

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017311.D
 Acq On : 02 Jul 2020 15:18
 Operator : SY/MD
 Sample : L3154-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4295

Quant Time: Jul 03 06:03:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	174294	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167950	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	87639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41723	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	39020	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	67356	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.93	46	129513	48.58	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.16%
24) Chloroform-d	4.38	84	109316	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	61367	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.08	84	192659	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.10	67	59286	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.34	98	175899	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
45) trans-1,3-Dichloropropene-	7.65	79	22367	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
48) 2-Hexanone-d5	8.11	63	93055	44.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45170	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	76160	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

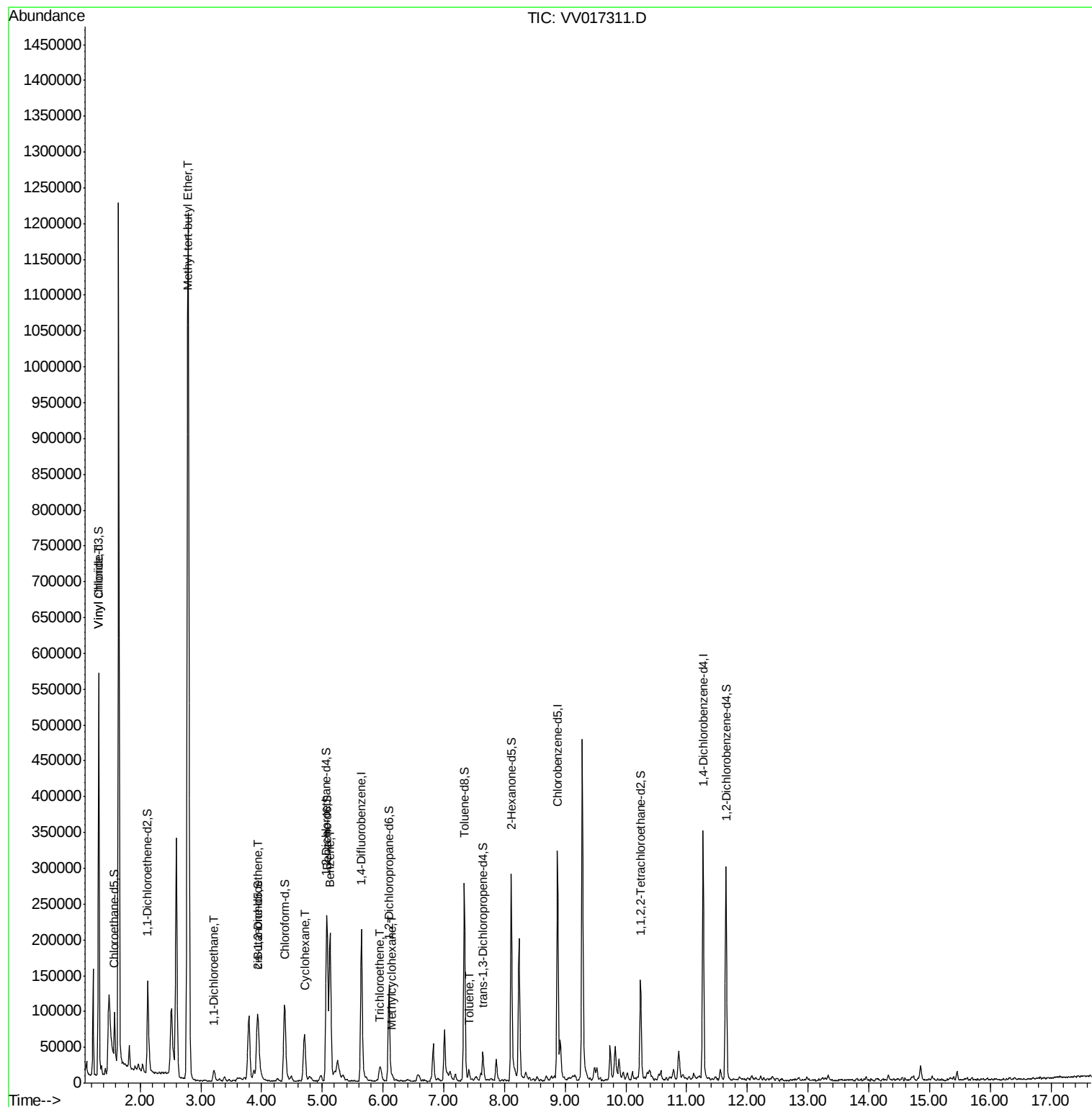
					Ovalue
5) Vinyl chloride	1.32	62	130186	11.383	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	1177831	56.077	ug/L 97
19) 1,1-Dichloroethane	3.21	63	15301	0.768	ug/L 95
22) cis-1,2-Dichloroethene	3.94	96	18296	1.509	ug/L # 98
30) Cyclohexane	4.71	56	35016	1.829	ug/L 98
33) Benzene	5.13	78	200760	4.564	ug/L 100
34) Trichloroethene	5.94	95	3705	0.288	ug/L 85
35) Methylcyclohexane	6.15	83	2588	0.129	ug/L 86
42) Toluene	7.41	91	10983	0.215	ug/L 95

