

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017344.D
 Acq On : 06 Jul 2020 12:05
 Operator : SY/MD
 Sample : L3154-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4288

Quant Time: Jul 07 02:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	170342	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165307	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39204	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	34442	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.12	63	59983	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	3.95	46	119680	45.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.86%
24) Chloroform-d	4.38	84	101205	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	55764	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.07	84	178226	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.10	67	51848	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.80%
41) Toluene-d8	7.34	98	153393	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
45) trans-1,3-Dichloropropene-	7.64	79	19699	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
48) 2-Hexanone-d5	8.11	63	79041	38.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39389	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	67450	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

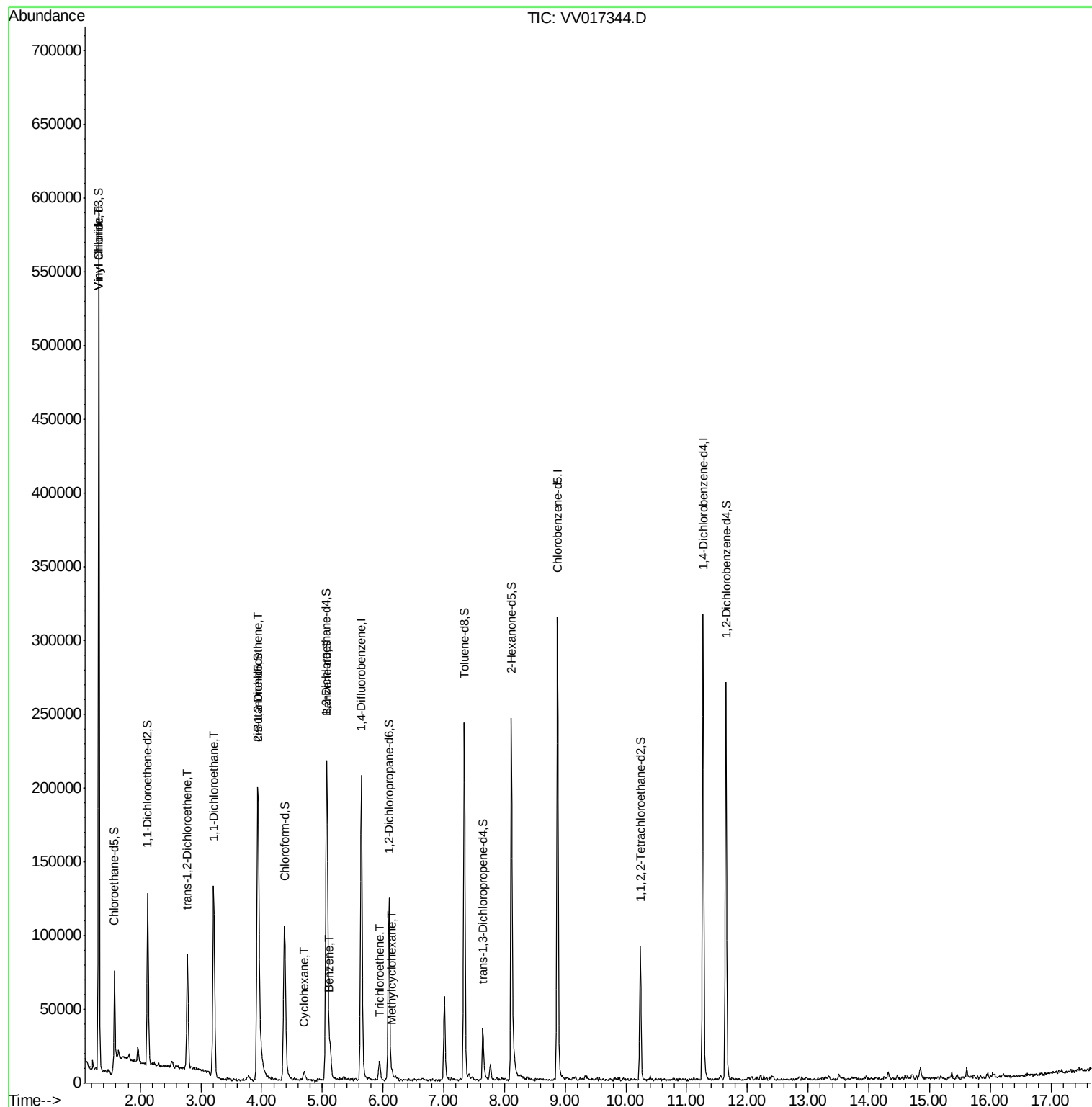
					Ovalue
5) Vinyl chloride	1.32	62	313867	28.080	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	26896	3.105	ug/L 94
19) 1,1-Dichloroethane	3.21	63	126717	6.510	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	87144	7.356	ug/L 99
30) Cyclohexane	4.70	56	2959	0.157	ug/L 97
33) Benzene	5.13	78	24613	0.569	ug/L 100
34) Trichloroethene	5.95	95	3825	0.302	ug/L 97
35) Methylcyclohexane	6.15	83	1414	0.072	ug/L # 51

