

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017733.D
 Acq On : 29 Jul 2020 16:16
 Operator : SY/MD
 Sample : L3470-08DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:31:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 30 04:28:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146465	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146868	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33327	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	29740	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.12	63	54995	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.92	46	72500	43.33	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.66%
24) Chloroform-d	4.38	84	80621	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	45177	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.07	84	138524	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.09	67	37218	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.34	98	126384	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
45) trans-1,3-Dichloropropene-	7.65	79	16495	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
48) 2-Hexanone-d5	8.11	63	48383	38.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25862	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	55095	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

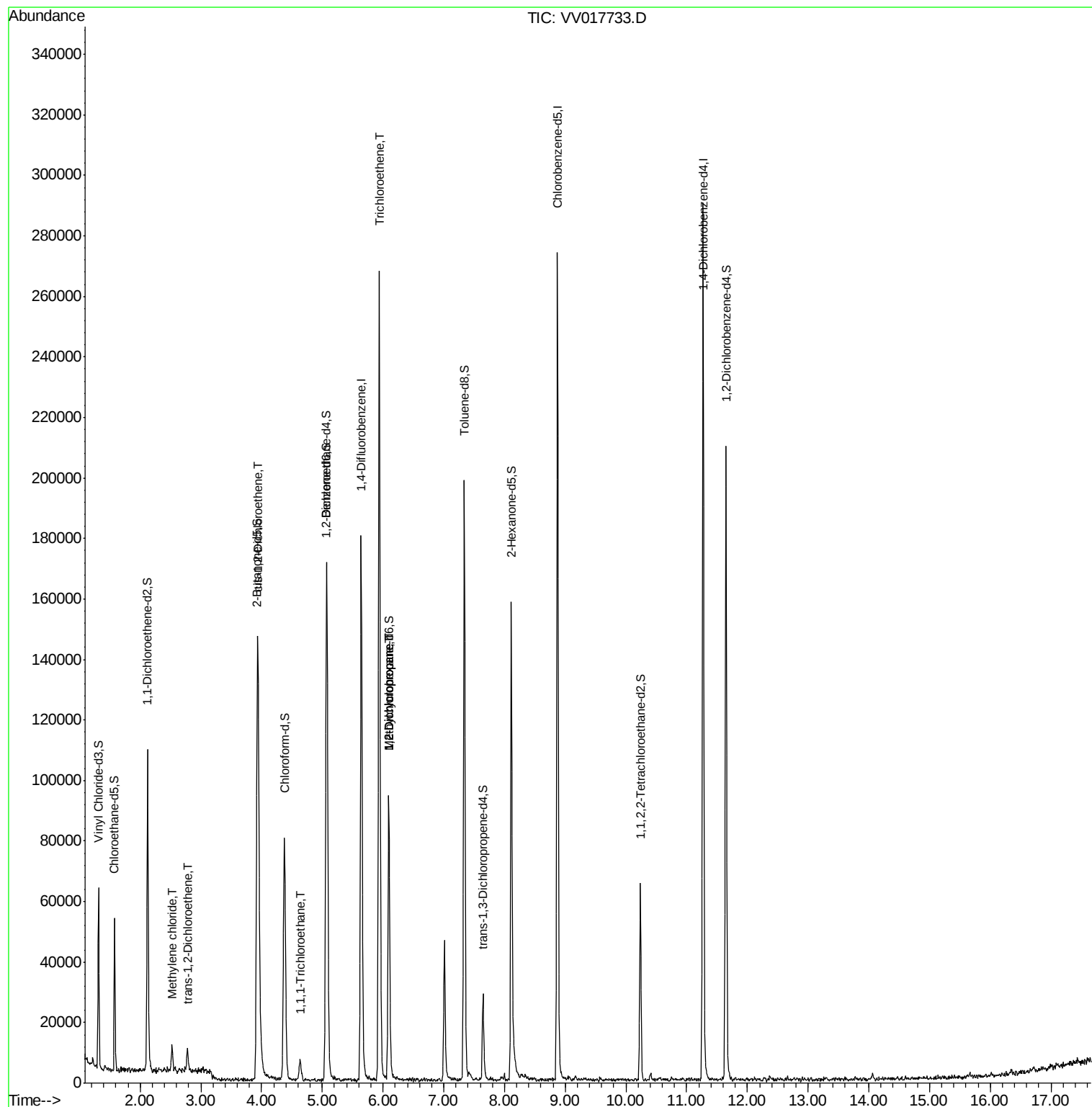
					Ovalue
16) Methylene chloride	2.52	84	3656	0.417 ug/L	87
18) trans-1,2-Dichloroethene	2.78	96	2594	0.302 ug/L	83
22) cis-1,2-Dichloroethene	3.94	96	60561	5.596 ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	5195	0.253 ug/L	99
34) Trichloroethene	5.94	95	88351	7.608 ug/L	99
35) Methylcyclohexane	6.09	83	11819	0.673 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	5697	0.583 ug/L #	83

