

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017774.D
 Acq On : 31 Jul 2020 14:46
 Operator : SY/MD
 Sample : L3486-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y25

Quant Time: Aug 01 04:47:12 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	160414	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156017	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29692	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	26746	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.12	63	48793	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.93	46	70744	38.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.22%
24) Chloroform-d	4.38	84	76150	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.06	65	44953	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.07	84	128785	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
36) 1,2-Dichloropropane-d6	6.10	67	34827	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.80%
41) Toluene-d8	7.34	98	113526	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
45) trans-1,3-Dichloropropene-	7.65	79	15572	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
48) 2-Hexanone-d5	8.11	63	45112	33.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24245	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	51073	4.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.20%

Target Compounds

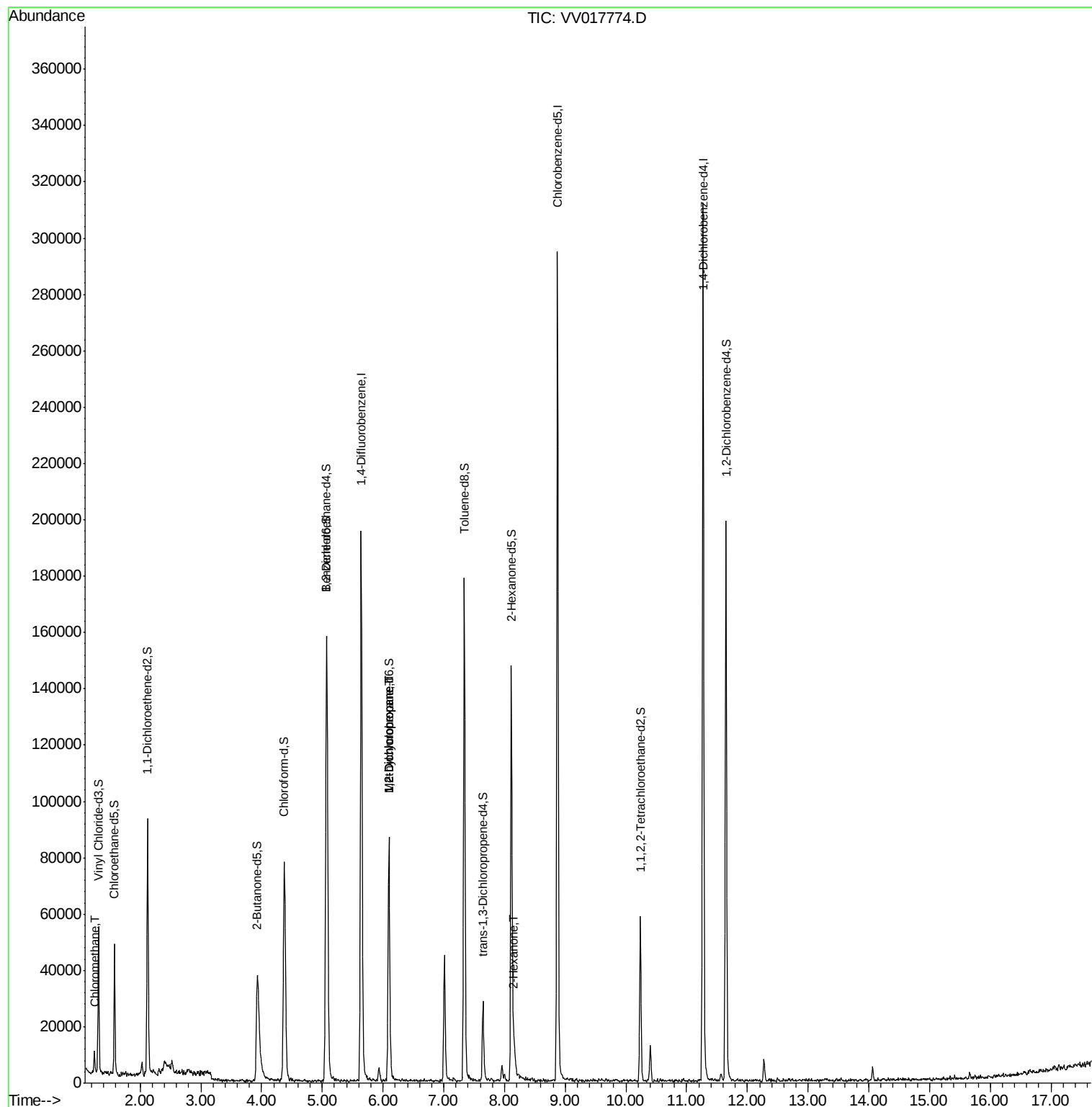
					Ovalue
3) Chloromethane	1.25	50	4377	0.383 ug/L	98
35) Methylcyclohexane	6.10	83	10000	0.536 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	5060	0.488 ug/L #	89
50) 2-Hexanone	8.16	43	5202	1.292 ug/L #	87

