

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017772.D
 Acq On : 31 Jul 2020 13:58
 Operator : SY/MD
 Sample : L3520-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 D0AC2

Quant Time: Aug 01 04:46:55 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	153234	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147077	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75204	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32406	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	28895	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.12	63	53209	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.93	46	73996	42.27	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.54%
24) Chloroform-d	4.38	84	80278	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	45809	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.07	84	139746	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.10	67	36673	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.34	98	124197	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
45) trans-1,3-Dichloropropene-	7.65	79	16633	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.11	63	45324	35.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24922	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	55363	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

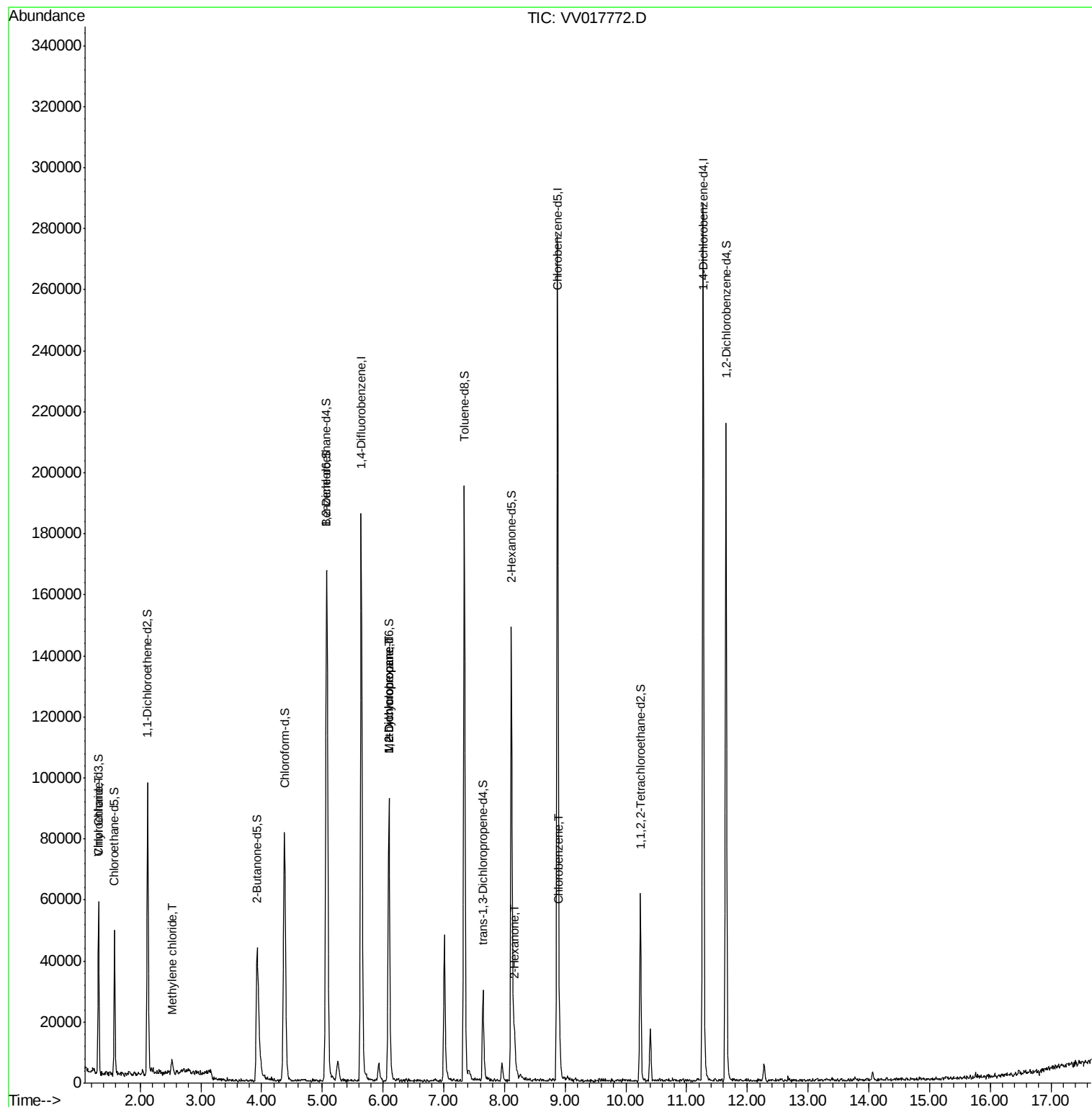
					Ovalue
8) Chloroethane	1.32	64	527	0.083	ug/L 100
16) Methylene chloride	2.52	84	1906	0.208	ug/L # 71
35) Methylcyclohexane	6.09	83	10649	0.605	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	5489	0.561	ug/L # 88
50) 2-Hexanone	8.16	43	9558	2.518	ug/L # 79
53) Chlorobenzene	8.91	112	6006	0.198	ug/L 92

