

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016832.D
 Acq On : 11 Jun 2020 17:17
 Operator : SY/MD
 Sample : L2929-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:33:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360857	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	82127	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.50%
7) Chloroethane-d5	1.56	69	60632	39.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.36%
11) 1,1-Dichloroethene-d2	2.12	63	117273	27.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.86%#
21) 2-Butanone-d5	3.89	46	157324	83.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.48%
24) Chloroform-d	4.37	84	199504	38.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.06%
26) 1,2-Dichloroethane-d4	5.05	65	146493	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.20%
32) Benzene-d6	5.07	84	380797	38.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.70%
36) 1,2-Dichloropropane-d6	6.09	67	120856	39.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.08%
41) Toluene-d8	7.34	98	346508	38.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.06%#
43) trans-1,3-Dichloropropene-	7.64	79	57834	35.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.74%
47) 2-Hexanone-d5	8.11	63	99554	73.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167339	40.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	150876	41.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.96%

Target Compounds

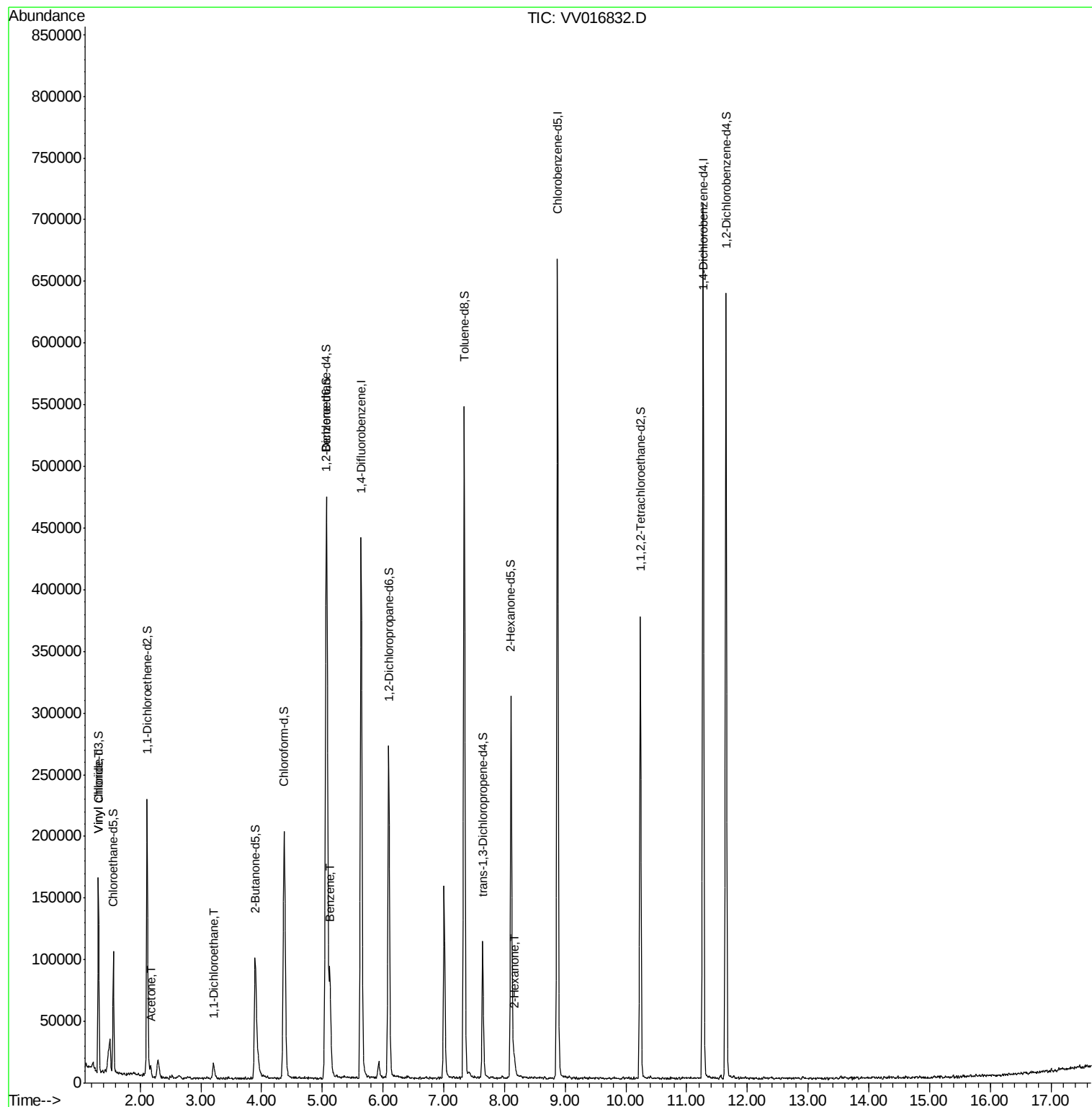
					Ovalue
5) Vinyl chloride	1.32	62	14015	5.447 ug/L	91
13) Acetone	2.17	43	7483	6.026 ug/L	96
19) 1,1-Dichloroethane	3.21	63	10646	2.316 ug/L	95
33) Benzene	5.12	78	83162	8.159 ug/L	100
48) 2-Hexanone	8.16	43	8215	2.821 ug/L #	76

