

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017777.D
 Acq On : 31 Jul 2020 15:58
 Operator : SY/MD
 Sample : L3486-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y29

Quant Time: Aug 01 04:47:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 01 04:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138920	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136396	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67958	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29596	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	26413	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.12	63	47337	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.93	46	73849	46.54	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.08%
24) Chloroform-d	4.38	84	76281	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	44046	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.07	84	127064	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.10	67	34389	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.34	98	113157	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
45) trans-1,3-Dichloropropene-	7.65	79	16270	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	8.11	63	49583	42.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24744	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	50896	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

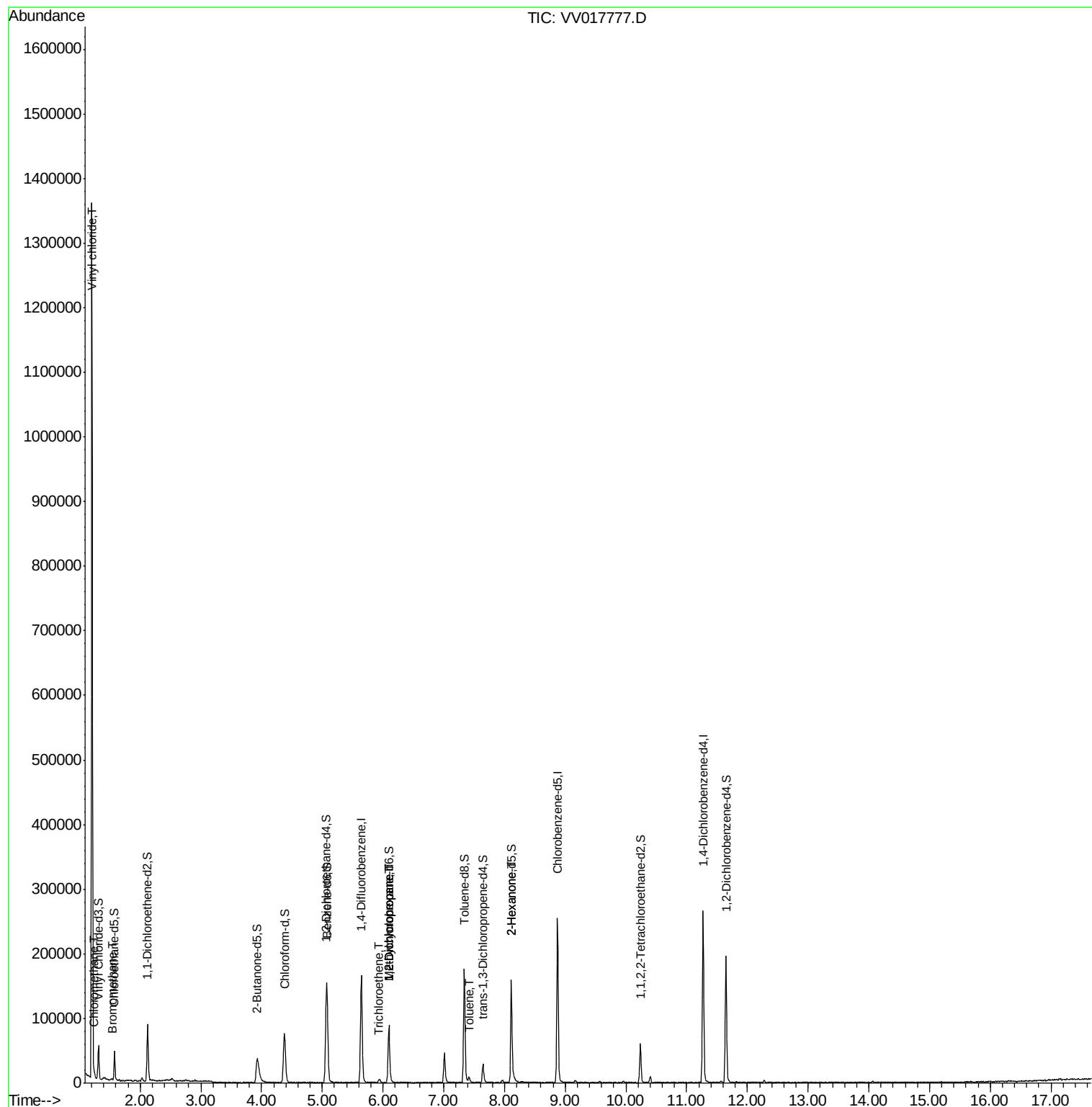
					Ovalue
3) Chloromethane	1.25	50	3696	0.373 ug/L	100
5) Vinyl chloride	1.21	62	13395	1.350 ug/L #	42
6) Bromomethane	1.54	94	1405	0.220 ug/L	82
34) Trichloroethene	5.95	95	1215	0.113 ug/L	78
35) Methylcyclohexane	6.09	83	10656	0.653 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	4981	0.549 ug/L #	83
42) Toluene	7.41	91	5318	0.126 ug/L	97
50) 2-Hexanone	8.11	43	8104	2.302 ug/L #	72

