp: 1855

Ion Ratio Lower Upper

101 100

85 4.3 35.5 53.3#

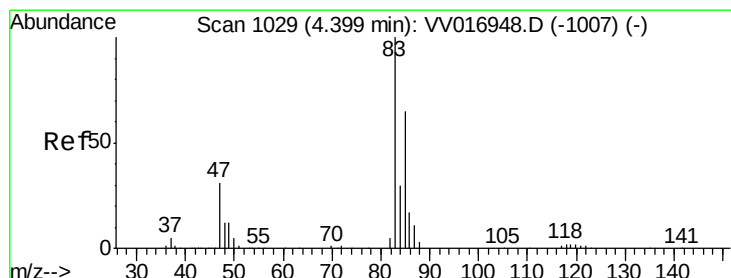
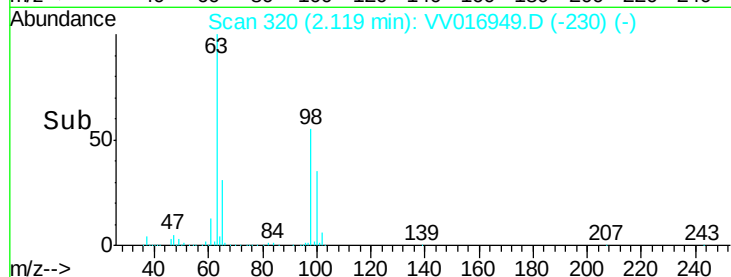
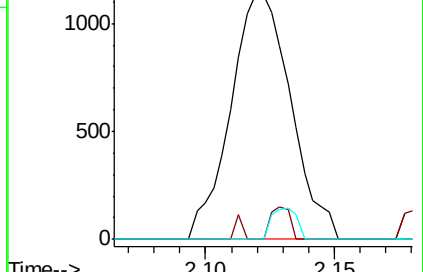
151 5.3 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.853 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VV016949.D

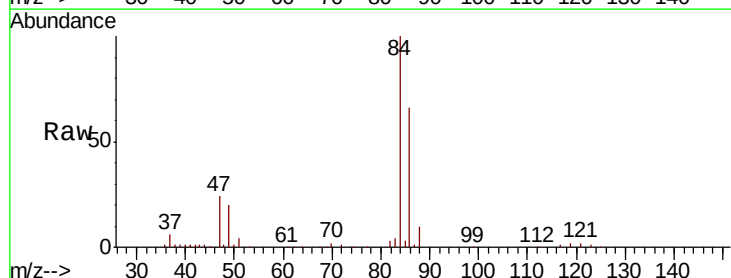
Acq: 16 Jun 2020 10:12

Tgt Ion: 83 Resp: 3827

Ion Ratio Lower Upper

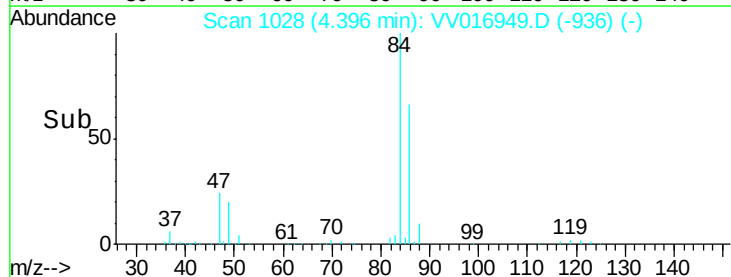
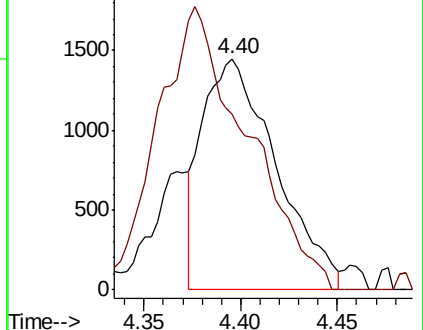
83 100