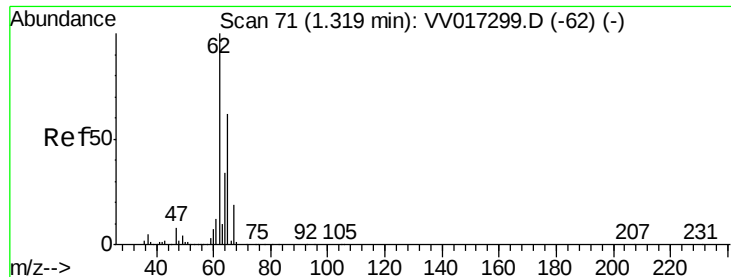
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.383 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017311.D

Acq: 02 Jul 2020 15:18

Instrument :

MSVOA_V

ClientSampleId :

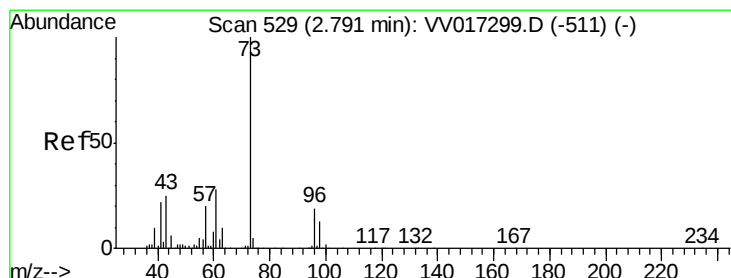
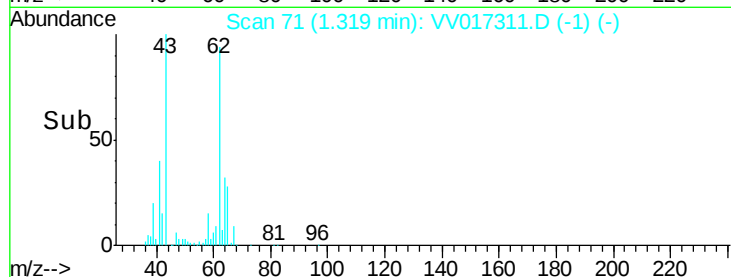
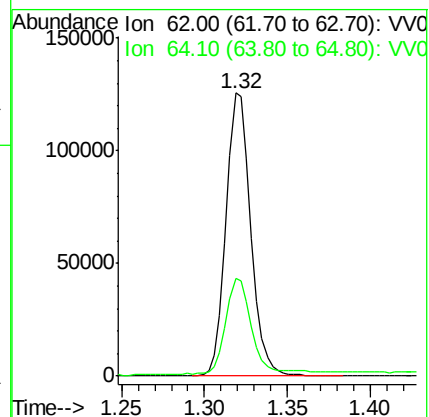
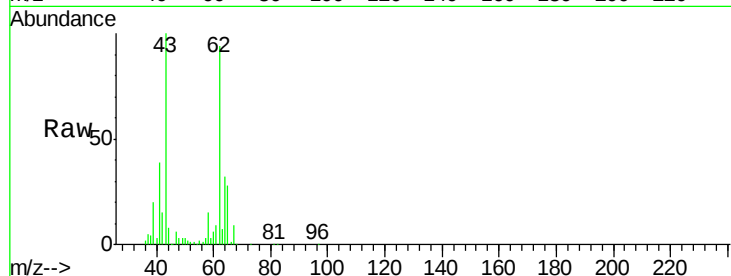
H4295