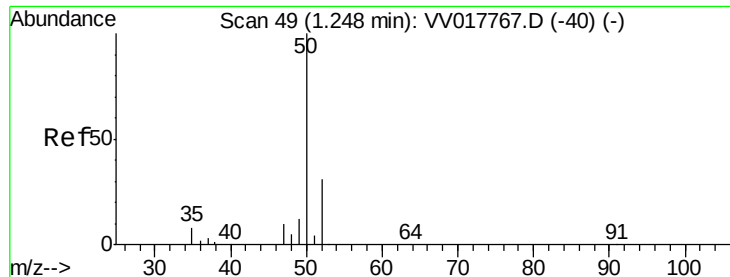
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 01 04:42:38 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.373 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017777.D

Acq: 31 Jul 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

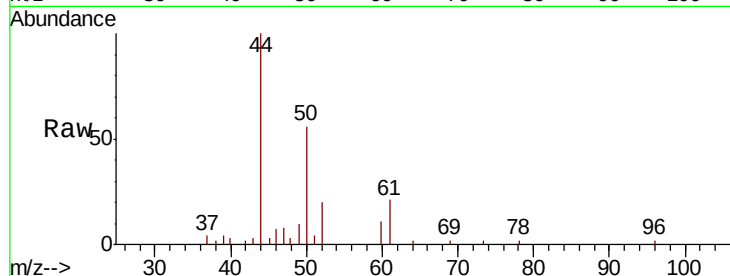
C0Y29

Tot Ion: 50 Resp: 3696

Ion Ratio Lower Upper

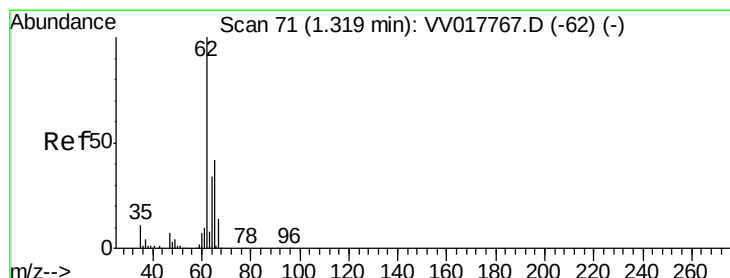
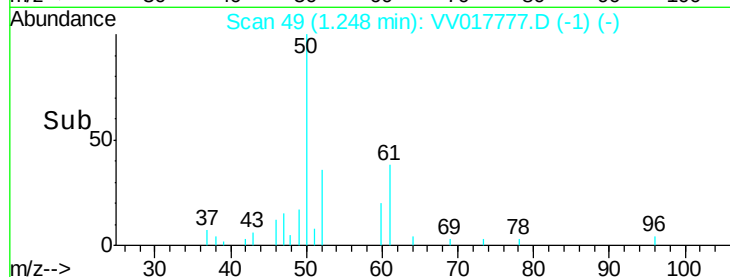
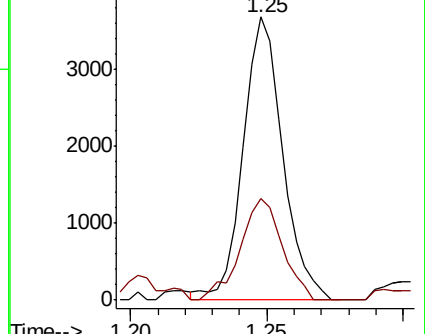
50 100

