

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017732.D
 Acq On : 29 Jul 2020 15:52
 Operator : SY/MD
 Sample : L3470-11DL 25X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:31:31 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	156479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151736	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31879	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	28087	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.12	63	53602	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.93	46	74619	41.75	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.50%
24) Chloroform-d	4.38	84	78779	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.06	65	43888	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.08	84	135772	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.10	67	35416	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.20%
41) Toluene-d8	7.34	98	121807	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
45) trans-1,3-Dichloropropene-	7.64	79	15358	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
48) 2-Hexanone-d5	8.11	63	48511	37.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25389	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	51377	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

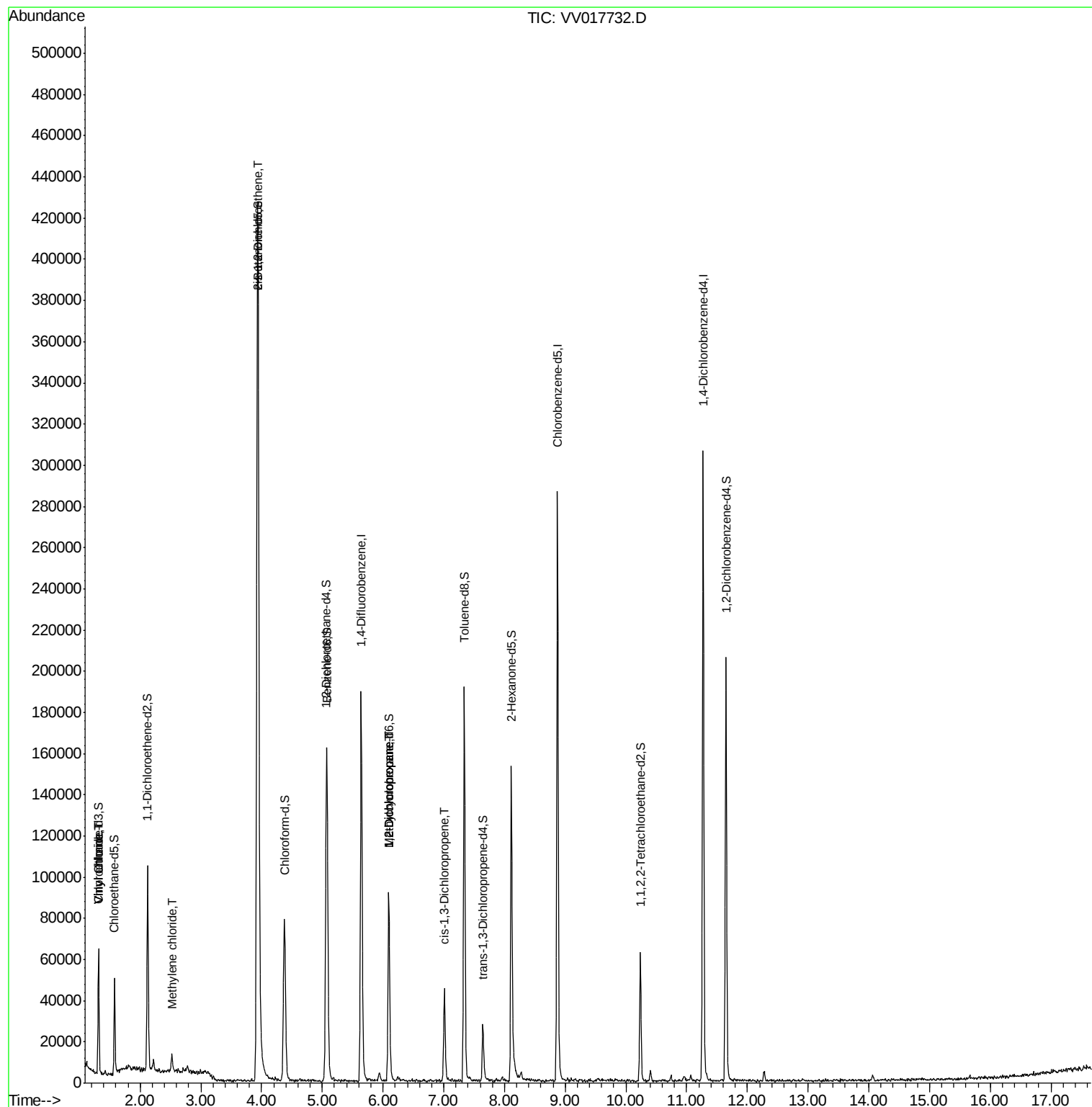
					Ovalue
5) Vinyl chloride	1.32	62	3908	0.350 ug/L #	80
8) Chloroethane	1.32	64	1986	0.308 ug/L	83
16) Methylene chloride	2.52	84	3305	0.352 ug/L	88
22) cis-1,2-Dichloroethene	3.94	96	217015	18.769 ug/L	100
35) Methylcyclohexane	6.10	83	10860	0.598 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5227	0.518 ug/L #	84
39) cis-1,3-Dichloropropene	7.02	75	1583	0.104 ug/L	96