Tot Ion: 62 Resp: 130186

Ion Ratio Lower Upper

62 100

64 34.4 22.5 41.7



#17

Methyl tert-butyl Ether

Concen: 56.077 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV017311.D

Acq: 02 Jul 2020 15:18

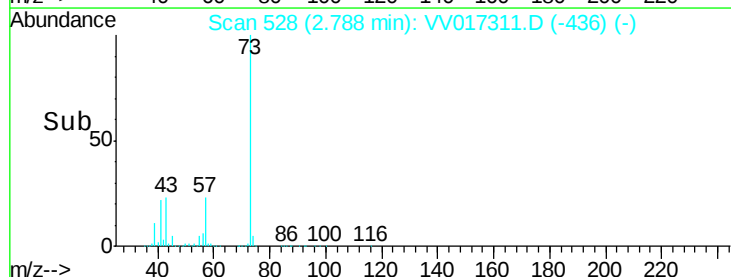
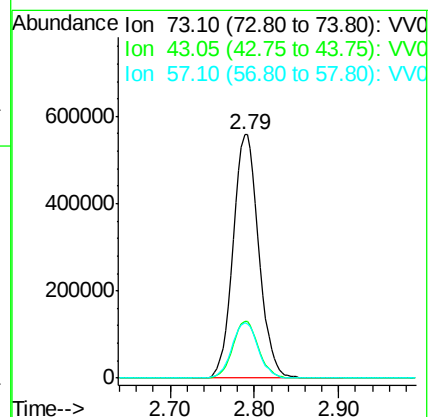
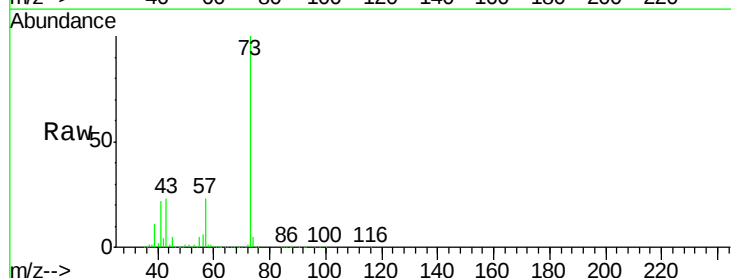
Tgt Ion: 73 Resp: 1177831