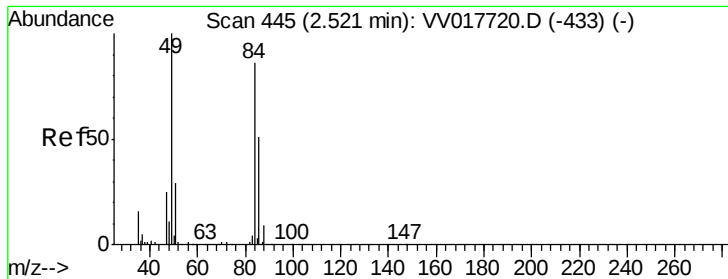
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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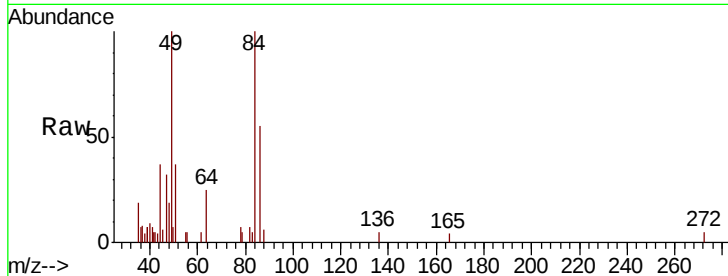




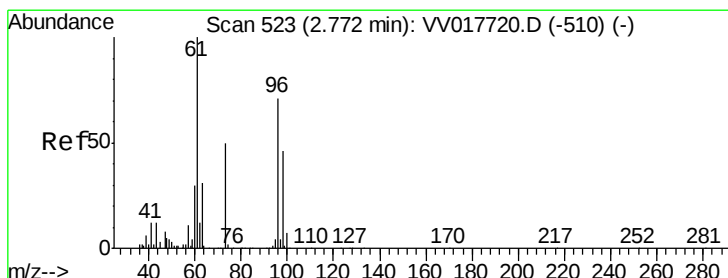
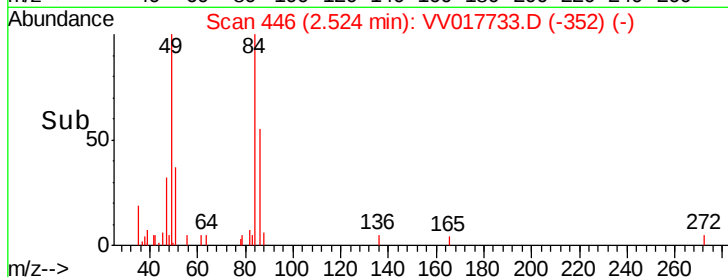
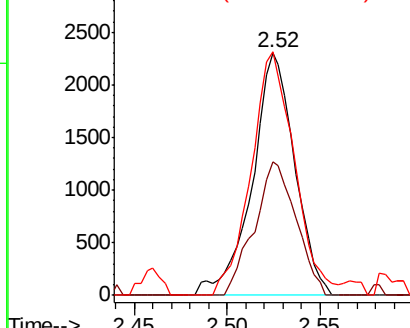
#16
Methylene chloride
Concen: 0.417 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017733.D
Acq: 29 Jul 2020 16:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 3656
Ion Ratio Lower Upper
84 100
86 55.2 46.5 86.3
49 100.4 79.2 147.2

