

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016519.D
 Acq On : 04 Jun 2020 19:16
 Operator : SY/MD
 Sample : L2849-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:57:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93972	36.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.04%
7) Chloroethane-d5	1.56	69	72981	38.75	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.50%
11) 1,1-Dichloroethene-d2	2.12	63	127533	27.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.16%#
21) 2-Butanone-d5	3.90	46	205589	123.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.26%
24) Chloroform-d	4.37	84	223905	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.05	65	156944	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
32) Benzene-d6	5.07	84	438553	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
36) 1,2-Dichloropropane-d6	6.09	67	141221	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.34	98	398662	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%
43) trans-1,3-Dichloropropene-	7.64	79	62230	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.08%
47) 2-Hexanone-d5	8.11	63	153644	125.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198518	51.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	161650	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

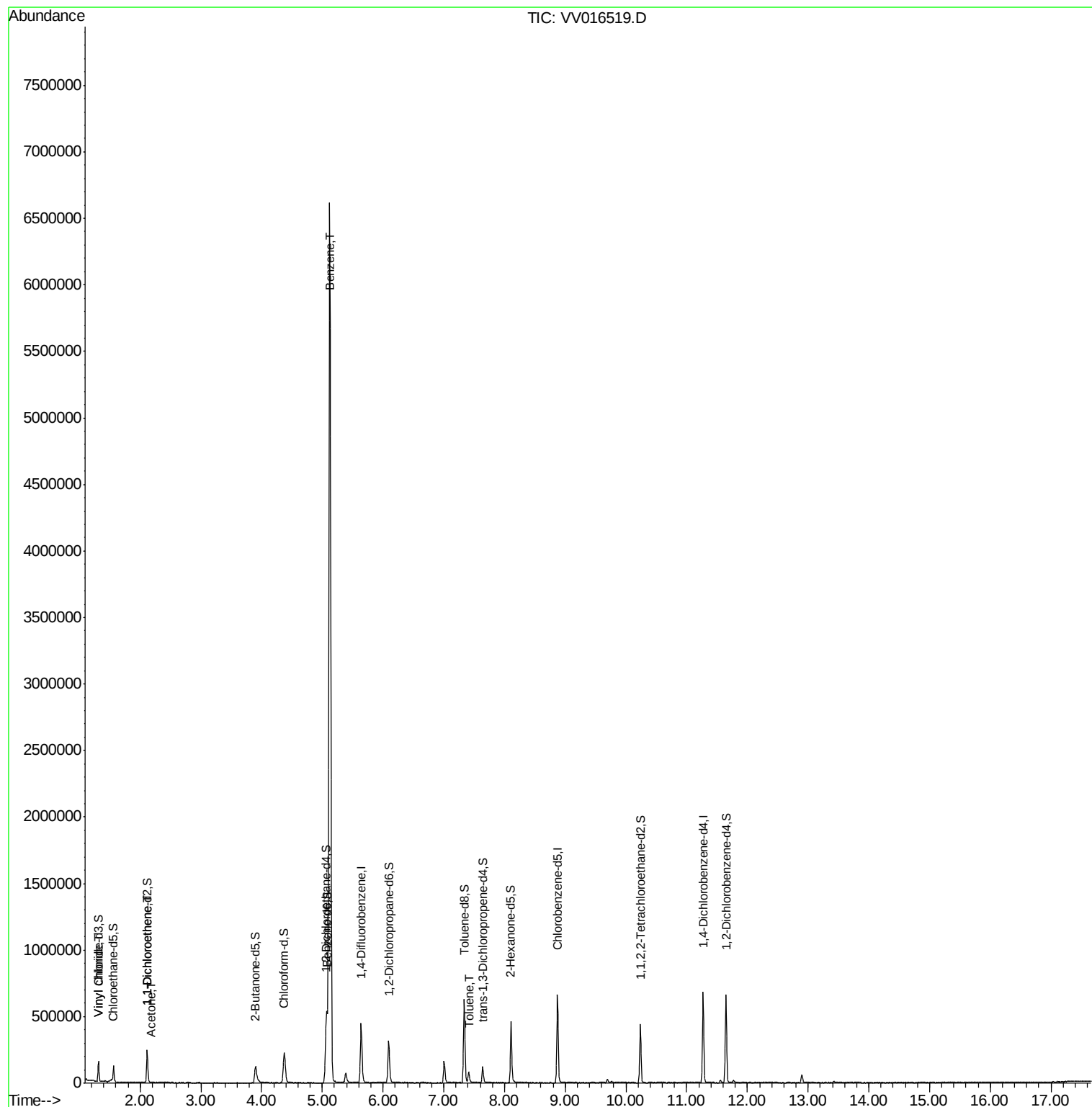
					Ovalue
5) Vinyl chloride	1.32	62	1908	0.674 ug/L #	1
12) 1,1-Dichloroethene	2.12	96	1417	0.693 ug/L #	1
13) Acetone	2.18	43	2928	1.878 ug/L	95
33) Benzene	5.13	78	6377260	631.339 ug/L	100
42) Toluene	7.41	91	56022	5.234 ug/L	97