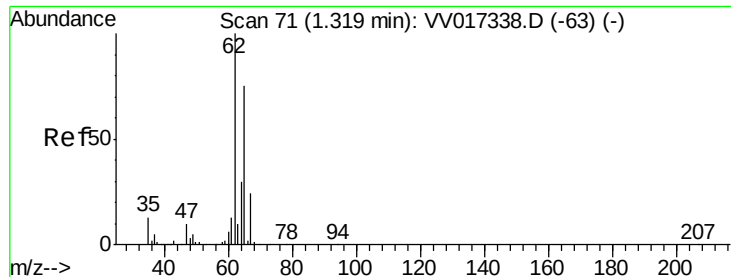
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
Data File : VV017344.D
Acq On : 06 Jul 2020 12:05
Operator : SY/MD
Sample : L3154-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4288

Quant Time: Jul 07 02:04:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 28.080 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017344.D

Acq: 06 Jul 2020 12:05

Instrument :

MSVOA_V

ClientSampleId :

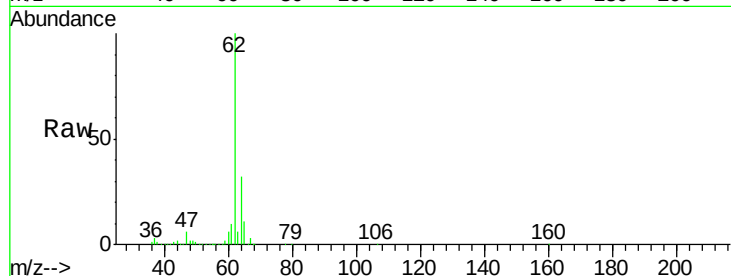
H4288

Tot Ion: 62 Resp: 313867