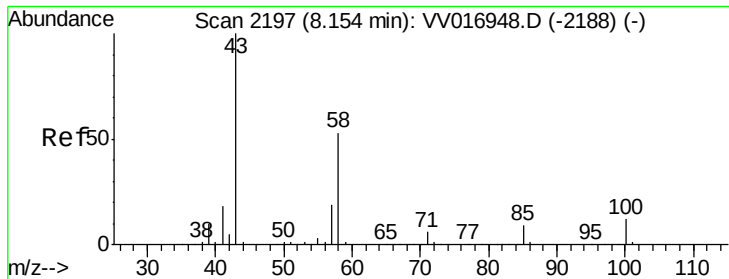
85 76.3 44.1 81.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#48

2-Hexanone

Concen: 4.280 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV016949.D

Acq: 16 Jun 2020 10:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 11967

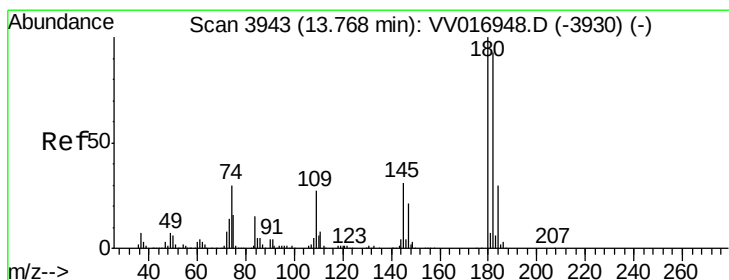
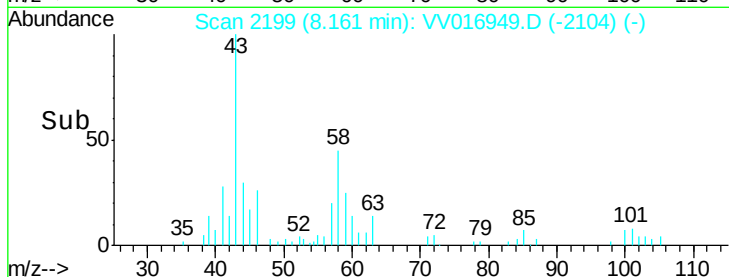
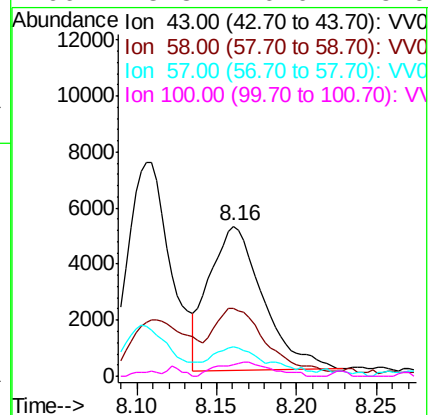
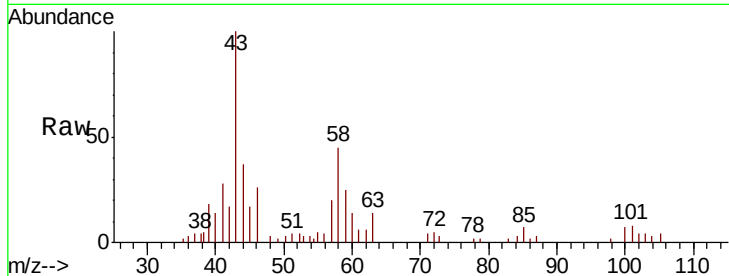
Ion Ratio Lower Upper

43 100

58 36.9 43.1 64.7#

57 8.9 15.3 22.9#

100 3.8 10.0 15.0#



#70

1,2,3-Trichlorobenzene

Concen: 0.434 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV016949.D

Acq: 16 Jun 2020 10:12

Tgt Ion: 180 Resp: 1501

Ion Ratio Lower Upper

180 100

182 107.4 76.5 114.7

145 39.8 26.1 39.1#