52 35.8 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 1.350 ug/L

RT: 1.21 min Scan# 36

Delta R.T. -0.11 min

Lab File: VV017777.D

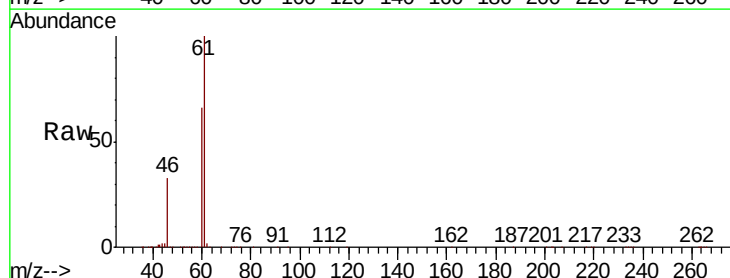
Acq: 31 Jul 2020 15:58

Tgt Ion: 62 Resp: 13395

Ion Ratio Lower Upper

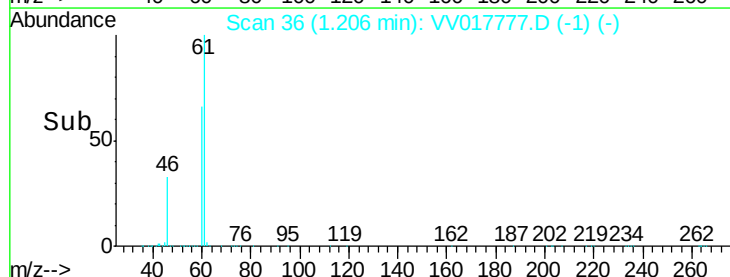
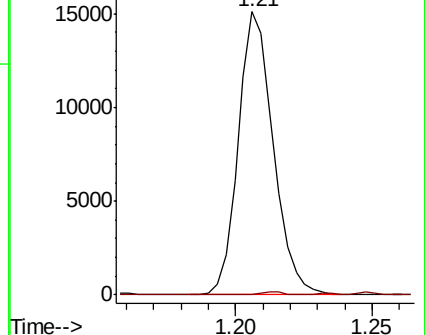
62 100

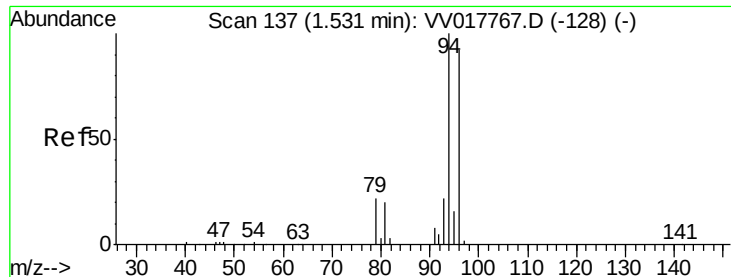
64 0.0 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#6

Bromomethane

Concen: 0.220 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.01 min

Lab File: VV017777.D

Acq: 31 Jul 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

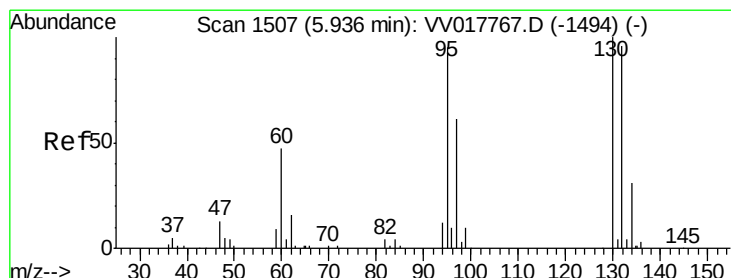
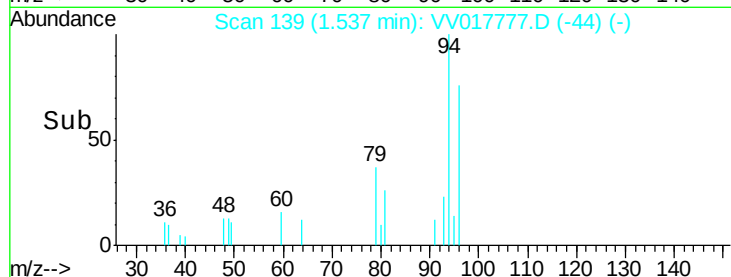
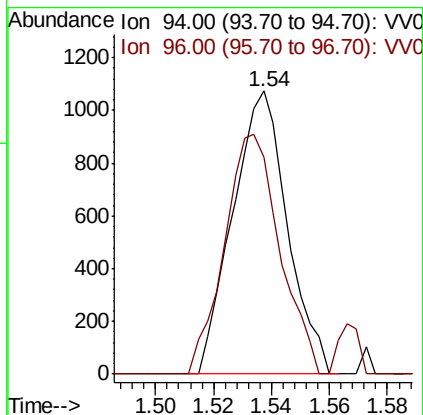
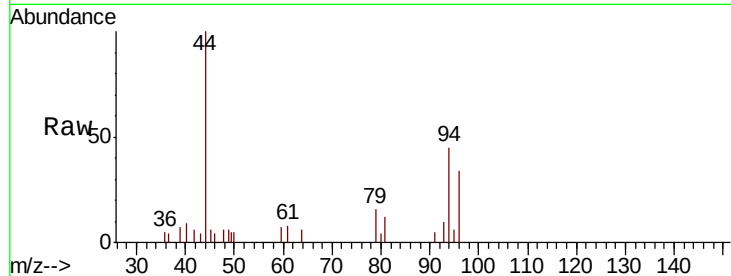
C0Y29