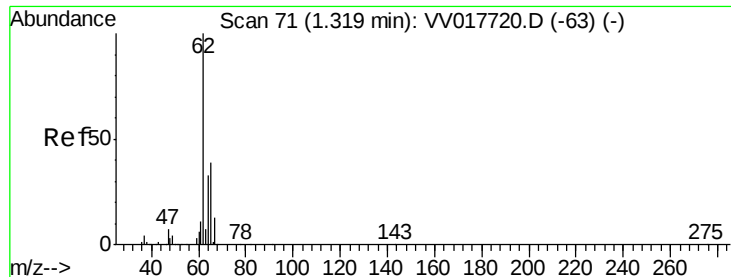
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.350 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017732.D

Acq: 29 Jul 2020 15:52

Instrument :

MSVOA_V

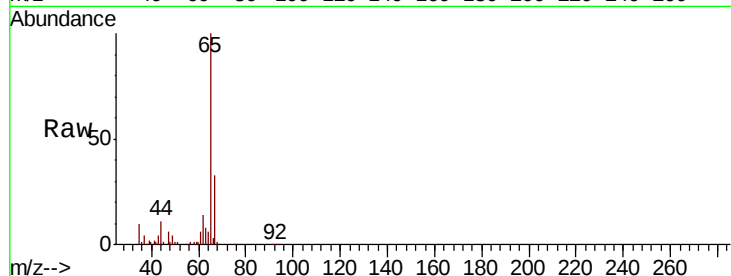
ClientSampleId :

Tot Ion: 62 Resp: 3908

Ion Ratio Lower Upper

62 100

64 44.4 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

4000

3000

2000

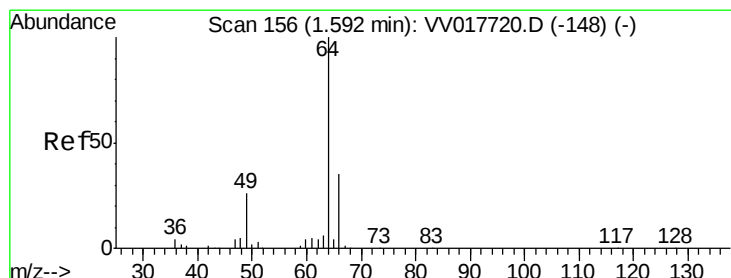
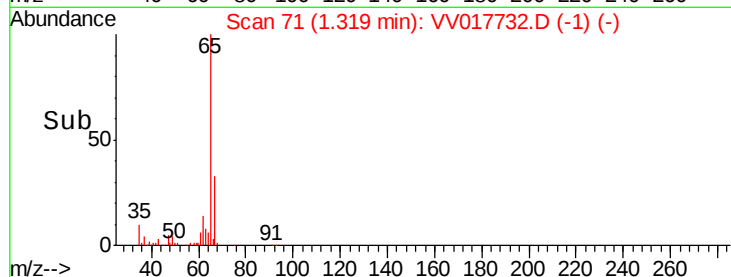
1000

