

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017374.D
 Acq On : 07 Jul 2020 13:26
 Operator : SY/MD
 Sample : L3154-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4273

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:31:50 PM

Quant Time: Jul 08 02:53:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162477	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160267	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40954	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	34806	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	64756	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.93	46	103642	41.70	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.40%
24) Chloroform-d	4.38	84	93911	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.06	65	54732	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.08	84	169671	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.10	67	49757	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.34	98	157297	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
45) trans-1,3-Dichloropropene-	7.65	79	20948	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
48) 2-Hexanone-d5	8.11	63	73846	37.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36007	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	67020	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	226688	21.262	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	15144	1.833	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	54027	4.781	ug/L 99
30) Cyclohexane	4.70	56	1880	0.103	ug/L # 24
34) Trichloroethene	5.94	95	1965	0.160	ug/L # 92
35) Methylcyclohexane	6.14	83	1959m	0.103	ug/L

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

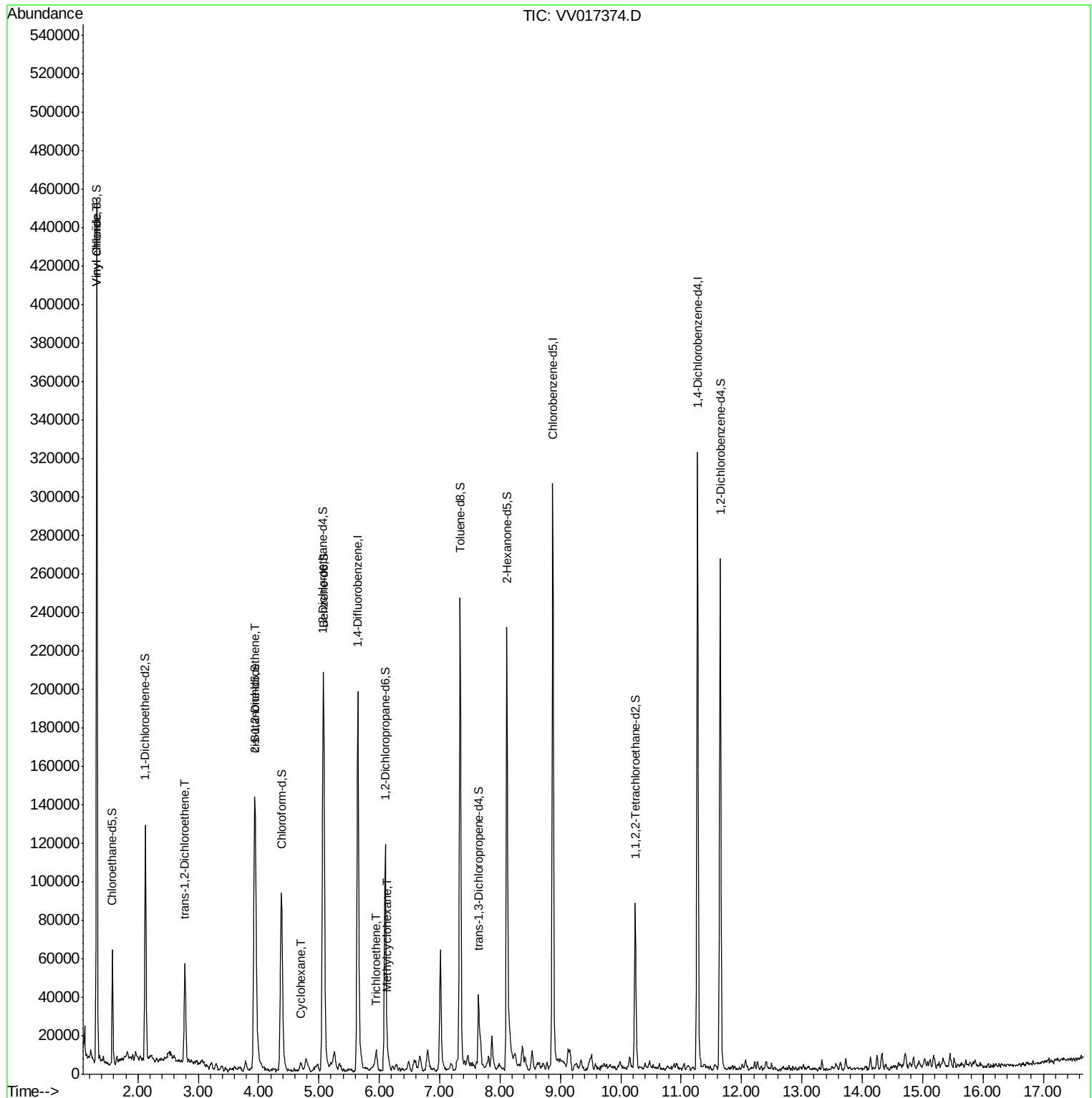
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
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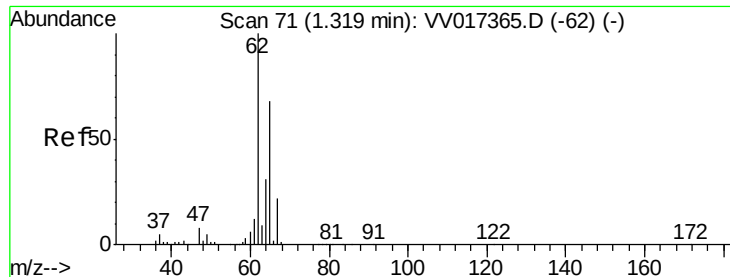
Instrument :
MSVOA_V
ClientSampleId :
H4273