Ion Ratio Lower Upper

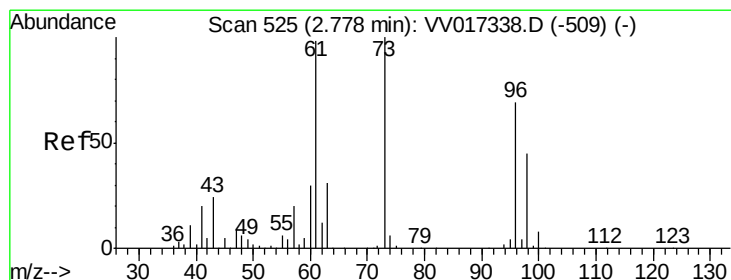
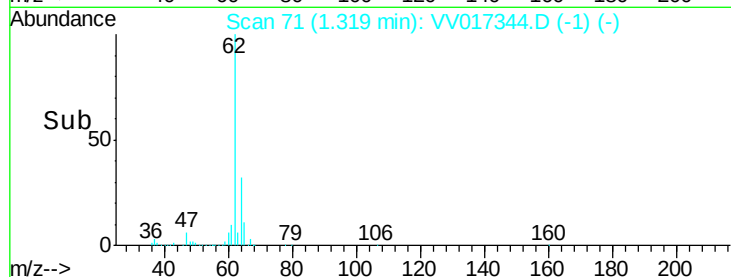
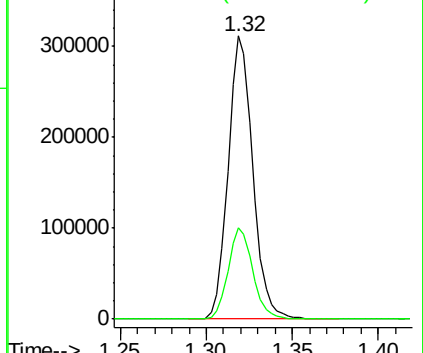
62 100

64 32.2 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 3.105 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017344.D

Acq: 06 Jul 2020 12:05

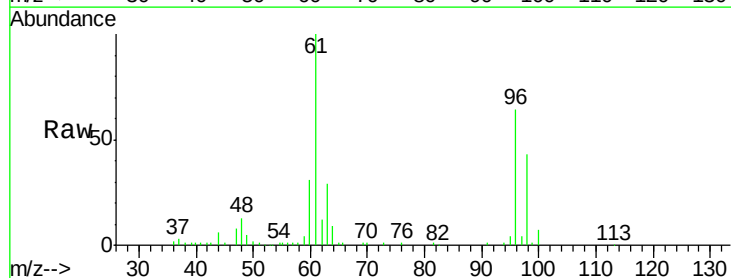
Tgt Ion: 96 Resp: 26896

Ion Ratio Lower Upper

96 100

61 155.2 102.3 189.9

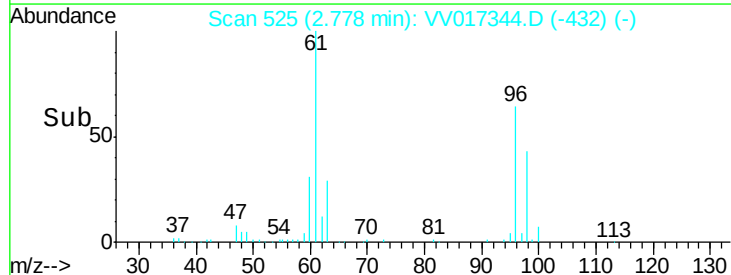
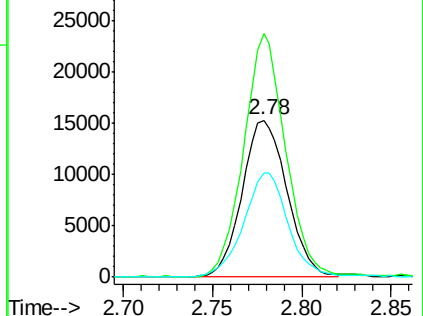
98 66.3 44.7 82.9