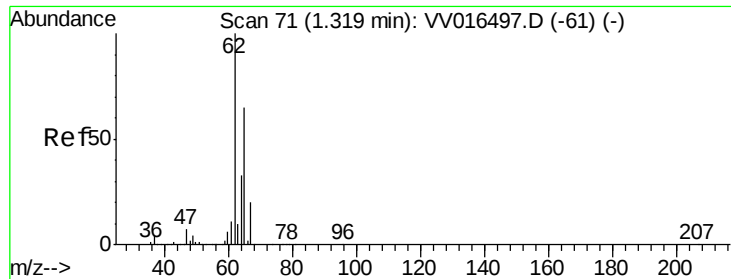
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.674 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016519.D

Acq: 04 Jun 2020 19:16

Instrument :

MSVOA_V

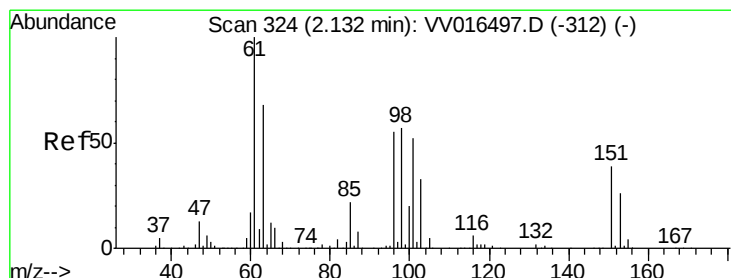
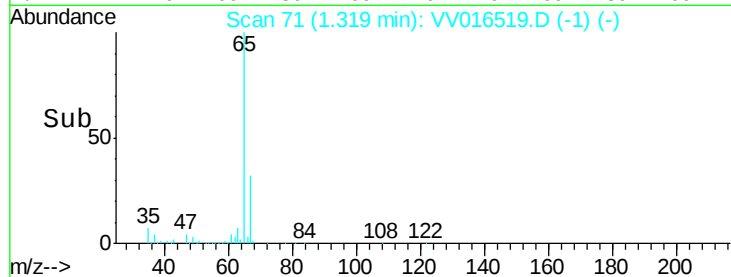
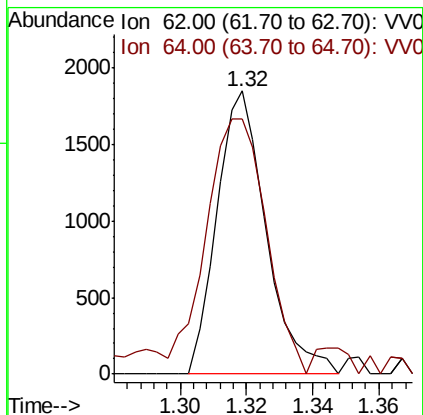
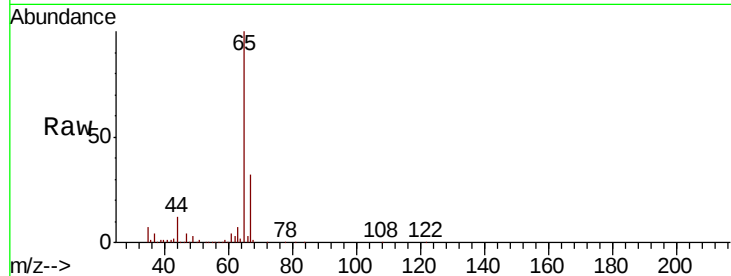
ClientSampleId :