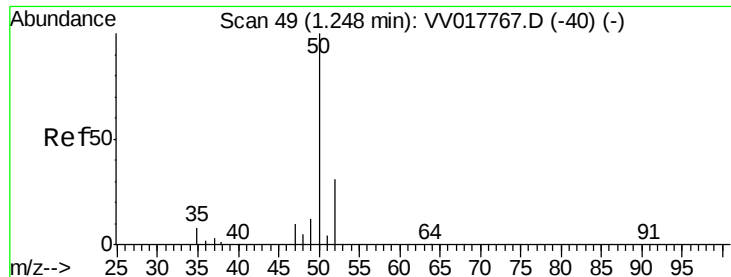
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.383 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 31 Jul 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

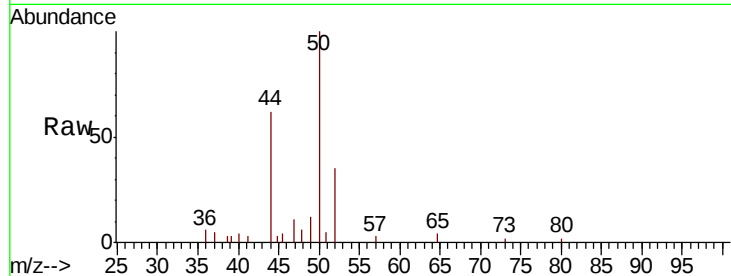
C0Y25

Tot Ion: 50 Resp: 4377

Ion Ratio Lower Upper

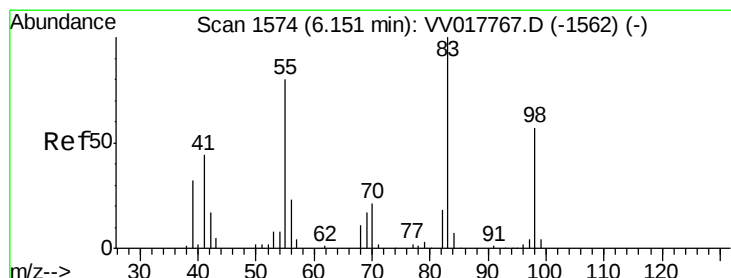
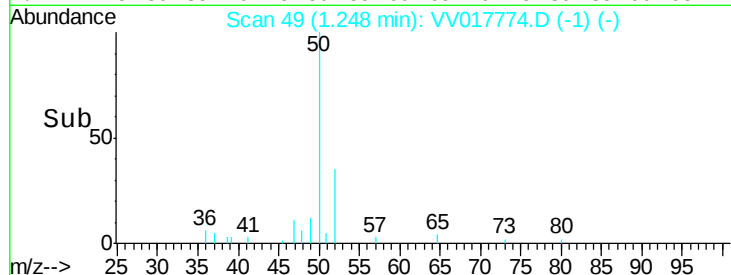
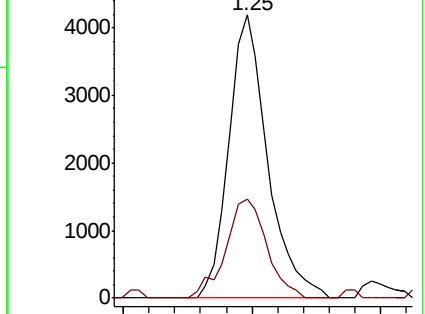
50 100