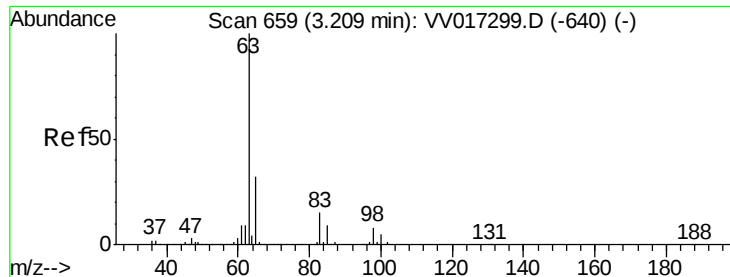
Ion Ratio Lower Upper

73 100

43 23.2 18.6 28.0

57 23.3 16.4 24.6

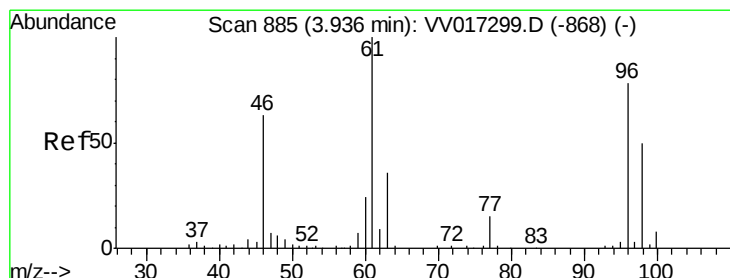
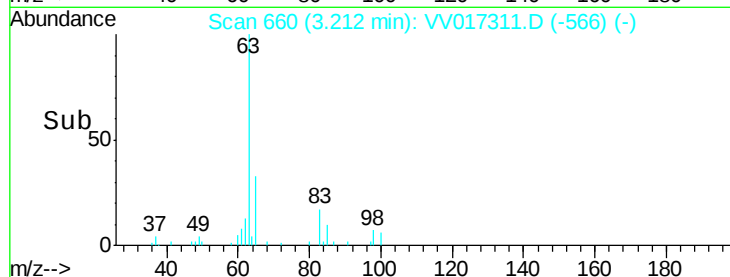
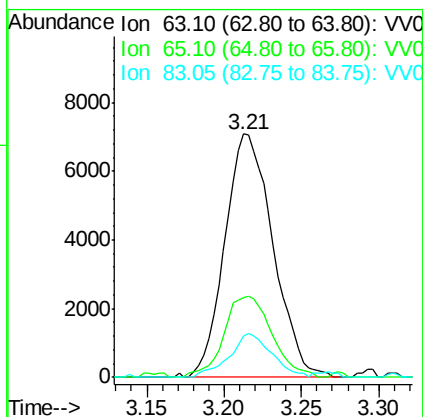
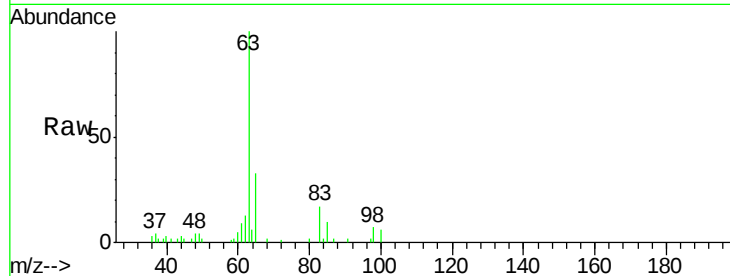




#19
 1,1-Dichloroethane
 Concen: 0.768 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017311.D
 Acq: 02 Jul 2020 15:18

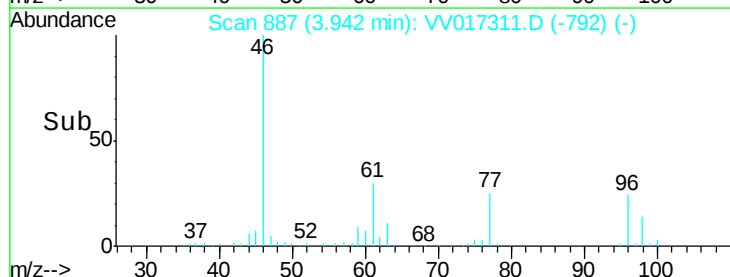
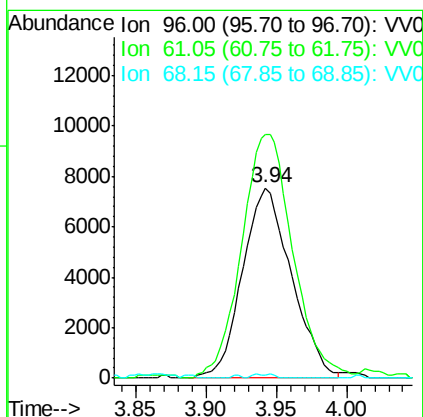
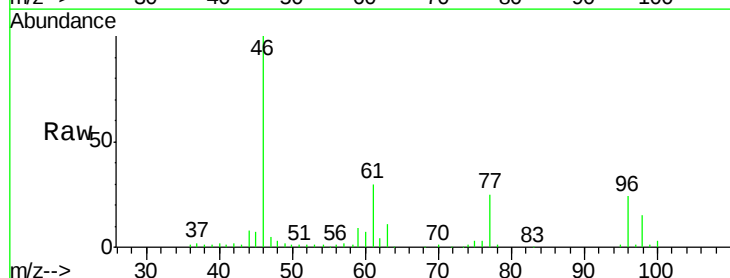
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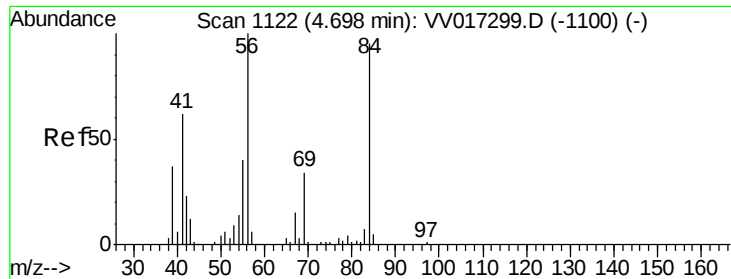
Tot Ion: 63 Resp: 15301
 Ion Ratio Lower Upper
 63 100
 65 32.9 21.8 40.4
 83 16.9 9.7 17.9