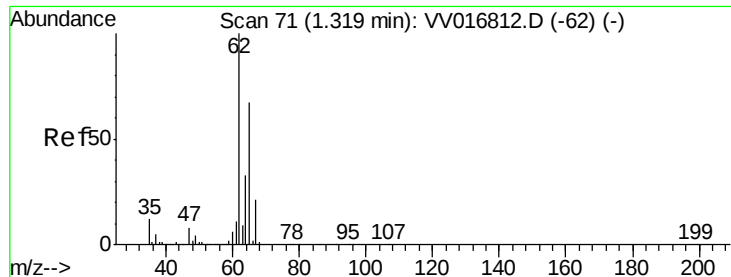
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.447 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016832.D

Acq: 11 Jun 2020 17:17

Instrument :

MSVOA_V

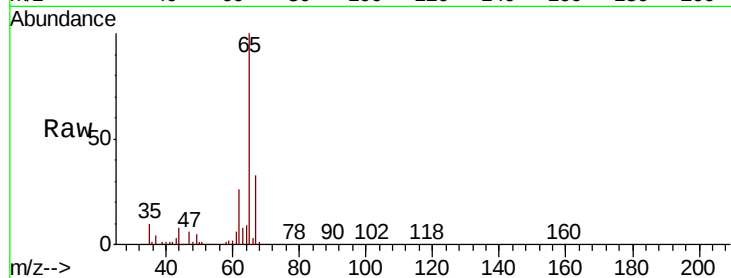
ClientSampleId :

Tot Ion: 62 Resp: 14015

Ion Ratio Lower Upper

62 100

64 36.7 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

15000

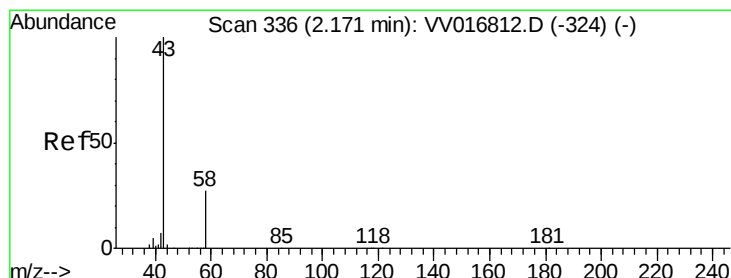
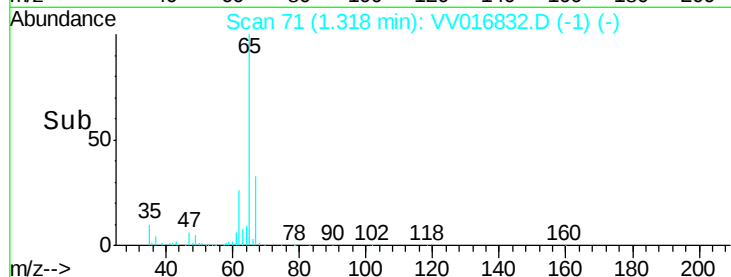
10000