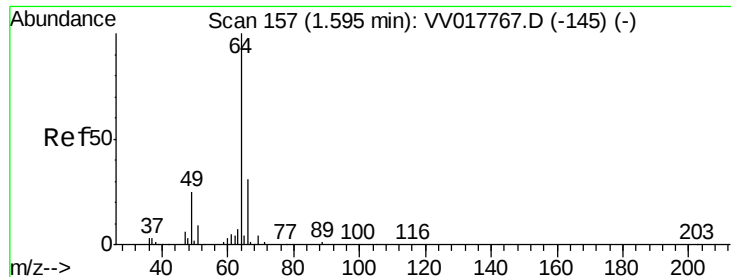
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 01 04:42:38 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.083 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.27 min

Lab File: VV017772.D

Acq: 31 Jul 2020 13:58

Instrument :

MSVOA_V

ClientSampled :

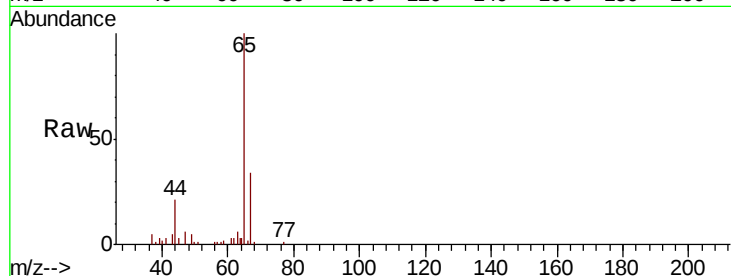
D0AC2

Tot Ion: 64 Resp: 527

Ion Ratio Lower Upper

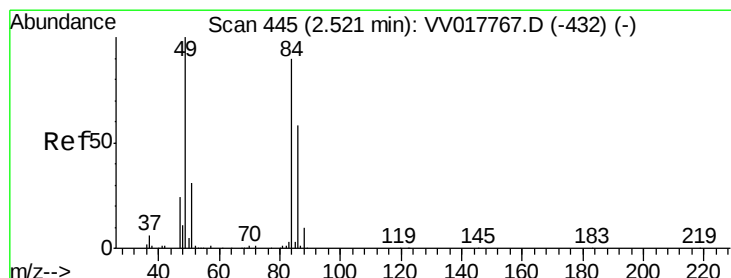
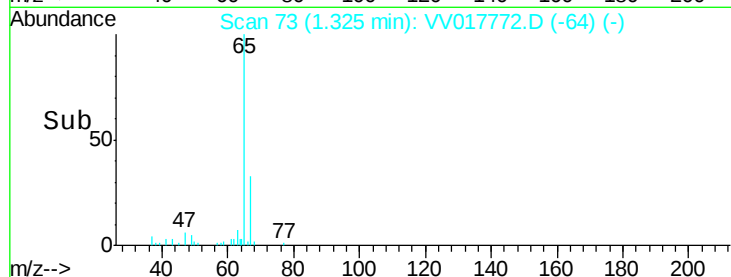
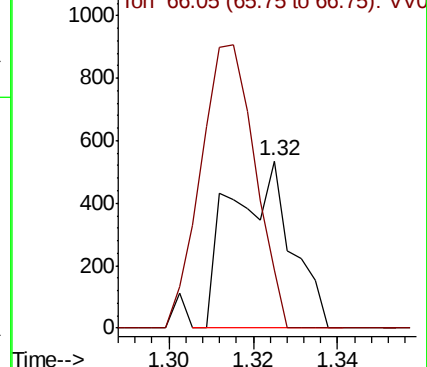
64 100

