

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017730.D
 Acq On : 29 Jul 2020 15:04
 Operator : SY/MD
 Sample : L3470-03DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:31:17 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	149451	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149171	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34161	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	30348	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.12	63	59766	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.93	46	75215	44.06	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.12%
24) Chloroform-d	4.38	84	81707	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	46007	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.07	84	146139	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.09	67	37870	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.34	98	133648	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
45) trans-1,3-Dichloropropene-	7.65	79	16855	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.12	63	51381	40.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26841	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	57152	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

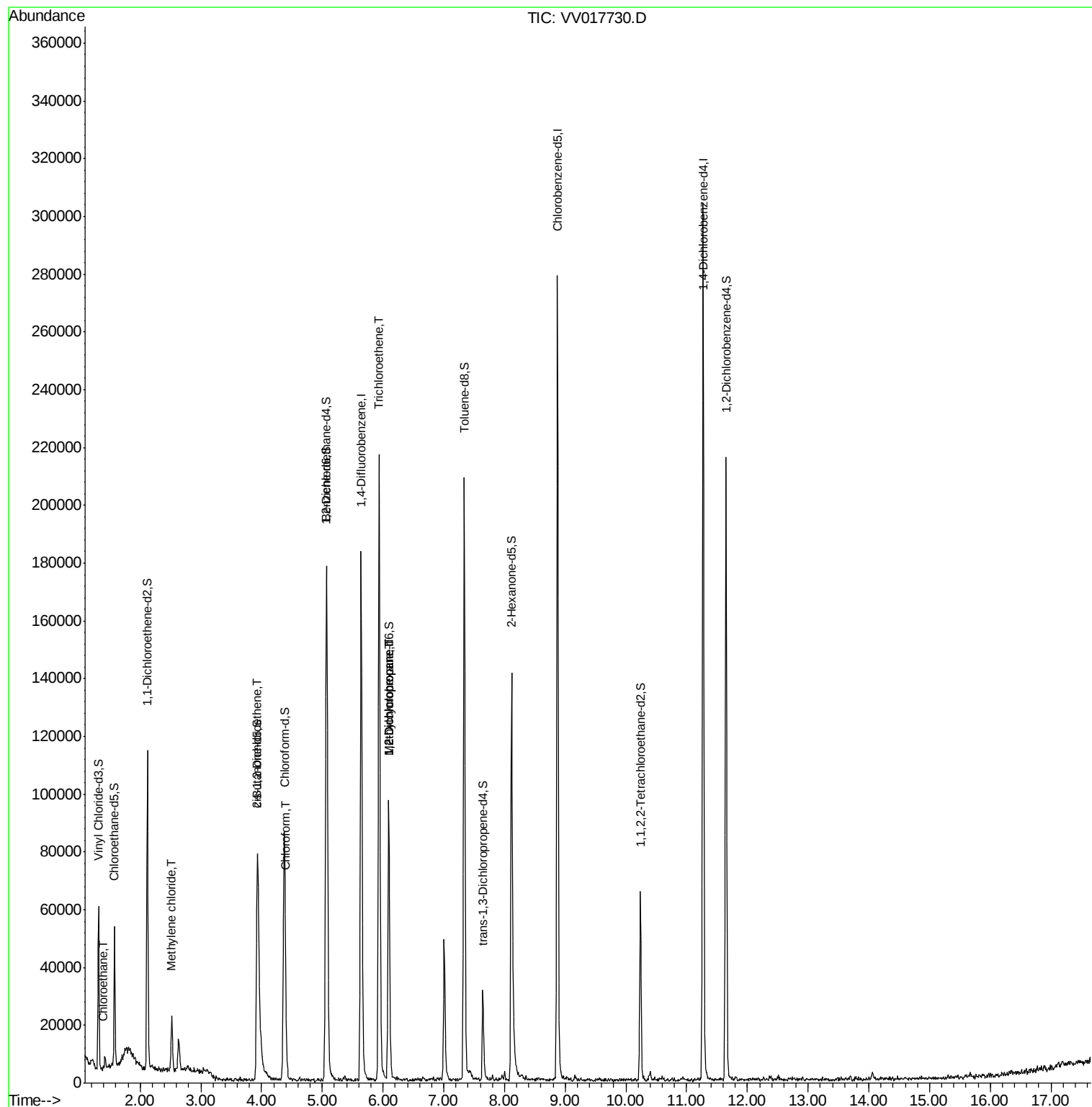
					Ovalue
8) Chloroethane	1.39	64	380	0.062	ug/L 88
16) Methylene chloride	2.52	84	7653	0.855	ug/L 96
22) cis-1,2-Dichloroethene	3.94	96	22335	2.023	ug/L 99
25) Chloroform	4.40	83	5422	0.262	ug/L 100
34) Trichloroethene	5.94	95	72447	6.143	ug/L 99
35) Methylcyclohexane	6.09	83	12056	0.676	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	5739	0.578	ug/L # 86