5000

0

1.30 1.32 1.35

Time-->



#13

Acetone

Concen: 6.026 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016832.D

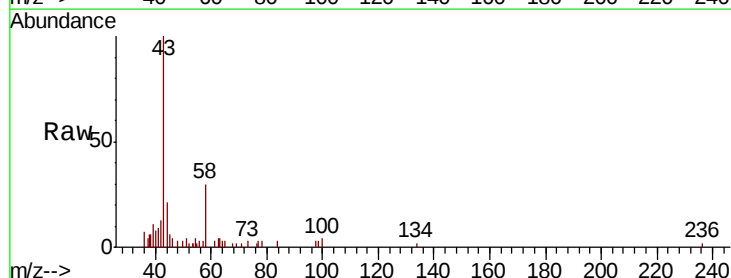
Acq: 11 Jun 2020 17:17

Tgt Ion: 43 Resp: 7483

Ion Ratio Lower Upper

43 100

58 25.4 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

5000

4000

3000

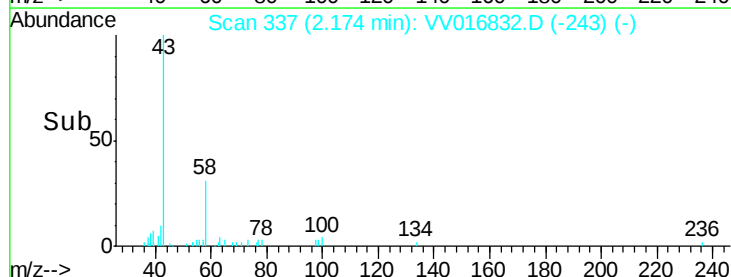
2000

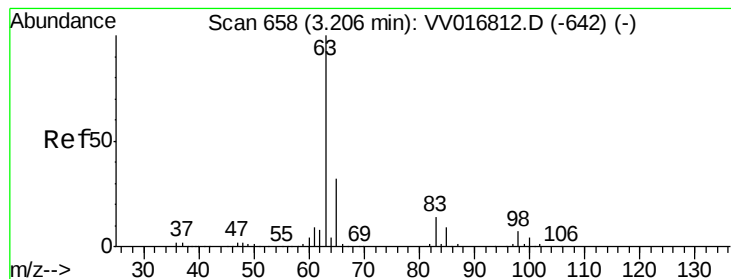
1000

0

2.10 2.15 2.20

Time-->





#19

1,1-Dichloroethane

Concen: 2.316 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV016832.D

Acq: 11 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

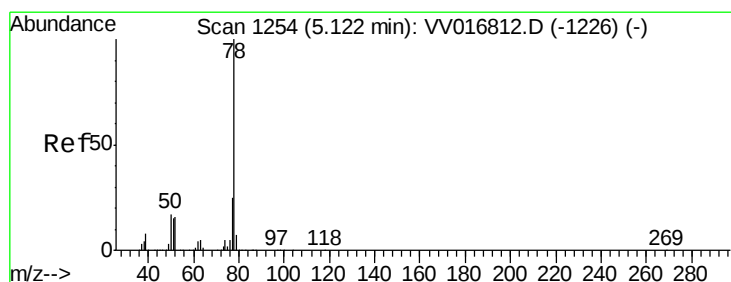
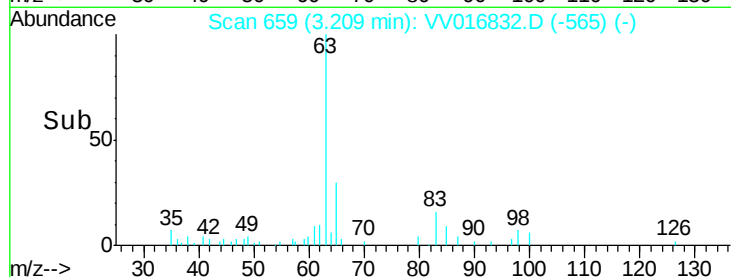
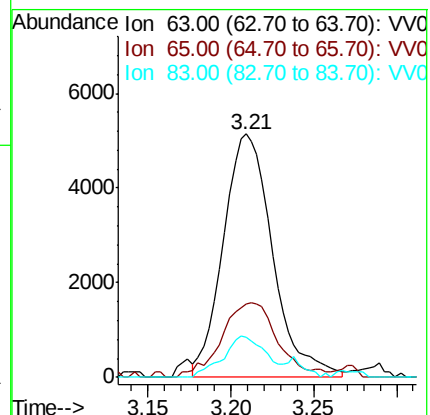
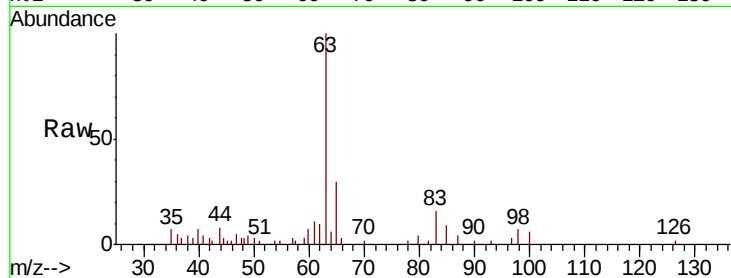
Tot Ion: 63 Resp: 10646