0

1.30

1.35

Time-->



#8

Chloroethane

Concen: 0.308 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.27 min

Lab File: VV017732.D

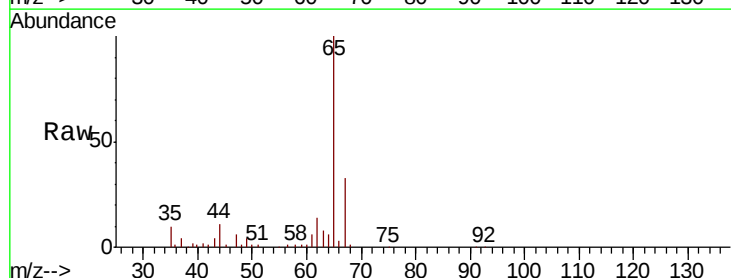
Acq: 29 Jul 2020 15:52

Tgt Ion: 64 Resp: 1986

Ion Ratio Lower Upper

64 100

66 43.9 24.0 44.6



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.32

1500

1000

500

0

1.28

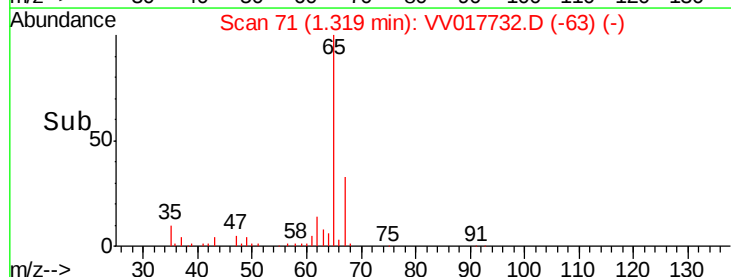
1.30

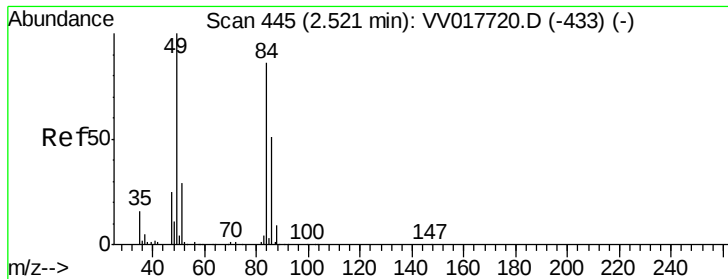
1.32

1.34

1.36

Time-->

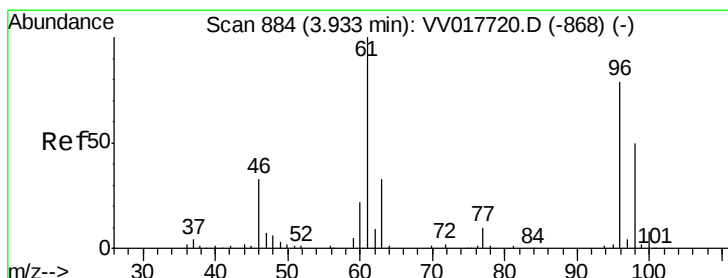
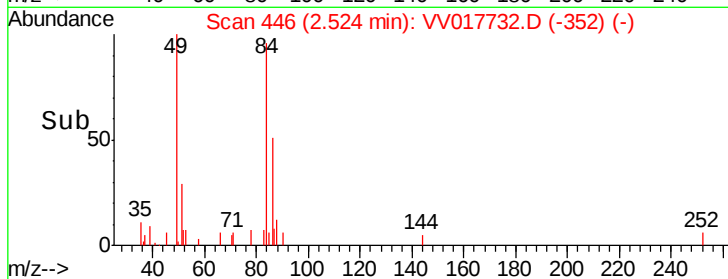
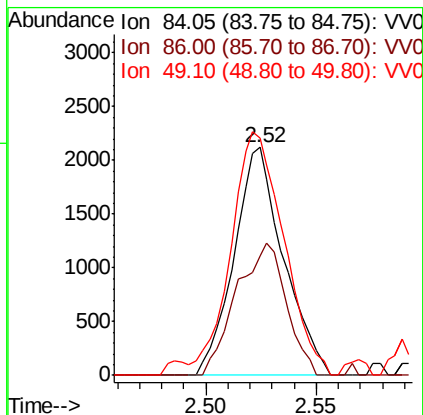
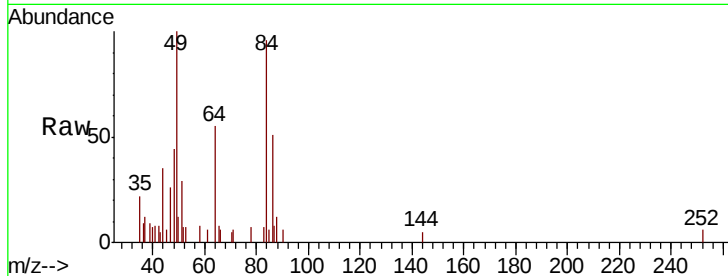




#16
Methylene chloride
Concen: 0.352 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017732.D
Acq: 29 Jul 2020 15:52