Tot Ion: 94 Resp: 1405

Ion Ratio Lower Upper

94 100

96 76.4 65.9 122.5



#34

Trichloroethene

Concen: 0.113 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017777.D

Acq: 31 Jul 2020 15:58

Tgt Ion: 95 Resp: 1215

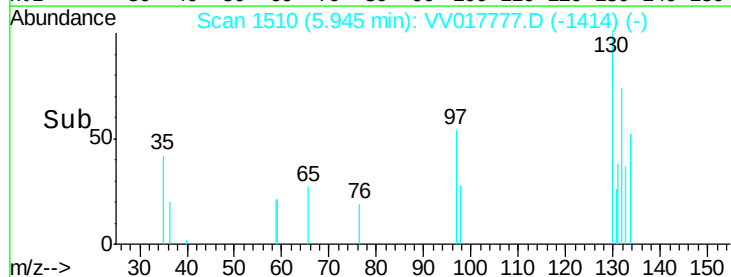
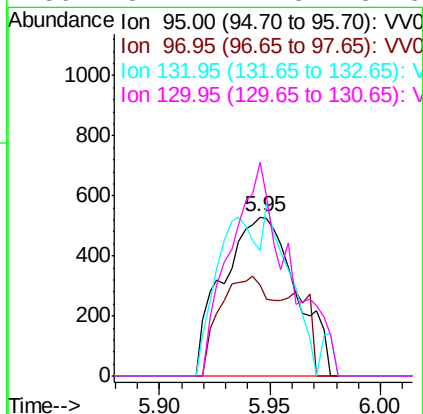
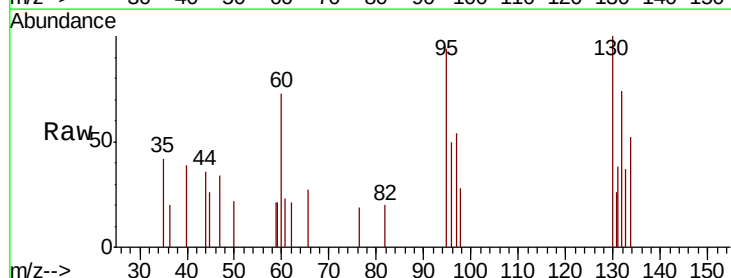
Ion Ratio Lower Upper