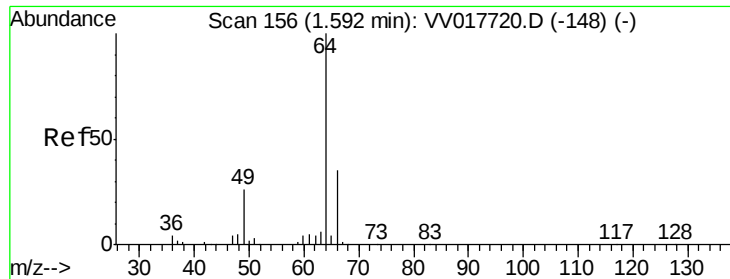
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 30 04:28:04 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.062 ug/L

RT: 1.39 min Scan# 93

Delta R.T. -0.20 min

Lab File: VV017730.D

Acq: 29 Jul 2020 15:04

Instrument :

MSVOA_V

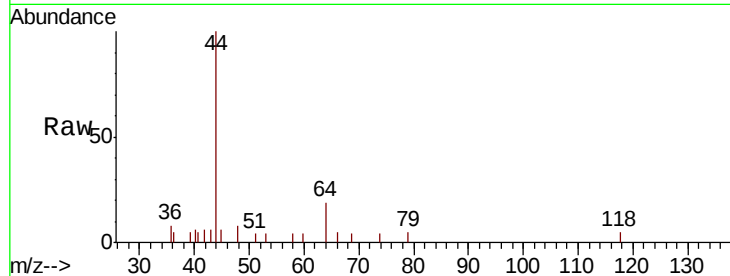
ClientSampleId :

Tot Ion: 64 Resp: 380

Ion Ratio Lower Upper

64 100

66 27.5 24.0 44.6



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

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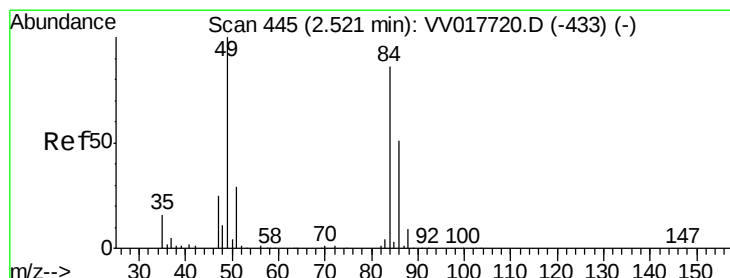
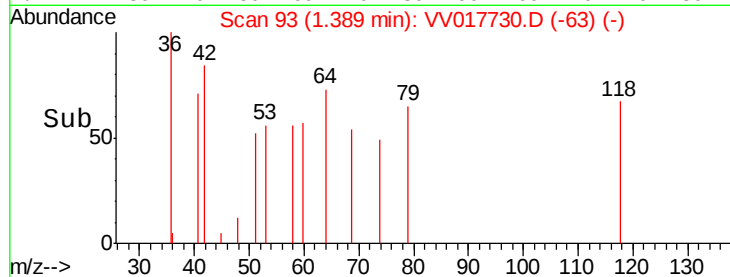
1.40