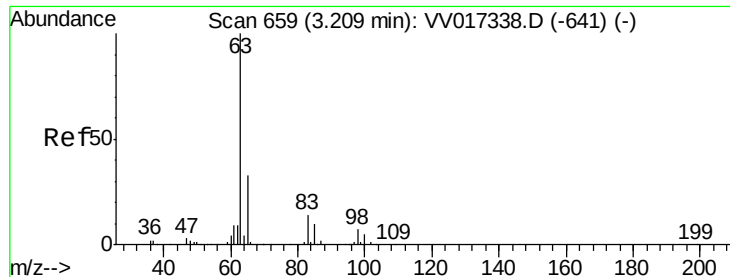


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

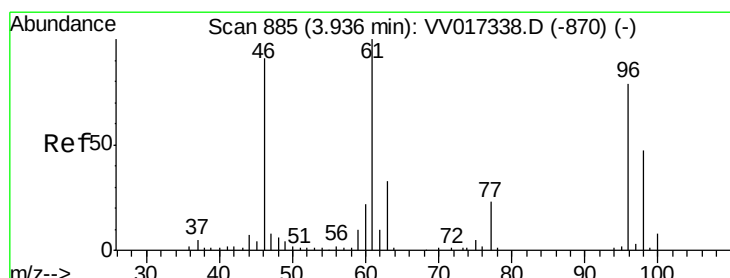
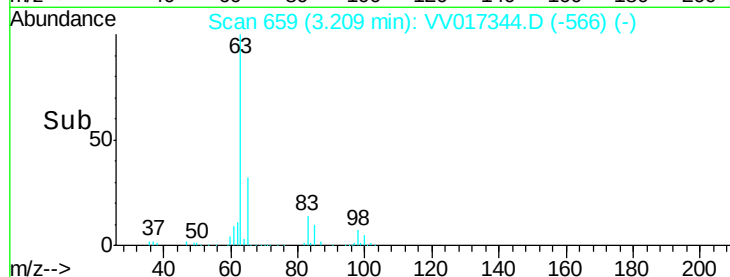
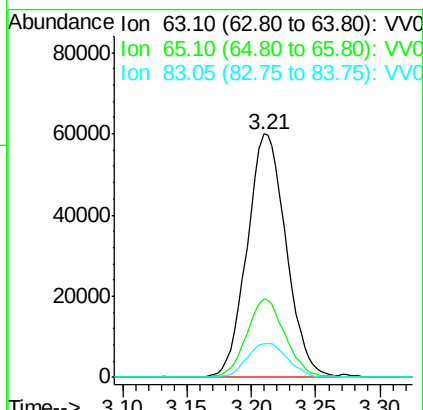
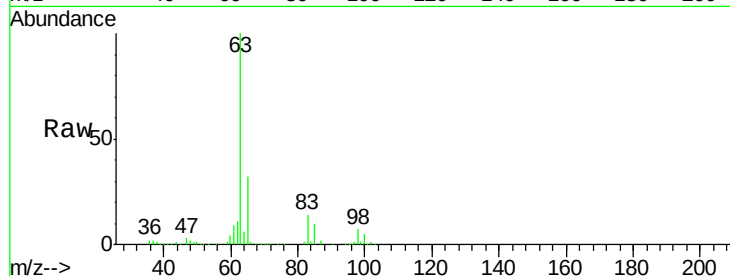




#19
 1,1-Dichloroethane
 Concen: 6.510 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017344.D
 Acq: 06 Jul 2020 12:05

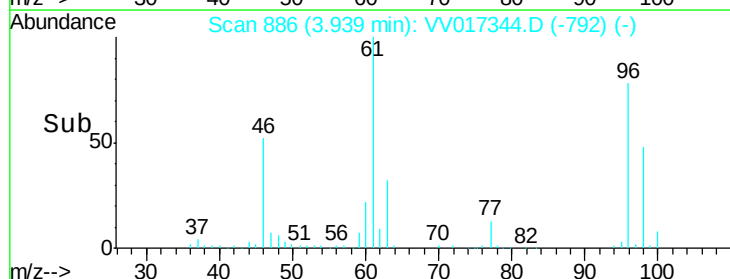
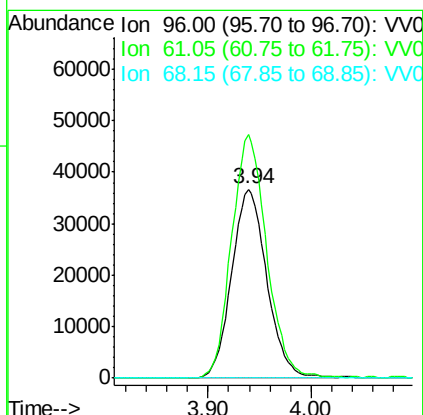
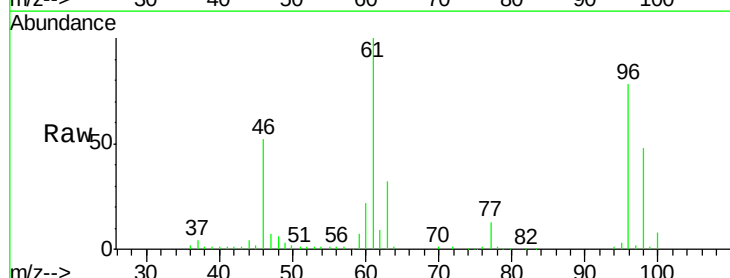
Instrument :
 MSVOA_V
 ClientSampleId :
 H4288