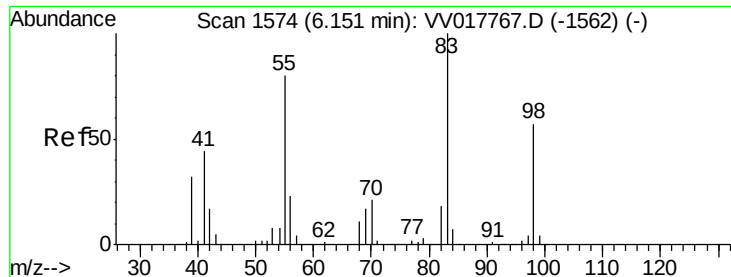
95 100

97 57.2 46.1 85.5

132 78.5 71.7 133.1

130 134.2 74.3 137.9

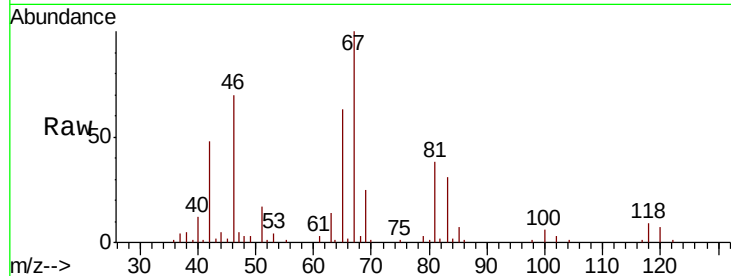




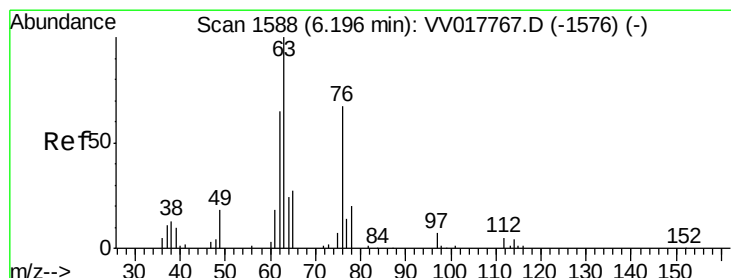
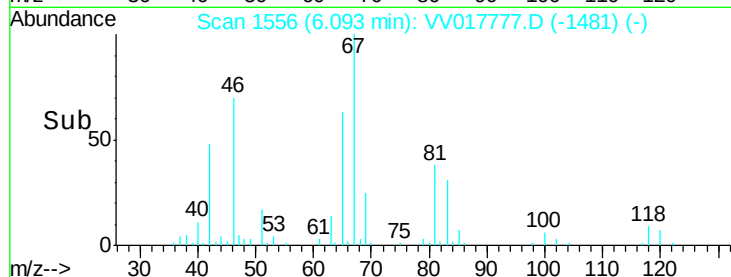
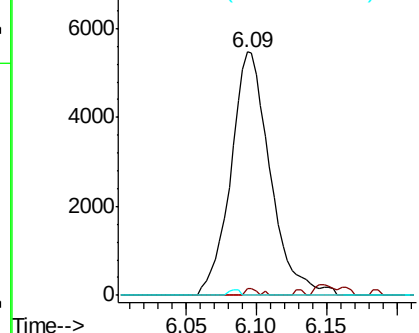
#35
Methylvlcyclohexane
Concen: 0.653 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017777.D
Acq: 31 Jul 2020 15:58

Instrument :
MSVOA_V
ClientSampleId :
C0Y29

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.9	61.8	92.8#
98	0.6	39.0	58.6#

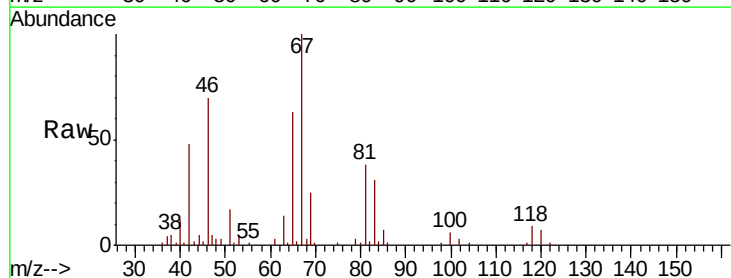


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

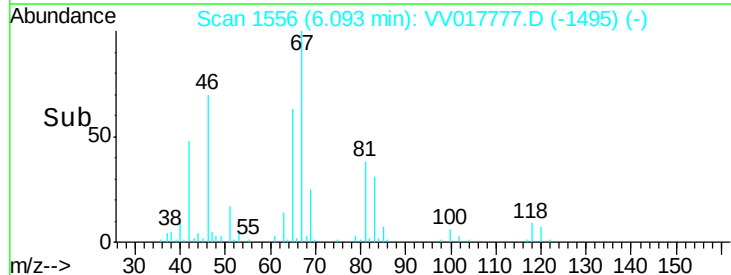
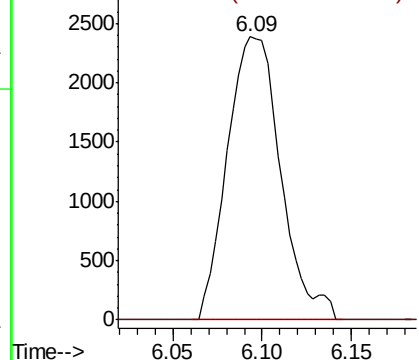