1.40

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#16

Methylene chloride

Concen: 0.855 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017730.D

Acq: 29 Jul 2020 15:04

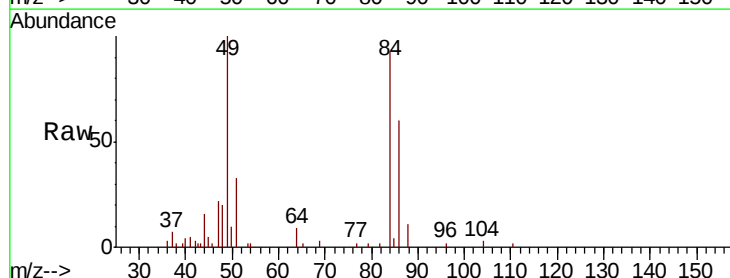
Tgt Ion: 84 Resp: 7653

Ion Ratio Lower Upper

84 100

86 64.8 46.5 86.3

49 107.1 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

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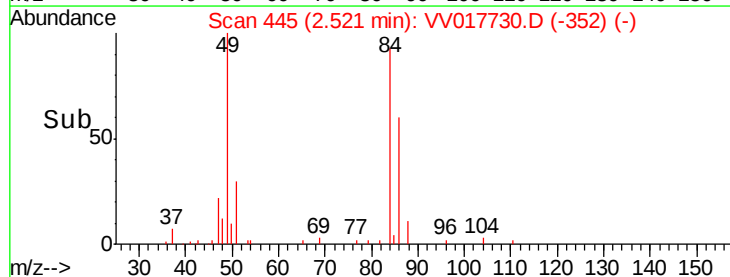
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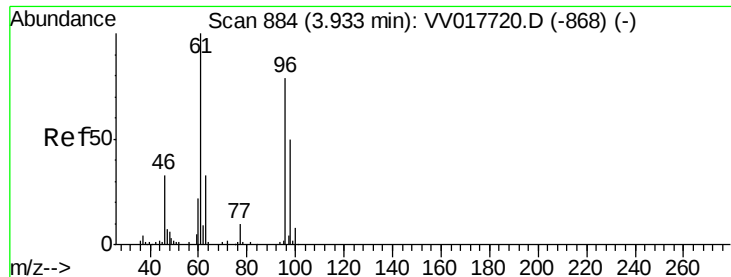
2.52

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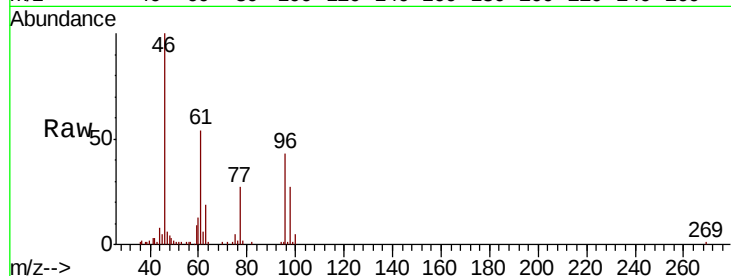


#22

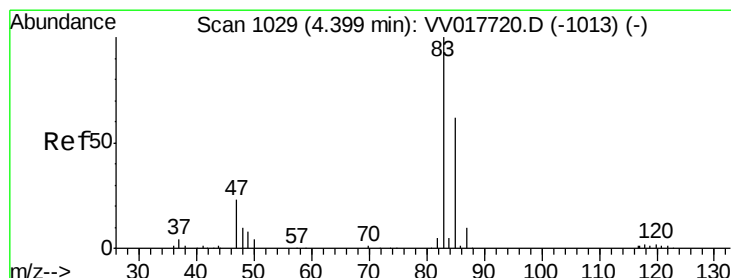
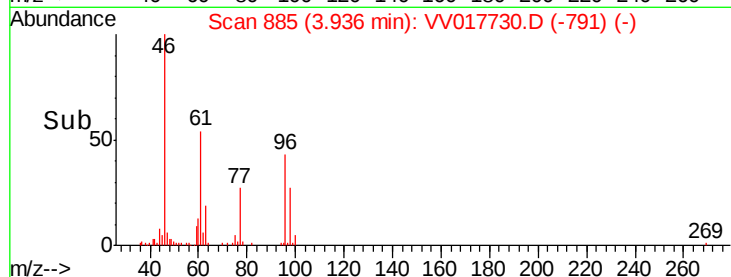
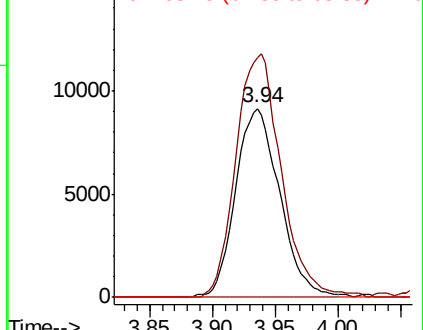
cis-1,2-Dichloroethene
 Concen: 2.023 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017730.D
 Acq: 29 Jul 2020 15:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 22335
 Ion Ratio Lower Upper
 96 100
 61 127.1 89.6 166.4
 68 0.0 0.0 0.0