52 34.8 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#35

Methylcyclohexane

Concen: 0.536 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

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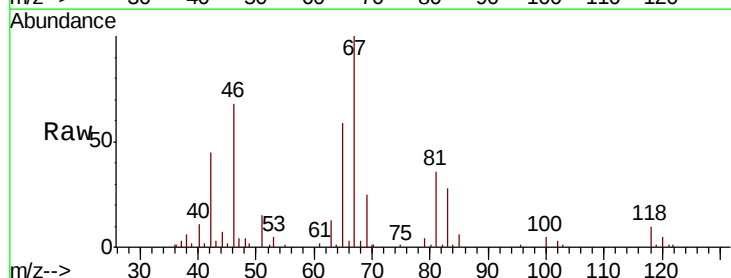
Tgt Ion: 83 Resp: 10000

Ion Ratio Lower Upper

83 100

55 1.3 61.8 92.8#

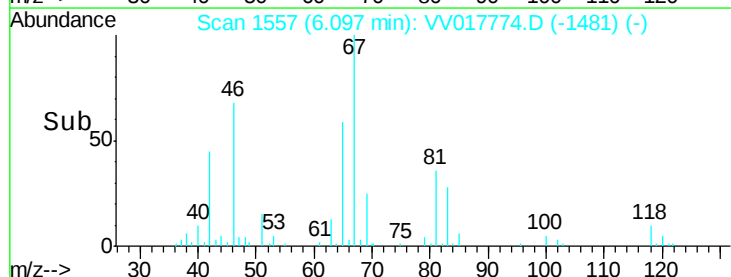
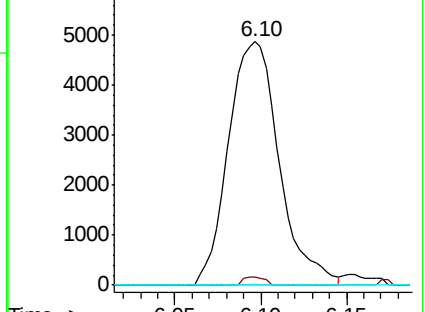
98 0.0 39.0 58.6#

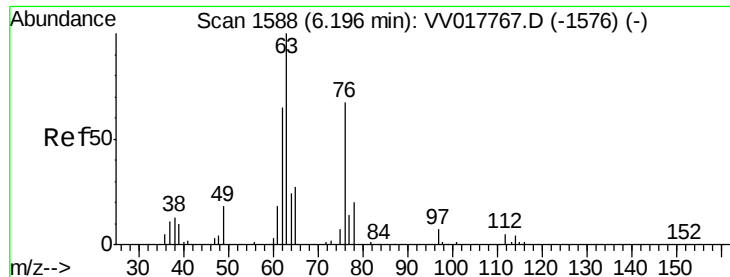


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.488 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.11 min

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Acq: 31 Jul 2020 14:46

Instrument :

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ClientSampleId :