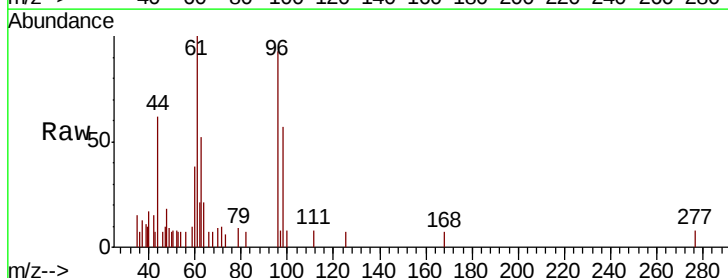


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

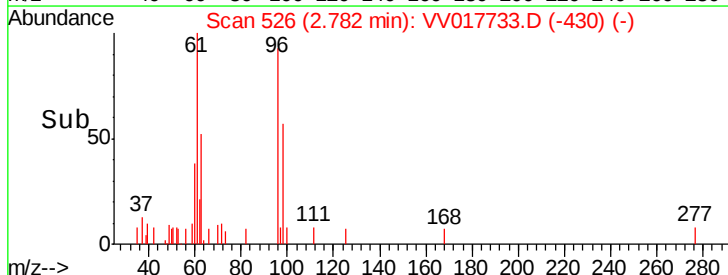
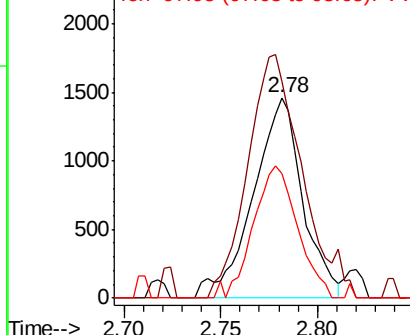


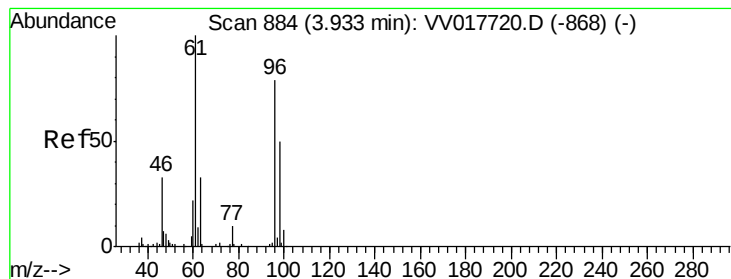
#18
trans-1,2-Dichloroethene
Concen: 0.302 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017733.D
Acq: 29 Jul 2020 16:16

Tgt Ion: 96 Resp: 2594
Ion Ratio Lower Upper
96 100
61 107.8 96.0 178.4
98 61.8 43.5 80.9



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



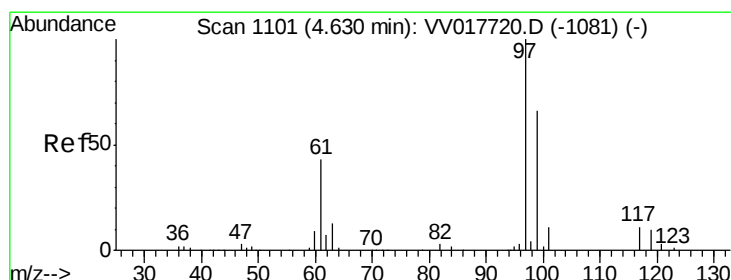
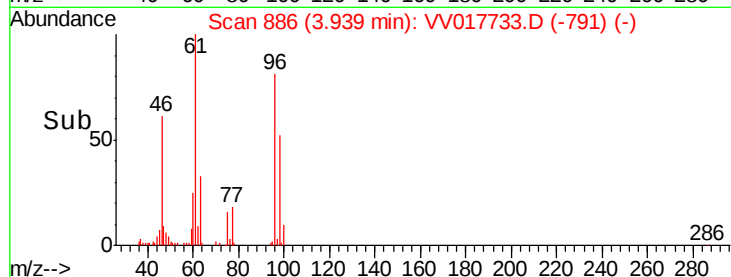
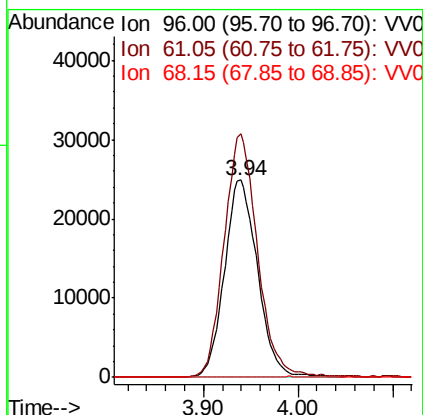
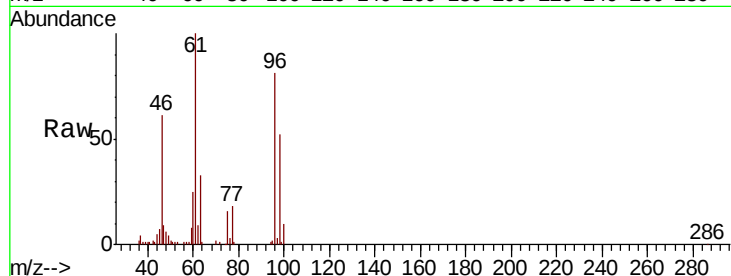