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 21.262 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017374.D

Acq: 07 Jul 2020 13:26

Instrument :

MSVOA_V

ClientSampled :

H4273

Tot Ion: 62 Resp: 226688

Ion Ratio Lower Upper

62 100

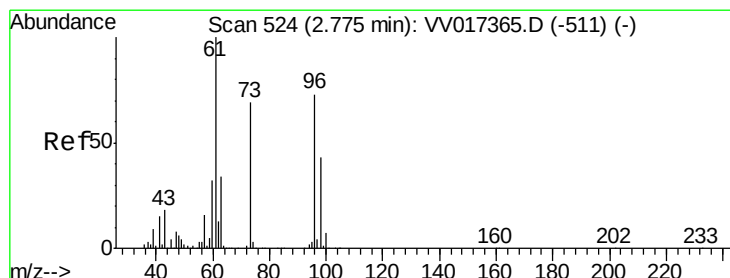
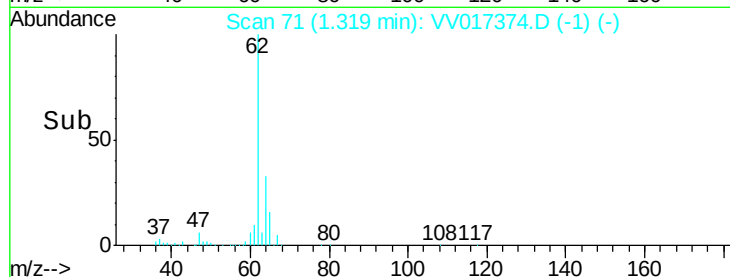
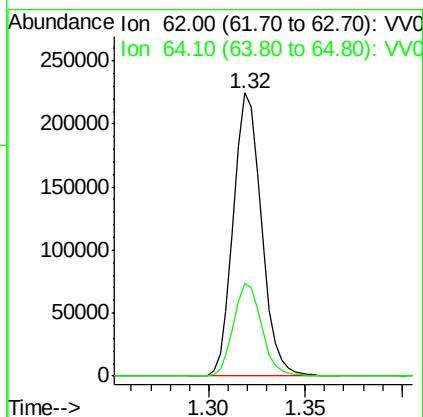
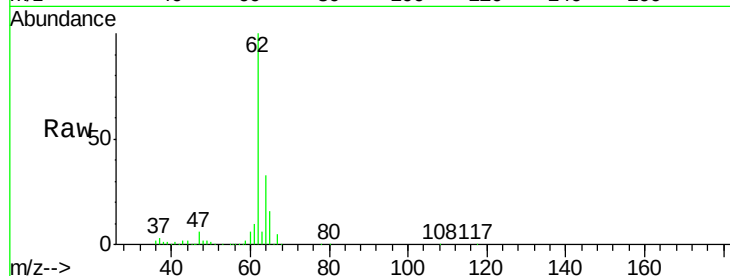
64 32.7 22.5 41.7