#22
 cis-1,2-Dichloroethene
 Concen: 1.509 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017311.D
 Acq: 02 Jul 2020 15:18

Tgt Ion: 96 Resp: 18296
 Ion Ratio Lower Upper
 96 100
 61 128.1 91.0 169.0
 68 1.7 0.0 0.0#

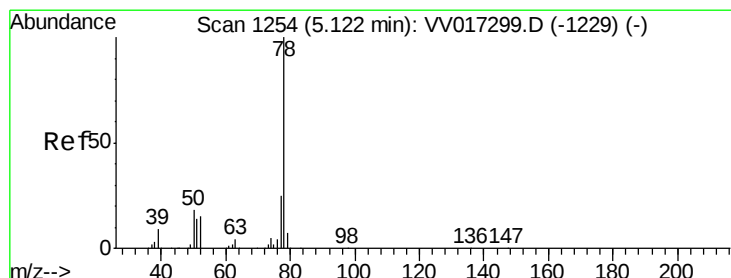
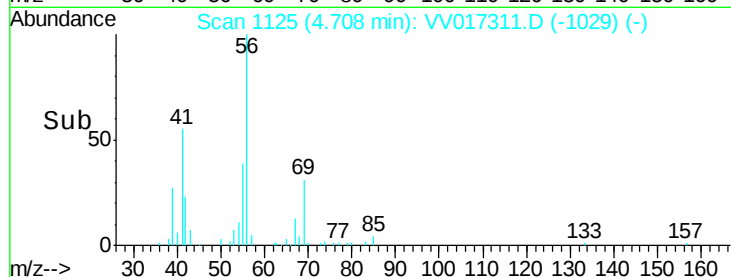
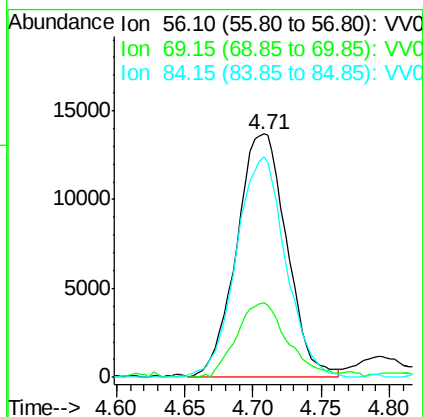
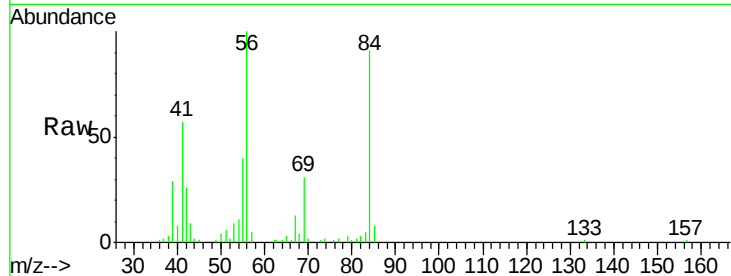




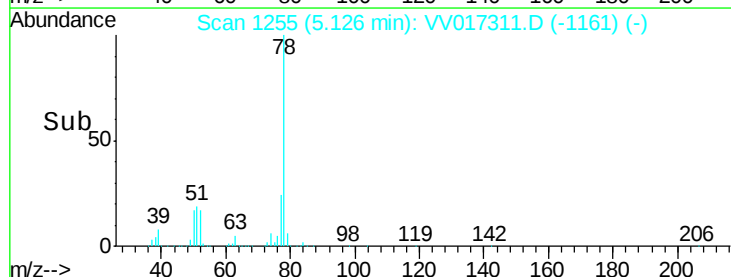
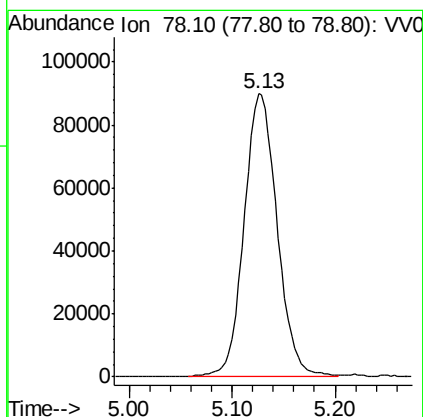
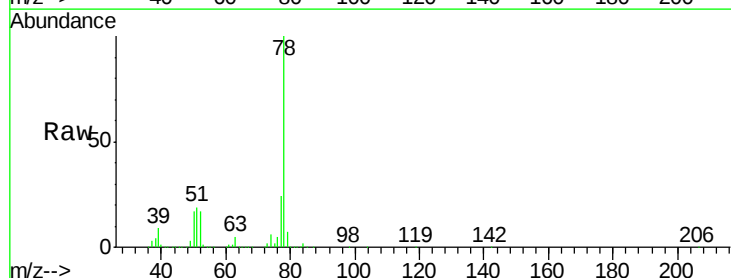
#30
Cyclohexane
Concen: 1.829 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV017311.D
Acq: 02 Jul 2020 15:18