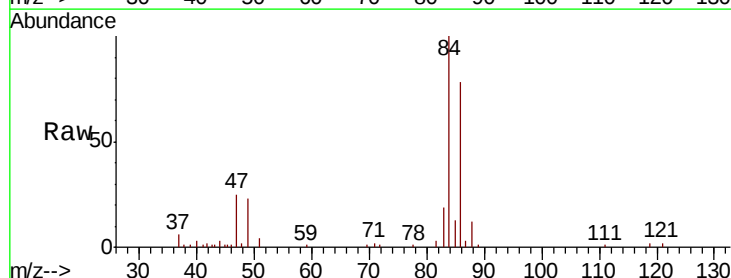
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



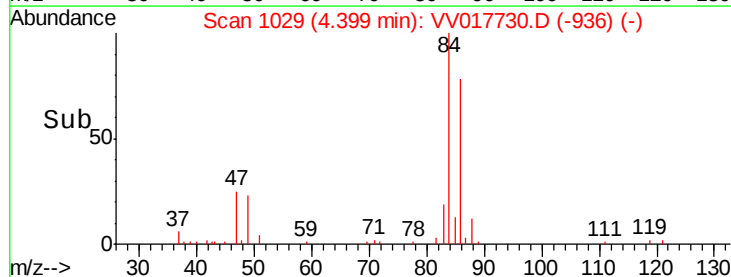
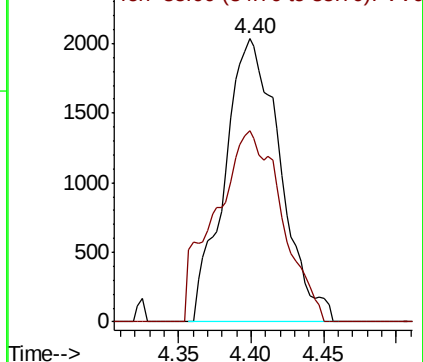
#25

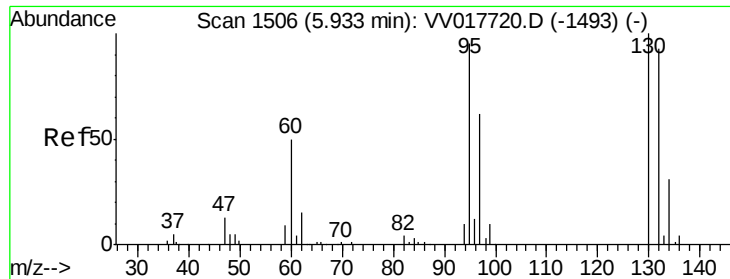
Chloroform
 Concen: 0.262 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV017730.D
 Acq: 29 Jul 2020 15:04

Tgt Ion: 83 Resp: 5422
 Ion Ratio Lower Upper
 83 100
 85 67.6 47.3 87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