Manual Integrations

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7/8/2020 12:31:50 PM



#18

trans-1,2-Dichloroethene

Concen: 1.833 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017374.D

Acq: 07 Jul 2020 13:26

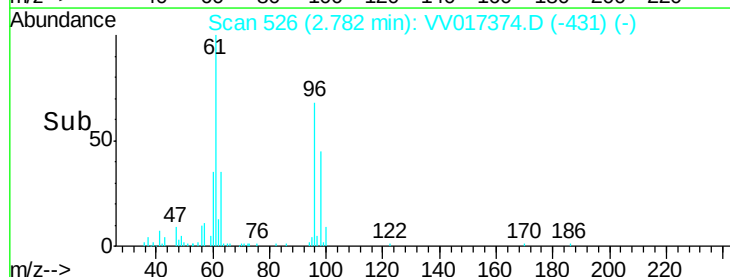
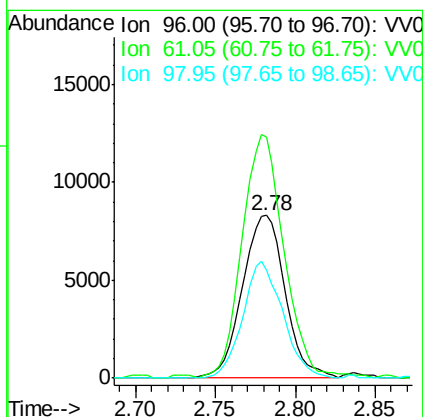
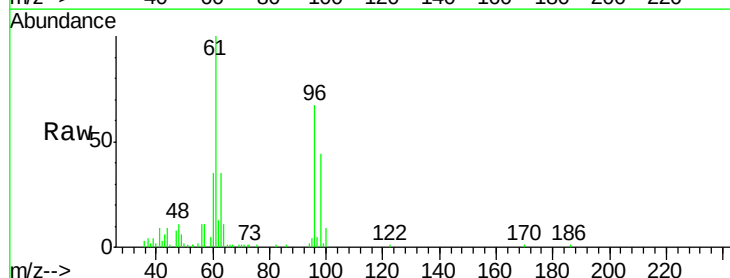
Tgt Ion: 96 Resp: 15144

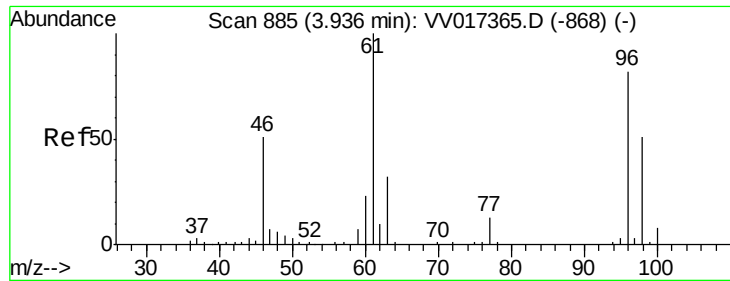
Ion Ratio Lower Upper

96 100

61 148.6 102.3 189.9

98 66.1 44.7 82.9





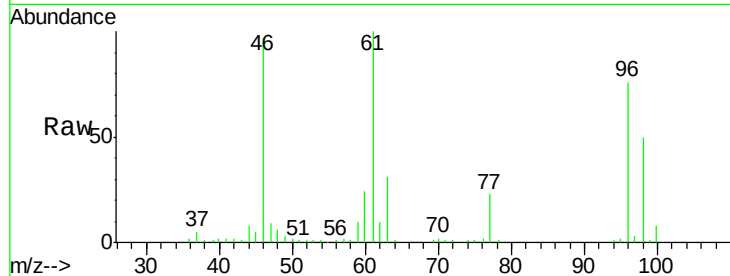
#22
 cis-1,2-Dichloroethene
 Concen: 4.781 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017374.D
 Acq: 07 Jul 2020 13:26

Instrument :
 MSVOA_V
 ClientSampleId :
 H4273

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		54027		
61	130.9	91.0	169.0		
68	0.0	0.0	0.0		