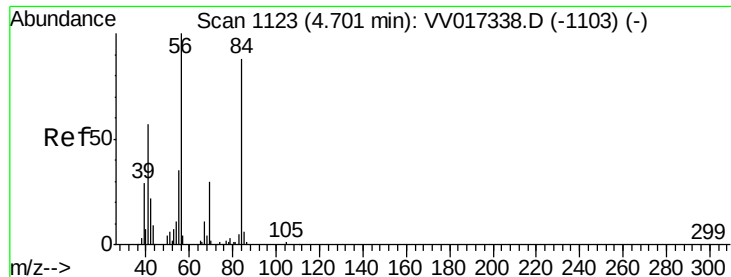
Tot Ion: 63 Resp: 126717
 Ion Ratio Lower Upper
 63 100
 65 32.0 21.8 40.4
 83 13.9 9.7 17.9



#22
 cis-1,2-Dichloroethene
 Concen: 7.356 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017344.D
 Acq: 06 Jul 2020 12:05

Tgt Ion: 96 Resp: 87144
 Ion Ratio Lower Upper
 96 100
 61 128.8 91.0 169.0
 68 0.0 0.0 0.0

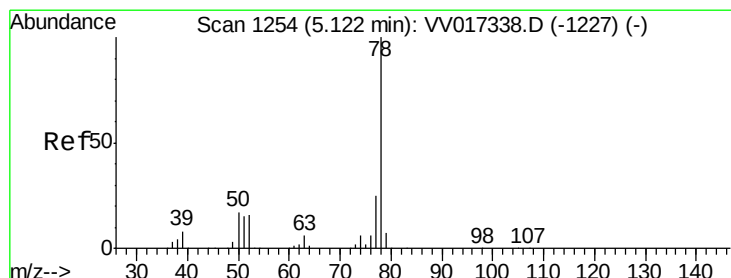
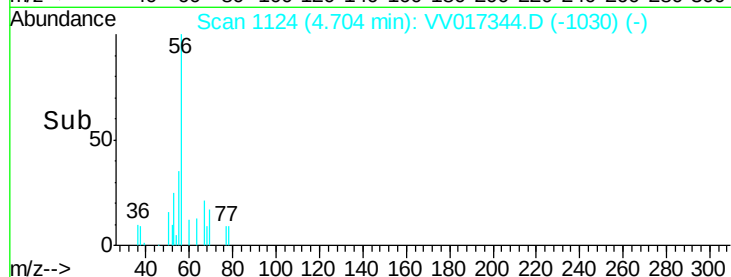
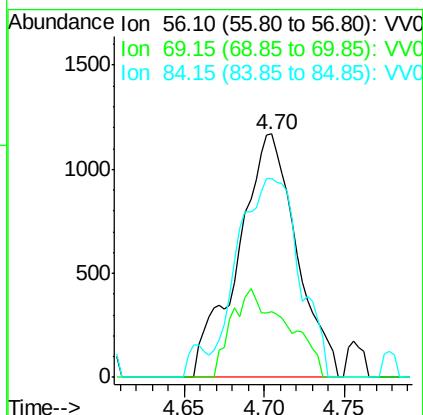
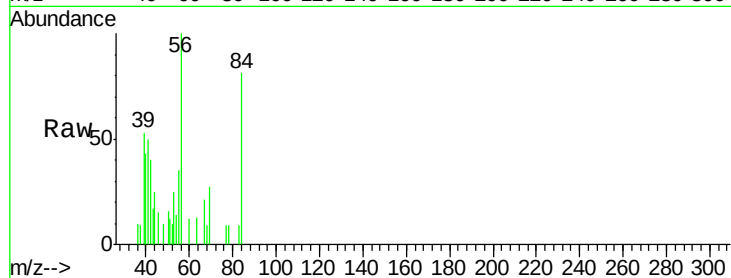