Tot Ion: 62 Resp: 1908

Ion Ratio Lower Upper

62 100

64 90.0 22.7 42.1#



#12

1,1-Dichloroethene

Concen: 0.693 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV016519.D

Acq: 04 Jun 2020 19:16

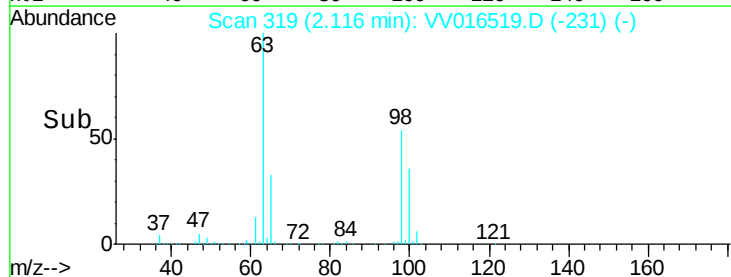
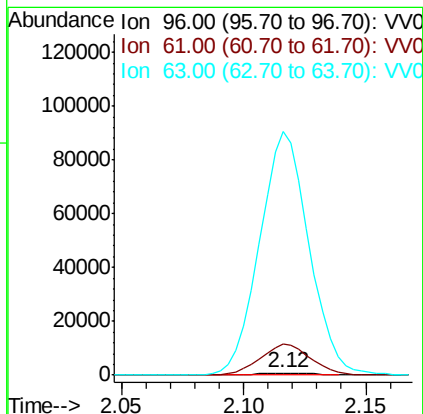
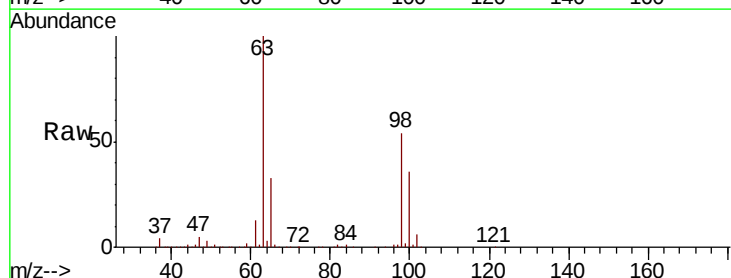
Tgt Ion: 96 Resp: 1417

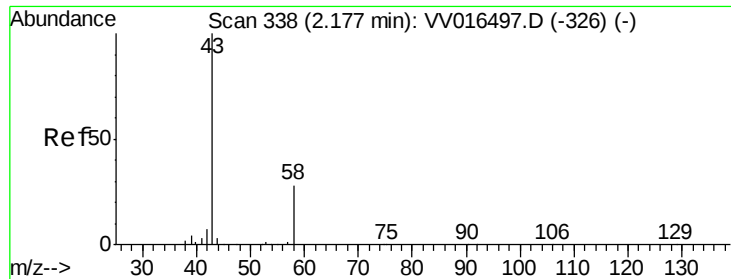
Ion Ratio Lower Upper

96 100

61 1334.9 125.5 233.1#

63 10628.2 104.0 193.1#





#13

Acetone

Concen: 1.878 ug/L

RT: 2.18 min Scan# 339

Delta R.T. 0.00 min

Lab File: VV016519.D

Acq: 04 Jun 2020 19:16

Instrument :

MSVOA_V

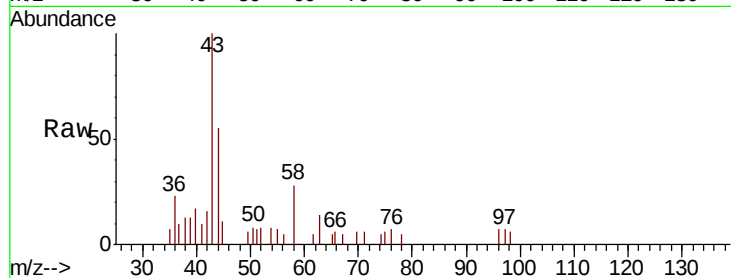
ClientSampleId :