#22

cis-1,2-Dichloroethene
Concen: 5.596 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV017733.D
Acq: 29 Jul 2020 16:16

Instrument :
MSVOA_V
ClientSampleId :

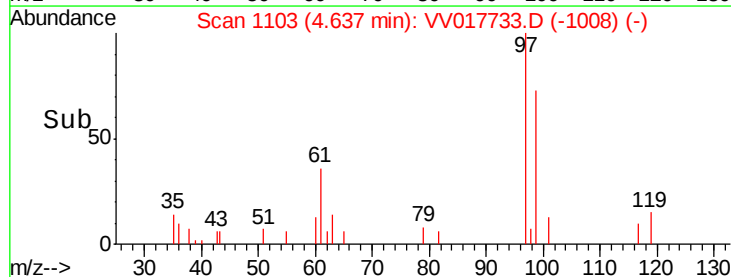
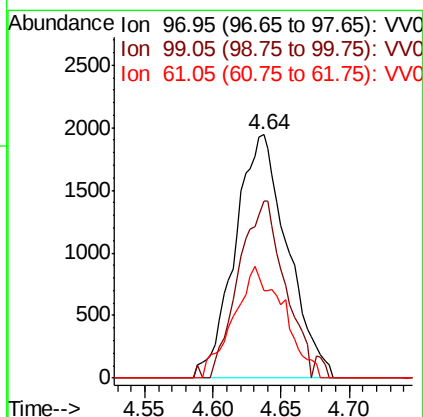
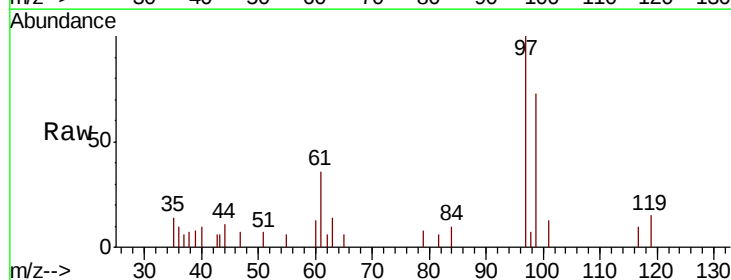
Tot Ion: 96 Resp: 60561
Ion Ratio Lower Upper
96 100
61 123.6 89.6 166.4
68 0.0 0.0 0.0

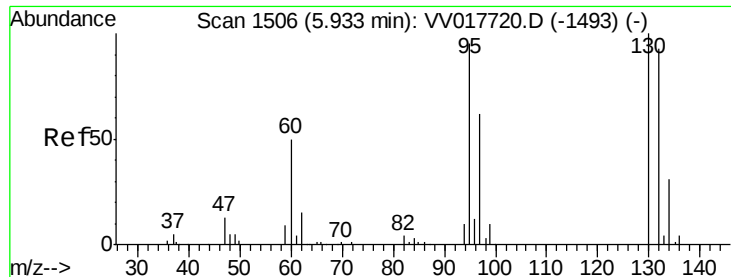


#29

1,1,1-Trichloroethane
Concen: 0.253 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV017733.D
Acq: 29 Jul 2020 16:16

Tgt Ion: 97 Resp: 5195
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 43.6 35.7 53.5