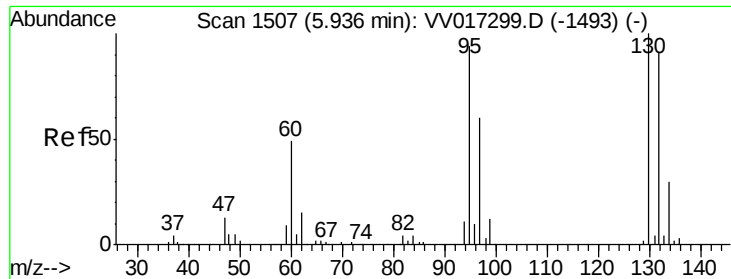
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Tot Ion: 56 Resp: 35016
Ion Ratio Lower Upper
56 100
69 31.0 24.4 36.6
84 89.3 69.9 104.9



#33
Benzene
Concen: 4.564 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017311.D
Acq: 02 Jul 2020 15:18
Tgt Ion: 78 Resp: 200760

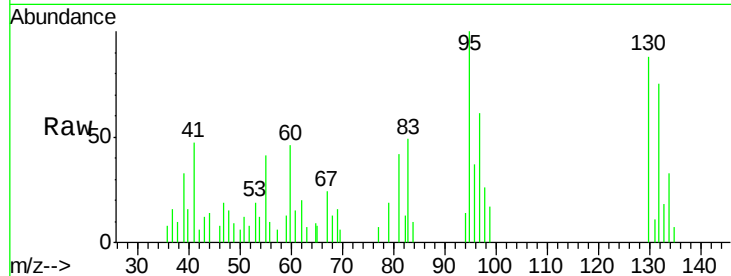




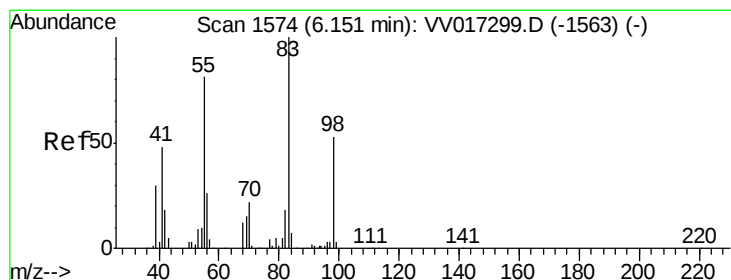
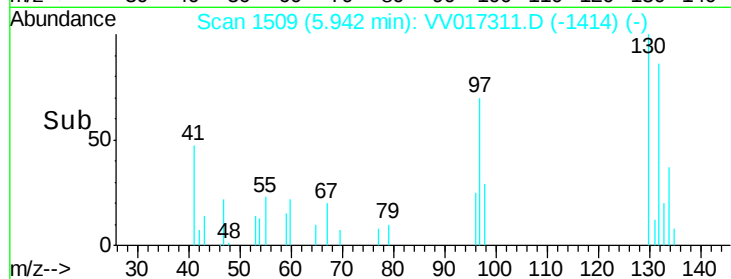
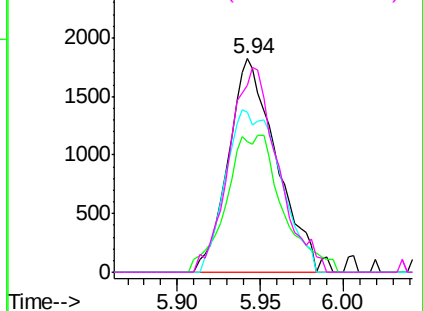
#34
 Trichloroethene
 Concen: 0.288 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017311.D
 Acq: 02 Jul 2020 15:18