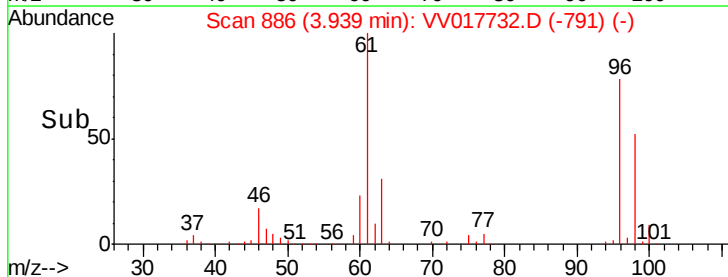
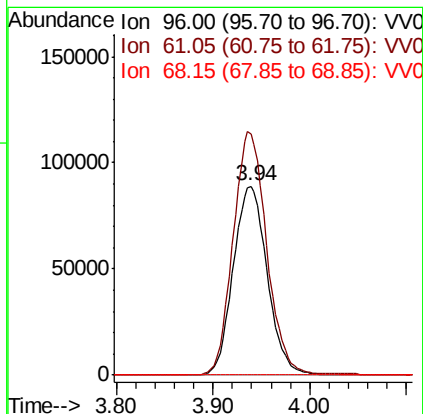
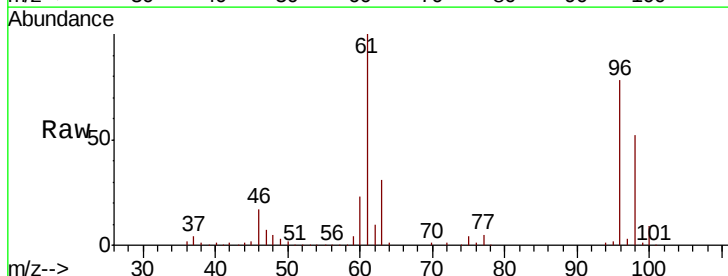
Instrument :
MSVOA_V
ClientSampleId :

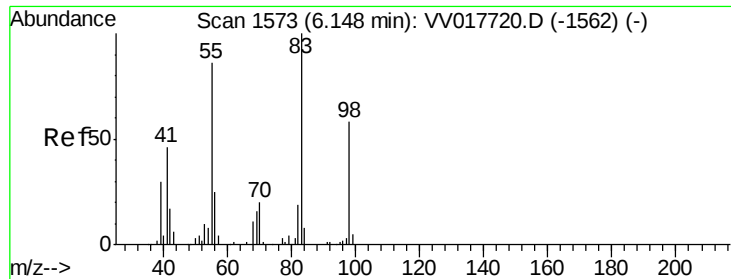
Tot Ion: 84 Resp: 3305
Ion Ratio Lower Upper
84 100
86 52.6 46.5 86.3
49 103.8 79.2 147.2



#22
cis-1,2-Dichloroethene
Concen: 18.769 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV017732.D
Acq: 29 Jul 2020 15:52

Tgt Ion: 96 Resp: 217015
Ion Ratio Lower Upper
96 100
61 127.9 89.6 166.4
68 0.0 0.0 0.0





#35

Methvlcvclohexane

Concen: 0.598 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017732.D

Acq: 29 Jul 2020 15:52

Instrument :

MSVOA_V

ClientSampleId :