Manual Integrations
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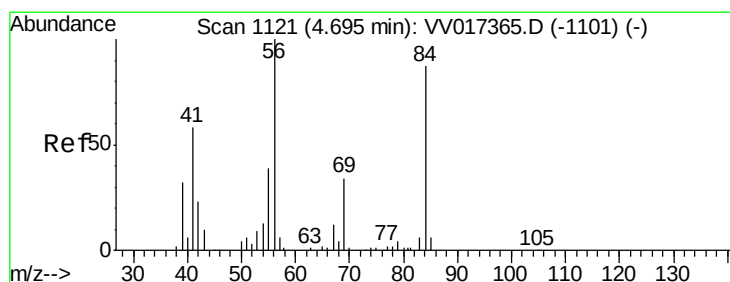
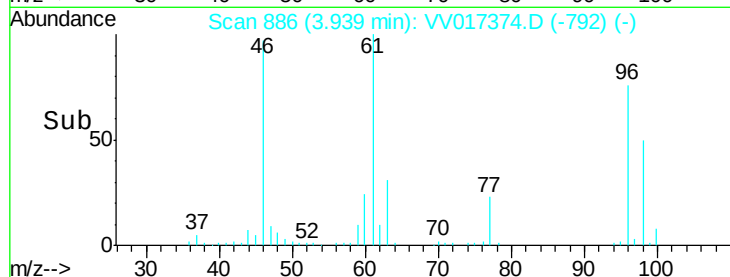
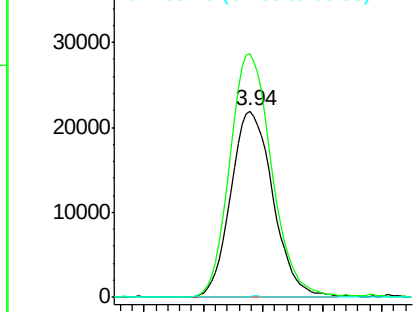


Abundance

Ion 96.00 (95.70 to 96.70): VV0

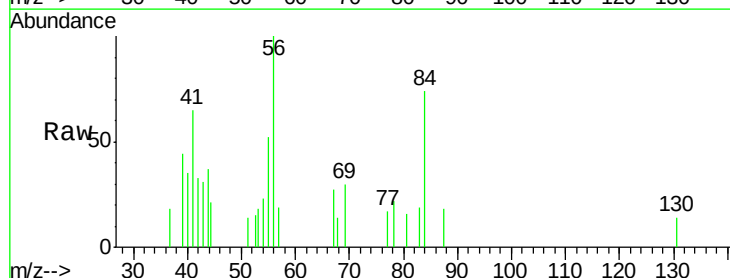
Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#30
 Cyclohexane
 Concen: 0.103 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VV017374.D
 Acq: 07 Jul 2020 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
56	100		1880		
69	17.7	24.4	36.6#		
84	0.0	69.9	104.9#		

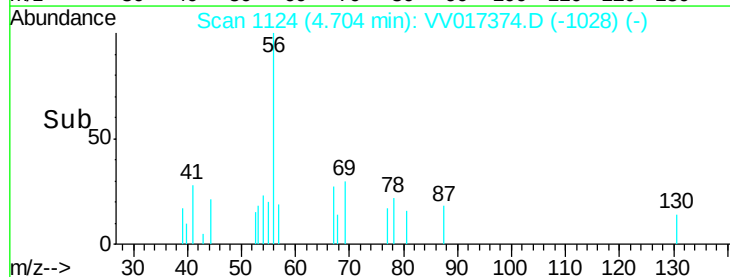
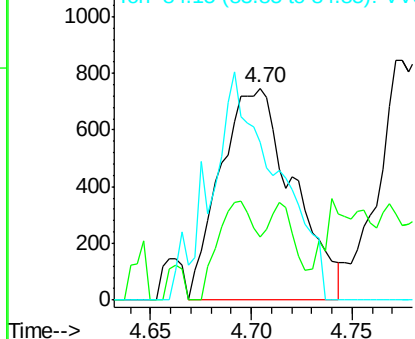