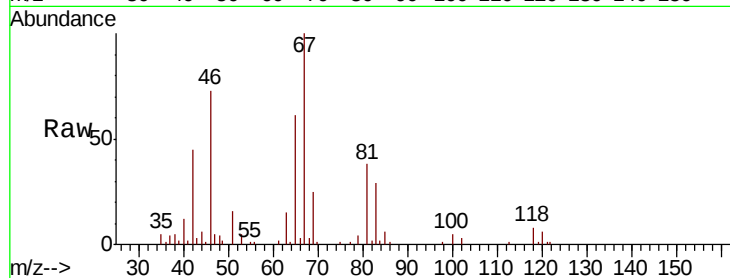
C0Y25

Tot Ion: 63 Resp: 5060

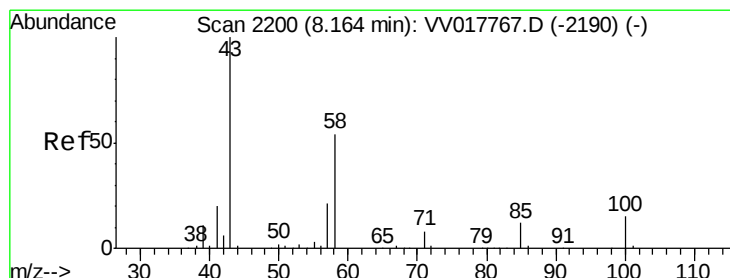
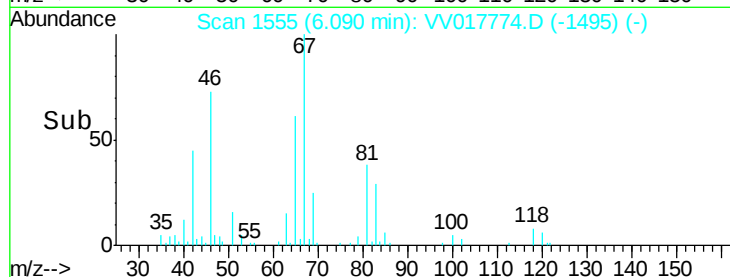
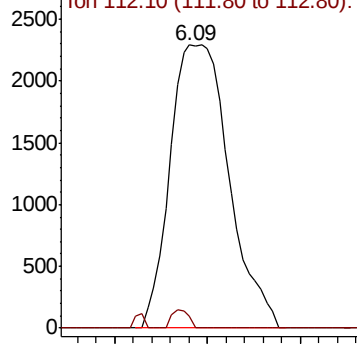
Ion Ratio Lower Upper

63 100

112 1.9 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV017767.D (-1576) (-)



#50

2-Hexanone

Concen: 1.292 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VV017774.D

Acq: 31 Jul 2020 14:46

Tgt Ion: 43 Resp: 5202

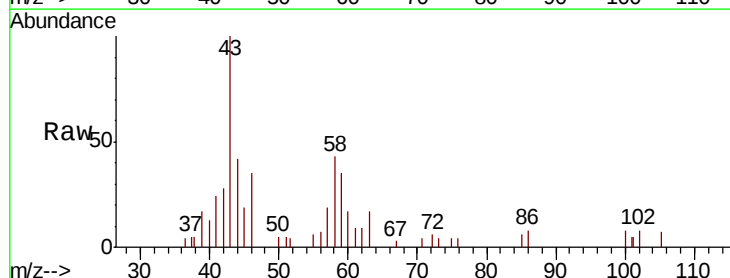
Ion Ratio Lower Upper

43 100

58 62.5 41.6 62.4#

57 14.7 15.4 23.0#

100 9.1 11.2 16.8#



Abundance Ion 43.05 (42.75 to 43.75): VV017767.D (-2190) (-)

Ion 58.05 (57.75 to 58.75): VV017767.D (-2190) (-)

Ion 57.20 (56.90 to 57.90): VV017767.D (-2190) (-)

Ion 100.15 (99.85 to 100.85): VV017767.D (-2190) (-)

Abundance Ion 43.05 (42.75 to 43.75): VV017774.D (-2107) (-)

Ion 58.05 (57.75 to 58.75): VV017774.D (-2107) (-)

Ion 57.20 (56.90 to 57.90): VV017774.D (-2107) (-)

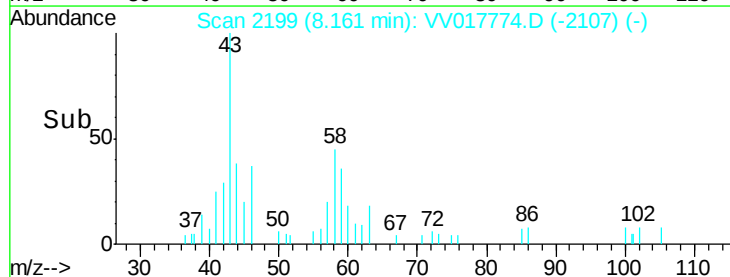
Ion 100.15 (99.85 to 100.85): VV017774.D (-2107) (-)

Abundance Ion 43.05 (42.75 to 43.75): VV017774.D (-2107) (-)

Ion 58.05 (57.75 to 58.75): VV017774.D (-2107) (-)

Ion 57.20 (56.90 to 57.90): VV017774.D (-2107) (-)

Ion 100.15 (99.85 to 100.85): VV017774.D (-2107) (-)



Time-->