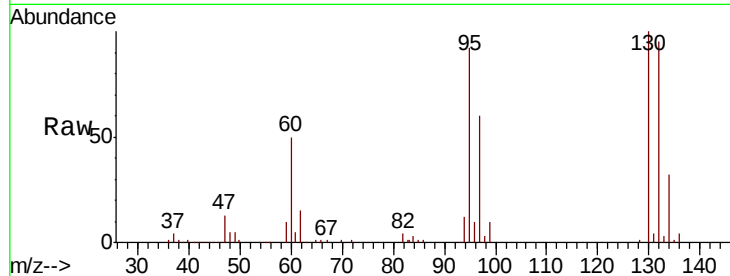




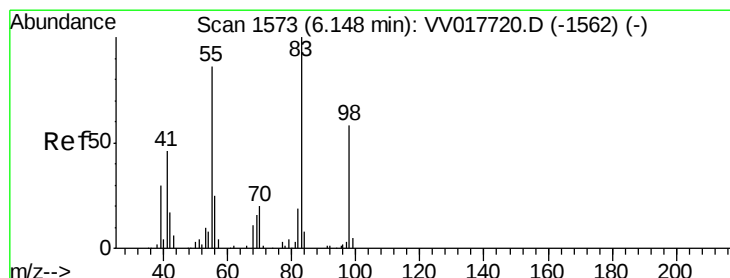
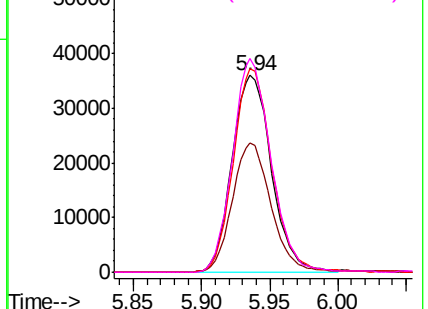
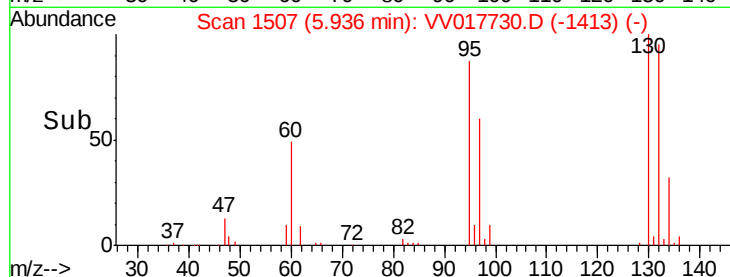
#34
 Trichloroethene
 Concen: 6.143 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV017730.D
 Acq: 29 Jul 2020 15:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 72447
 Ion Ratio Lower Upper
 95 100
 97 65.7 46.1 85.5
 132 103.3 71.7 133.1
 130 108.6 74.3 137.9

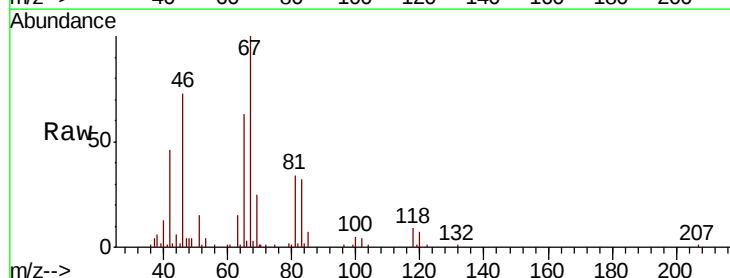


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

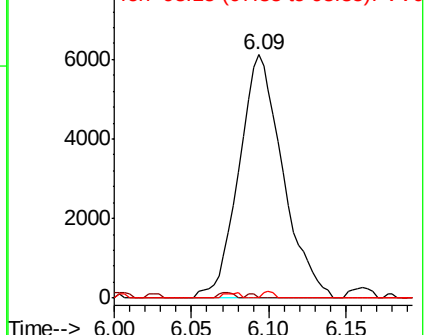
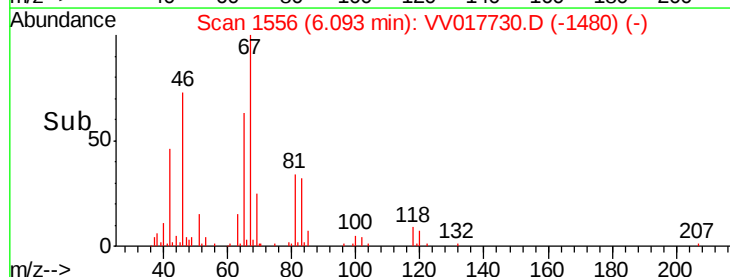


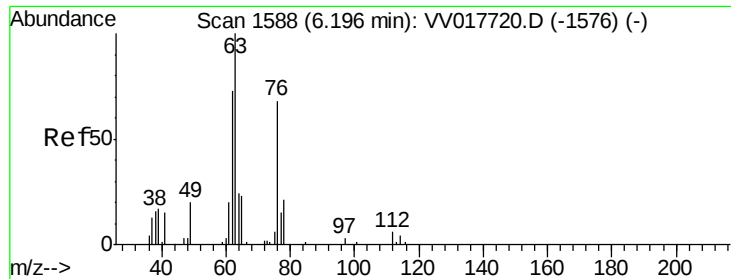
#35
 Methylcyclohexane
 Concen: 0.676 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: VV017730.D
 Acq: 29 Jul 2020 15:04

Tgt Ion: 83 Resp: 12056
 Ion Ratio Lower Upper
 83 100
 55 0.3 61.8 92.8#
 98 0.7 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: 0.578 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017730.D
 Acq: 29 Jul 2020 15:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 5739
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.5 6.7#