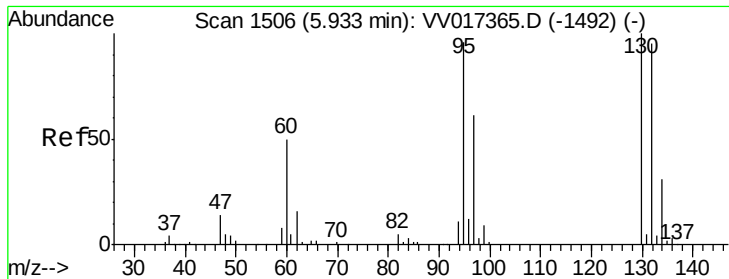
Abundance

Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#34

Trichloroethene

Concen: 0.160 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017374.D

Acq: 07 Jul 2020 13:26

Instrument :

MSVOA_V

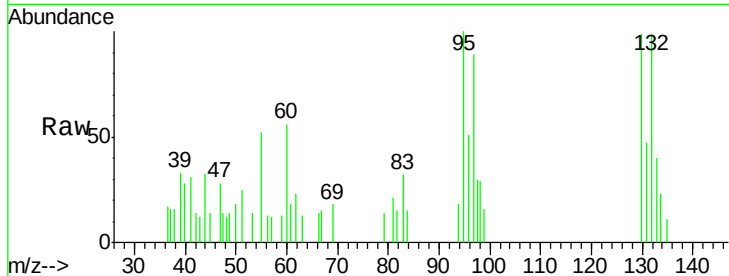
ClientSampled :

H4273

Tot Ion	95	Resp:	1965
Ion	Ratio	Lower	Upper
95	100		
97	88.8	45.3	84.1#
132	99.0	68.8	127.8
130	98.7	70.2	130.4

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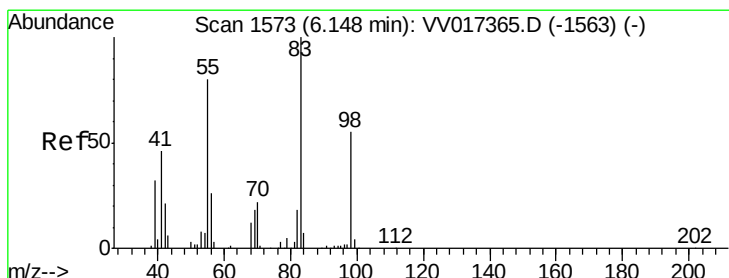
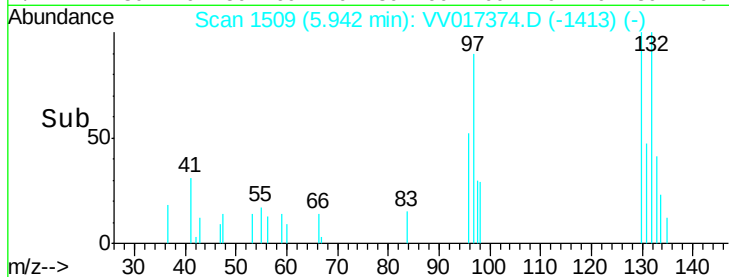
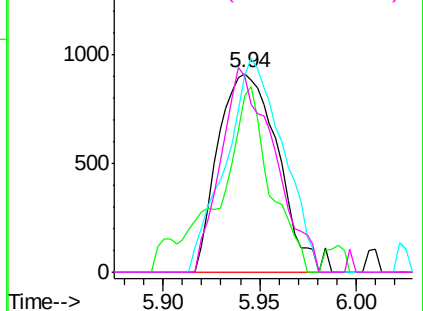


Abundance Ion 95.00 (94.70 to 95.70): VV017374.D (-1492) (-)

Ion 96.95 (96.65 to 97.65): VV017374.D (-1492) (-)

Ion 131.95 (131.65 to 132.65): VV017374.D (-1492) (-)

Ion 129.95 (129.65 to 130.65): VV017374.D (-1492) (-)



#35

Methylcyclohexane

Concen: 0.103 ug/L m

RT: 6.14 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VV017374.D

Acq: 07 Jul 2020 13:26

Tgt Ion	83	Resp:	1959
Ion	Ratio	Lower	Upper
83	100		
55	10.2	63.6	95.4#
98	1.5	38.8	58.2#

Abundance Ion 83.15 (82.85 to 83.85): VV017374.D (-1480) (-)

Ion 55.10 (54.80 to 55.80): VV017374.D (-1480) (-)

Ion 98.15 (97.85 to 98.85): VV017374.D (-1480) (-)