#34

Trichloroethene

Concen: 7.608 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV017733.D

Acq: 29 Jul 2020 16:16

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 88351

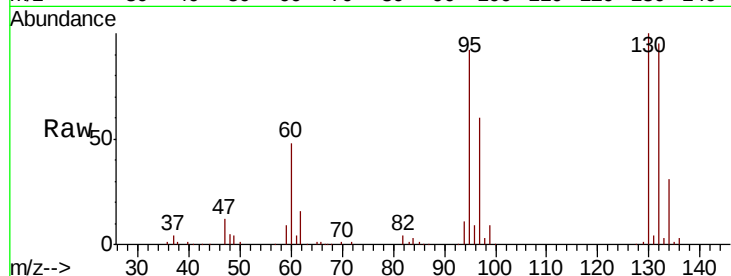
Ion Ratio Lower Upper

95 100

97 64.9 46.1 85.5

132 103.2 71.7 133.1

130 108.3 74.3 137.9

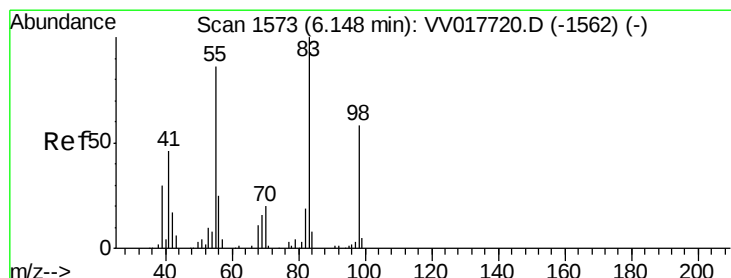
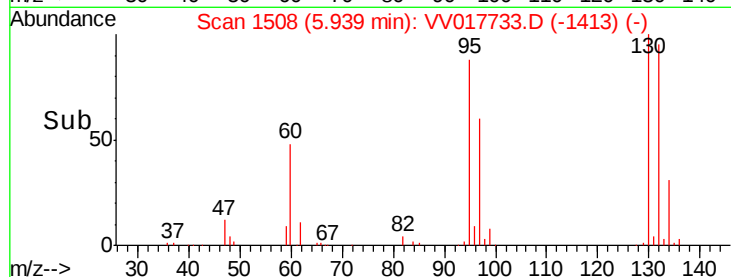
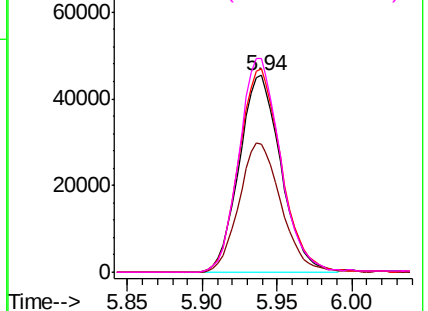


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.673 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.05 min

Lab File: VV017733.D

Acq: 29 Jul 2020 16:16

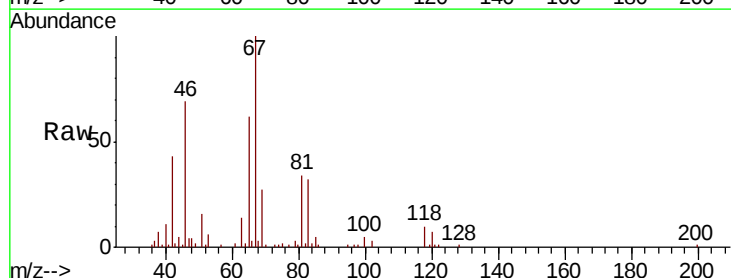
Tgt Ion: 83 Resp: 11819

Ion Ratio Lower Upper

83 100

55 0.2 61.8 92.8#

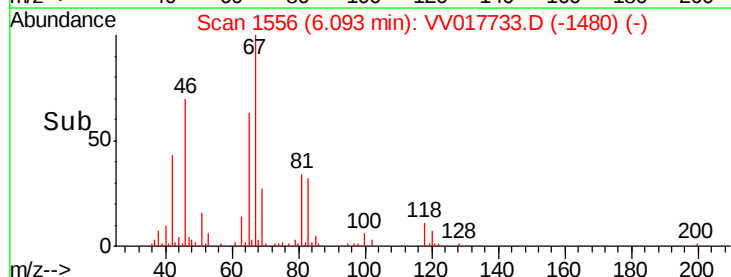
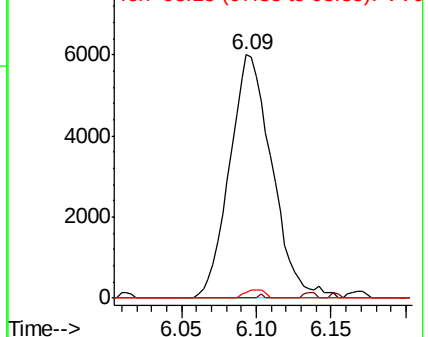
98 1.6 39.0 58.6#

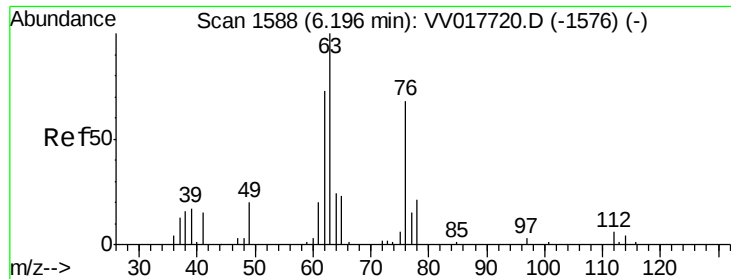


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017733.D
 Acq: 29 Jul 2020 16:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 5697
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.5 6.7#