Ion Ratio Lower Upper

63 100

65 30.2 23.2 43.0

83 16.3 10.0 18.6



#33

Benzene

Concen: 8.159 ug/L

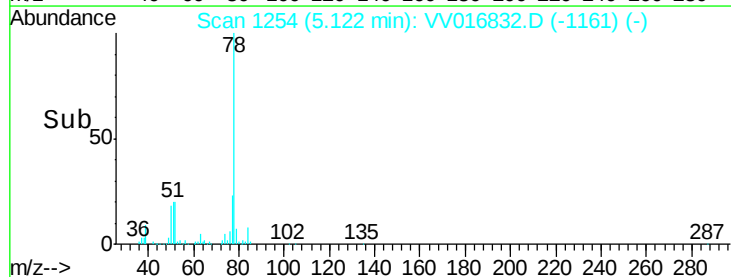
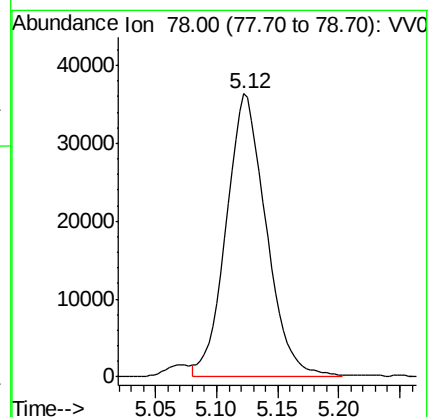
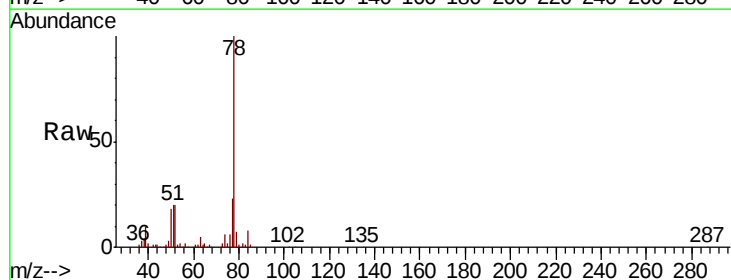
RT: 5.12 min Scan# 1254

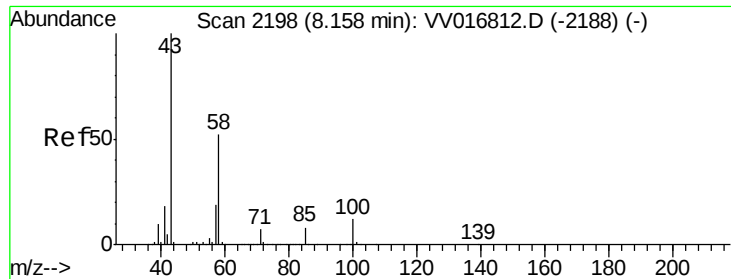
Delta R.T. -0.00 min

Lab File: VV016832.D

Acq: 11 Jun 2020 17:17

Tgt Ion: 78 Resp: 83162





#48
 2-Hexanone
 Concen: 2.821 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016832.D
 Acq: 11 Jun 2020 17:17

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.2	43.1	64.7#
57	5.5	15.3	22.9#
100	6.9	10.0	15.0#