#30
Cyclohexane
Concen: 0.157 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV017344.D
Acq: 06 Jul 2020 12:05

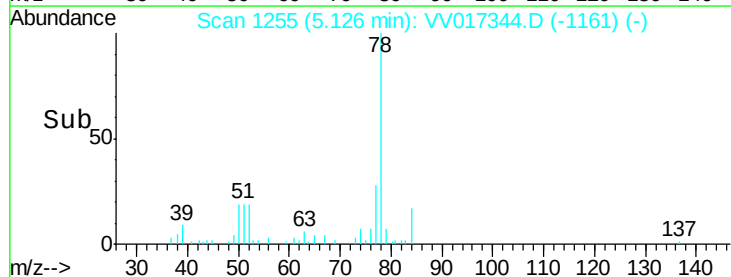
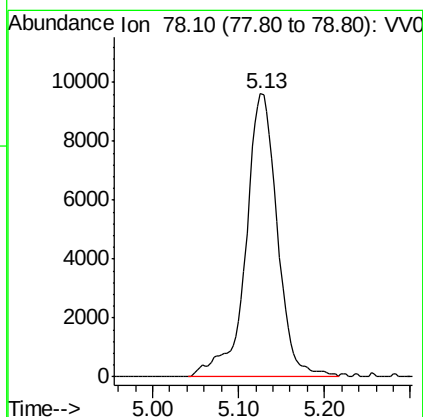
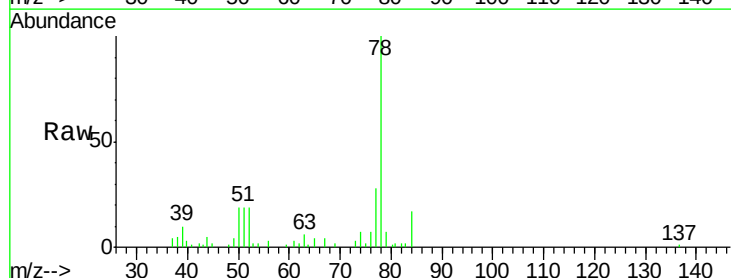
Instrument :
MSVOA_V
ClientSampleId :
H4288

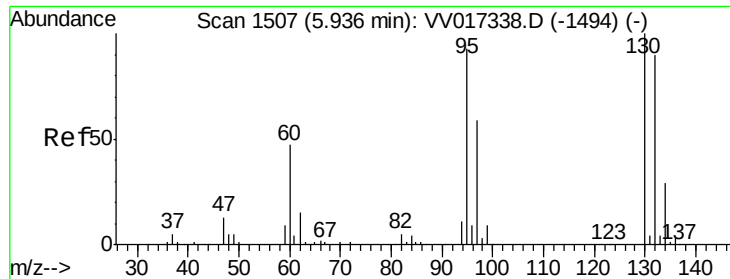
Tot Ion: 56 Resp: 2959
Ion Ratio Lower Upper
56 100
69 34.0 24.4 36.6
84 85.2 69.9 104.9



#33
Benzene
Concen: 0.569 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017344.D
Acq: 06 Jul 2020 12:05