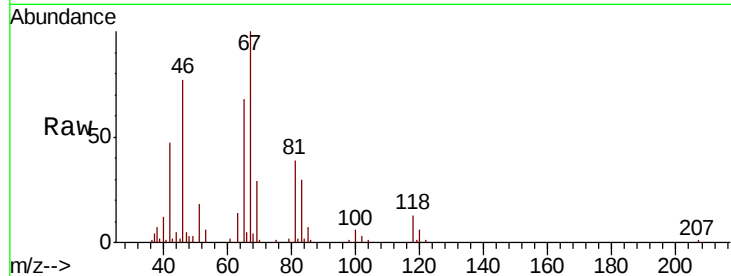
Tot Ion: 83 Resp: 10860

Ion Ratio Lower Upper

83 100

55 0.5 61.8 92.8#

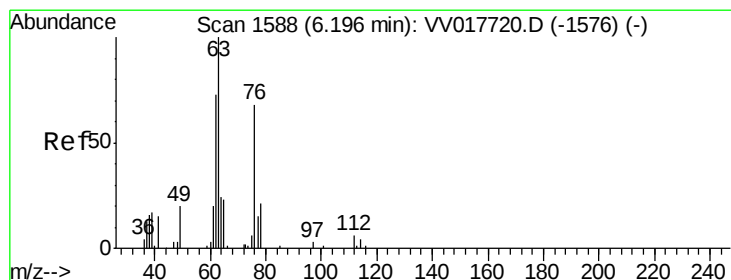
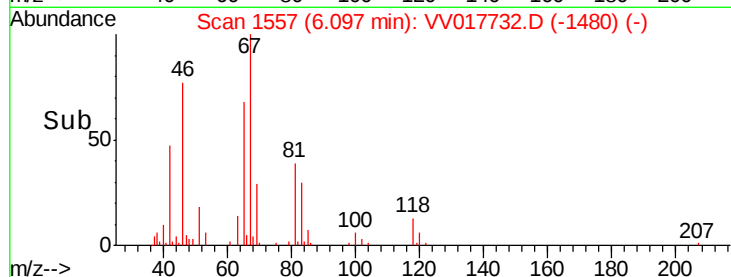
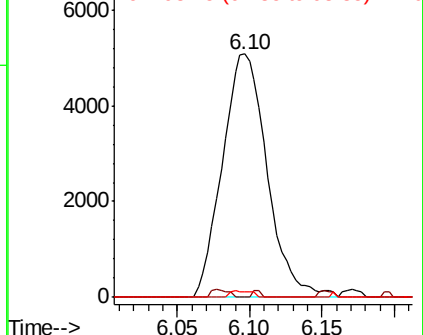
98 1.3 39.0 58.6#



Abundance Ion 83.15 (82.85 to 83.85): VV017732.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VV017732.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VV017732.D (-1562) (-)



#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.11 min

Lab File: VV017732.D

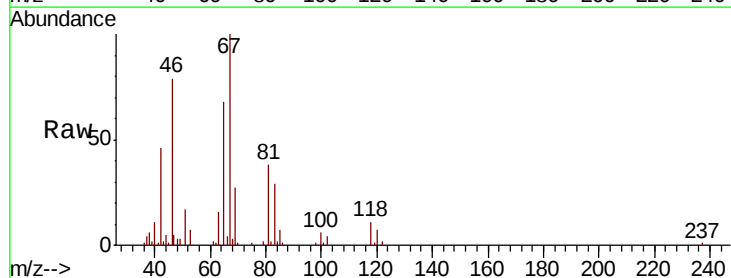
Acq: 29 Jul 2020 15:52

Tgt Ion: 63 Resp: 5227

Ion Ratio Lower Upper

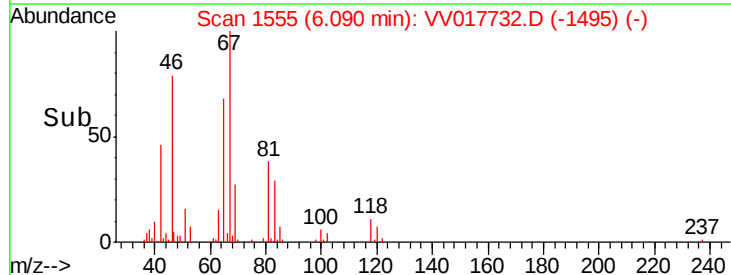
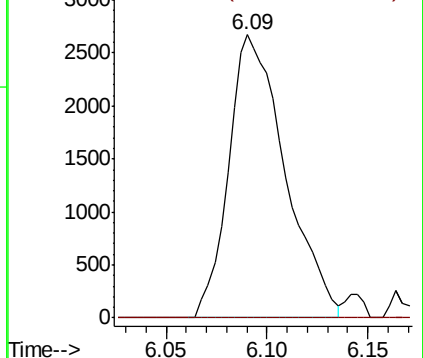
63 100

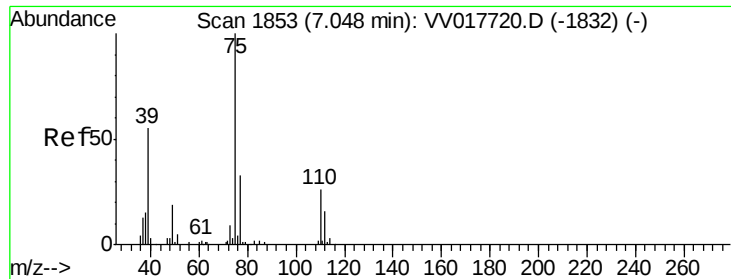
112 0.4 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV017732.D (-1495) (-)

Ion 112.10 (111.80 to 112.80): VV017732.D (-1495) (-)





#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.02 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: VV017732.D
 Acq: 29 Jul 2020 15:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1583
 Ion Ratio Lower Upper
 75 100
 77 30.7 23.2 43.2