Tot Ion: 43 Resp: 2928

Ion Ratio Lower Upper

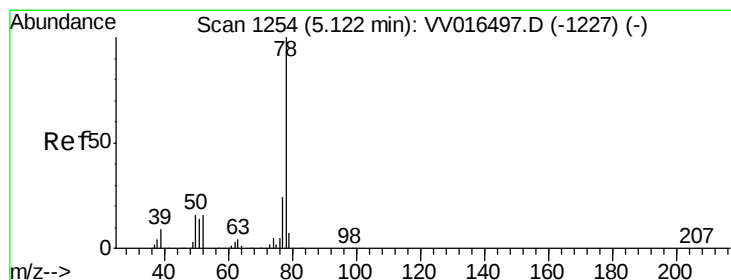
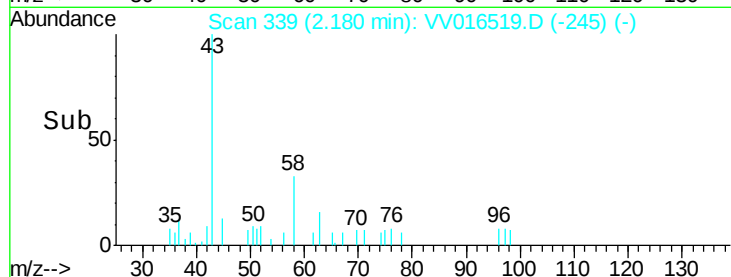
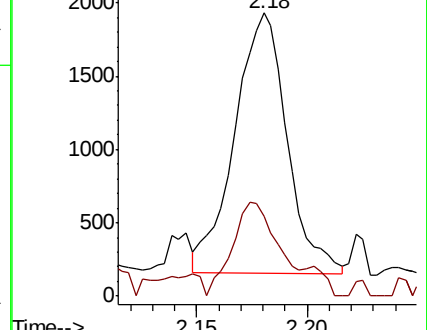
43 100

58 31.4 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016497.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016497.D (-326) (-)



#33

Benzene

Concen: 631.339 ug/L

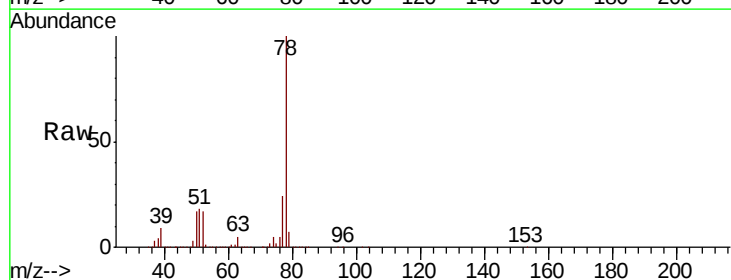
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016519.D

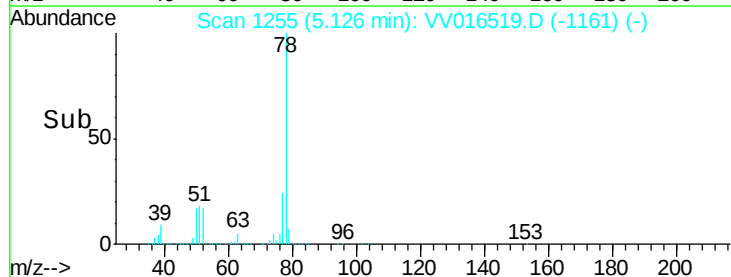
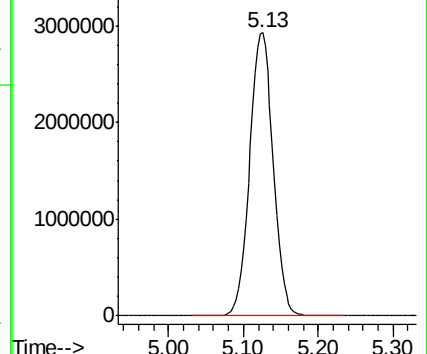
Acq: 04 Jun 2020 19:16

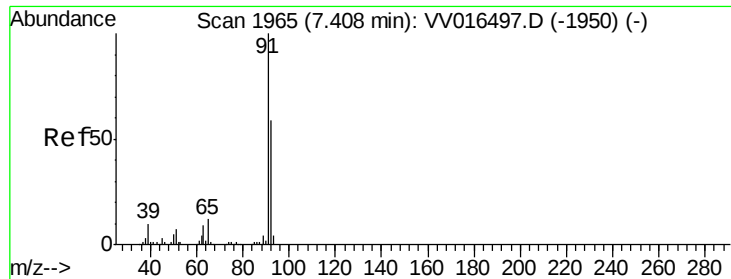
Tgt Ion: 78 Resp: 6377260



Abundance Ion 78.00 (77.70 to 78.70): VV016497.D (-1227) (-)

Ion 78.00 (77.70 to 78.70): VV016497.D (-1227) (-)





#42

Toluene

Concen: 5.234 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016519.D

Acq: 04 Jun 2020 19:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 56022

Ion Ratio Lower Upper

91 100

92 55.9 40.9 75.9