Tgt Ion: 78 Resp: 24613





#34

Trichloroethene

Concen: 0.302 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017344.D

Acq: 06 Jul 2020 12:05

Instrument :

MSVOA_V

ClientSampleId :

H4288

Tot Ion: 95 Resp: 3825

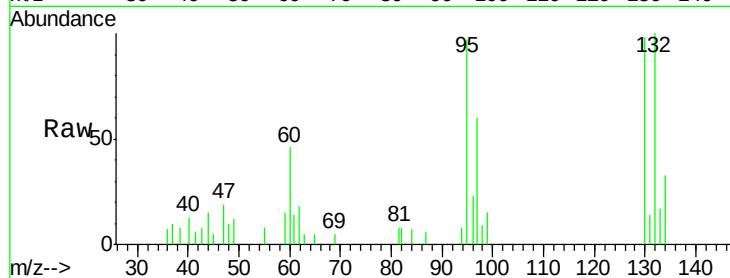
Ion Ratio Lower Upper

95 100

97 61.6 45.3 84.1

132 103.1 68.8 127.8

130 100.9 70.2 130.4

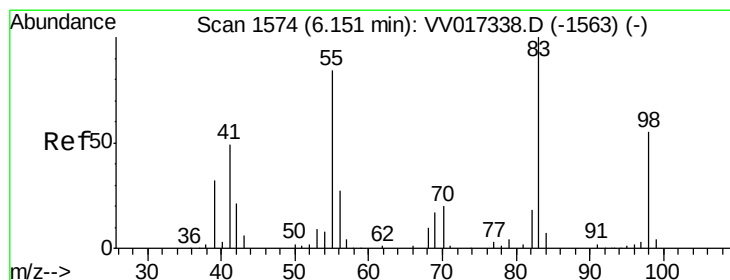
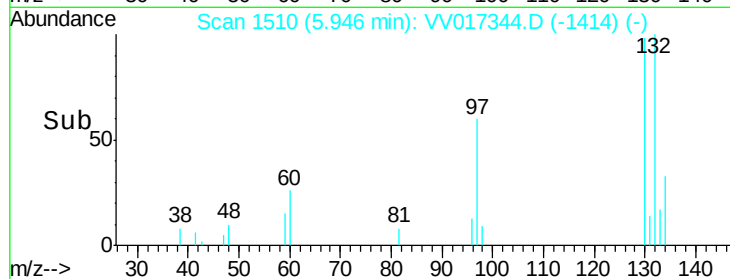
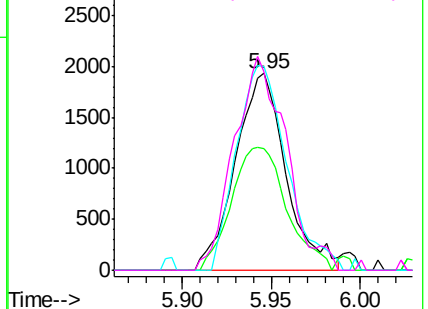


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.072 ug/L

RT: 6.15 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VV017344.D

Acq: 06 Jul 2020 12:05

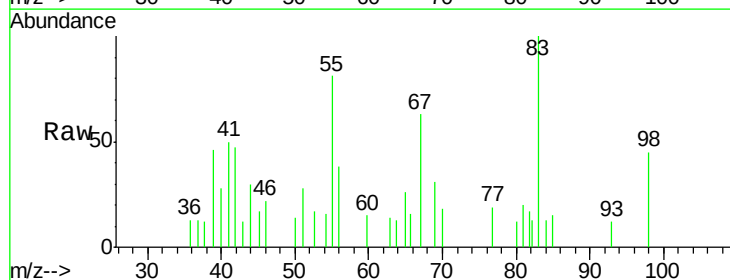
Tgt Ion: 83 Resp: 1414

Ion Ratio Lower Upper

83 100

55 140.7 63.6 95.4#

98 59.1 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