Instrument :
 MSVOA_V
 ClientSampled :
 H4295

Tot Ion: 95 Resp: 3705
 Ion Ratio Lower Upper
 95 100
 97 61.4 45.3 84.1
 132 75.0 68.8 127.8
 130 87.8 70.2 130.4

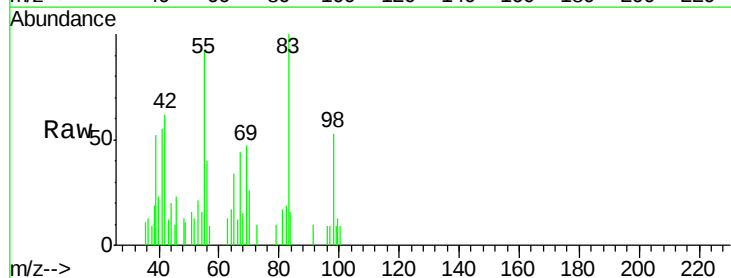


Abundance Ion 95.00 (94.70 to 95.70): VV017311.D (-1493) (-)
 Ion 96.95 (96.65 to 97.65): VV017311.D (-1493) (-)
 Ion 131.95 (131.65 to 132.65): VV017311.D (-1493) (-)
 Ion 129.95 (129.65 to 130.65): VV017311.D (-1493) (-)

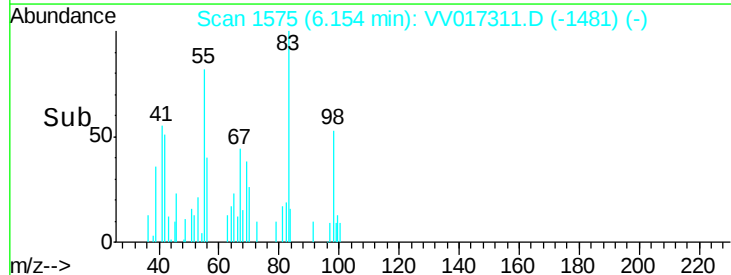
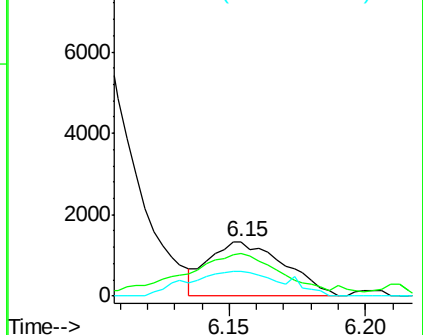


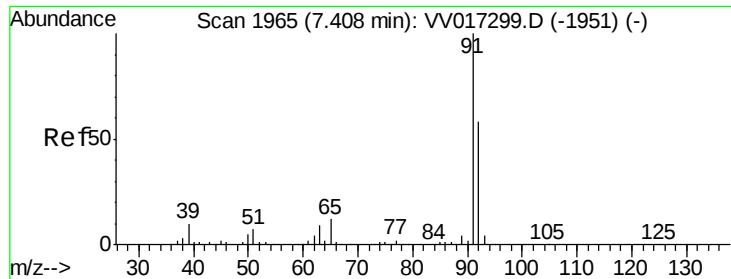
#35
 Methylcyclohexane
 Concen: 0.129 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV017311.D
 Acq: 02 Jul 2020 15:18

Tgt Ion: 83 Resp: 2588
 Ion Ratio Lower Upper
 83 100
 55 92.8 63.6 95.4
 98 57.0 38.8 58.2



Abundance Ion 83.15 (82.85 to 83.85): VV017311.D (-1481) (-)
 Ion 55.10 (54.80 to 55.80): VV017311.D (-1481) (-)
 Ion 98.15 (97.85 to 98.85): VV017311.D (-1481) (-)





#42

Toluene

Concen: 0.215 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017311.D

Acq: 02 Jul 2020 15:18

Instrument :

MSVOA_V

ClientSampleId :

H4295

Tot Ion: 91 Resp: 10983

Ion Ratio Lower Upper

91 100

92 60.3 39.9 74.1