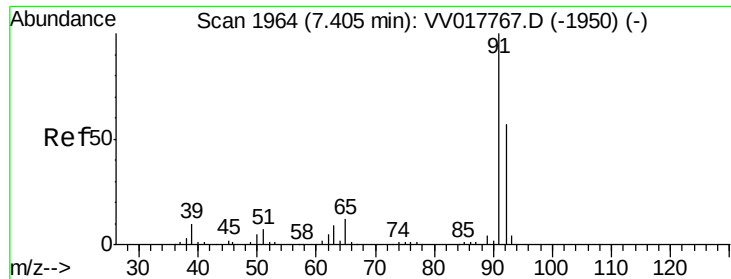
#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017777.D
Acq: 31 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.5	6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.126 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017777.D

Acq: 31 Jul 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

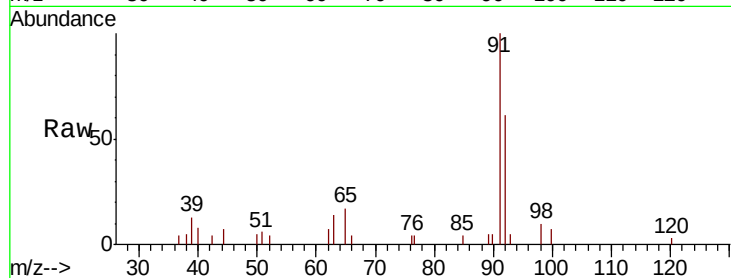
C0Y29

Tot Ion: 91 Resp: 5318

Ion Ratio Lower Upper

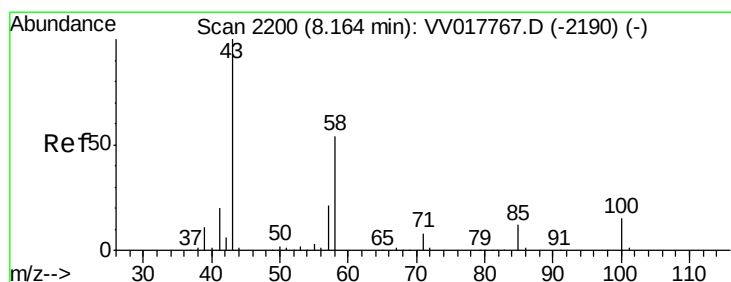
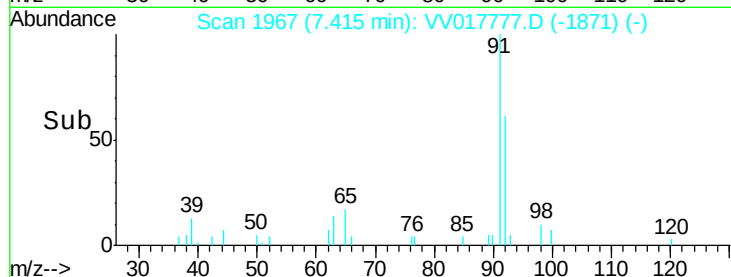
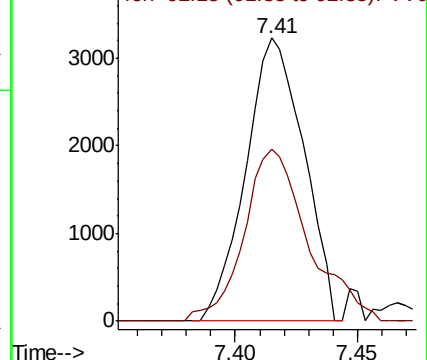
91 100

92 60.7 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#50

2-Hexanone

Concen: 2.302 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017777.D

Acq: 31 Jul 2020 15:58

Tgt Ion: 43 Resp: 8104

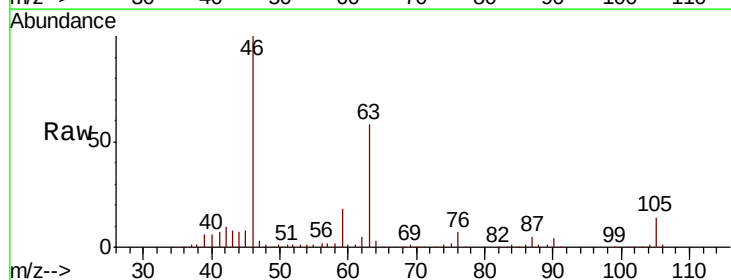
Ion Ratio Lower Upper

43 100

58 26.8 41.6 62.4#

57 22.7 15.4 23.0

100 2.1 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