66 34.6 24.0 44.6



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#16

Methylene chloride

Concen: 0.208 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017772.D

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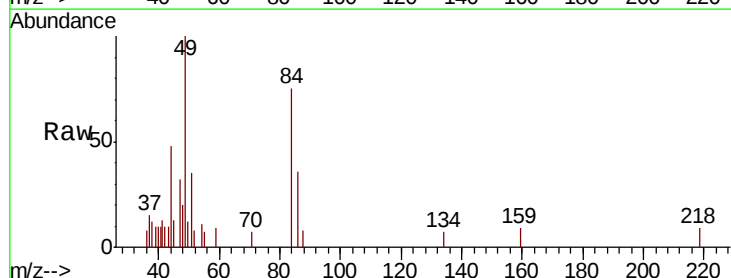
Tgt Ion: 84 Resp: 1906

Ion Ratio Lower Upper

84 100

86 48.6 46.5 86.3

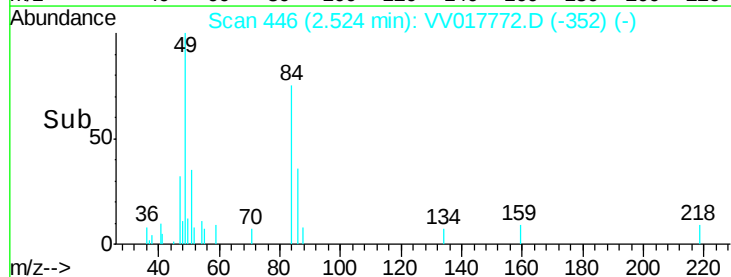
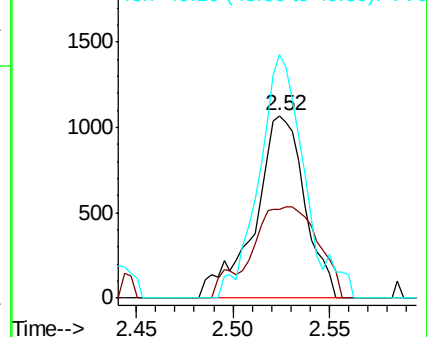
49 148.8 79.2 147.2#

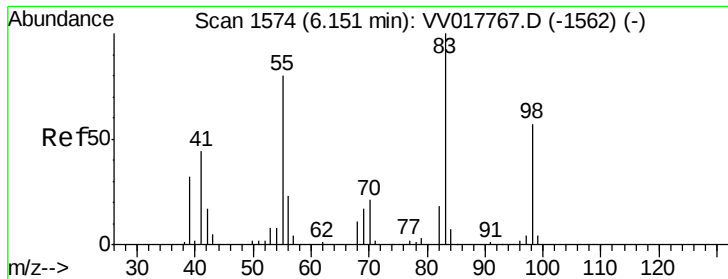


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

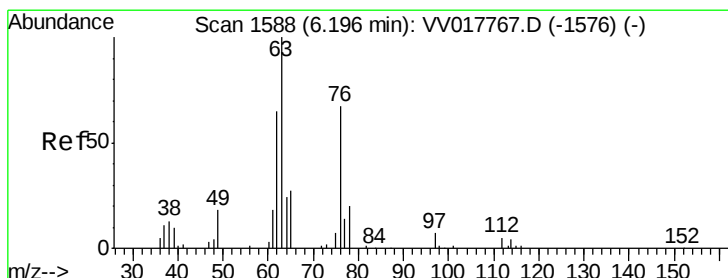
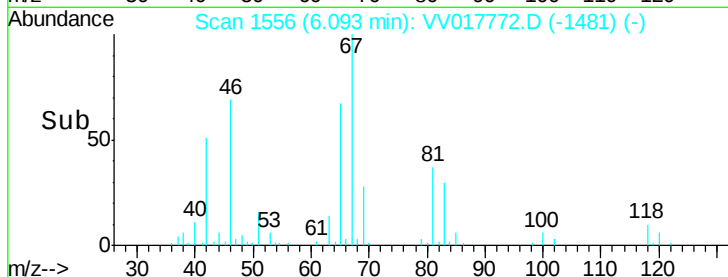
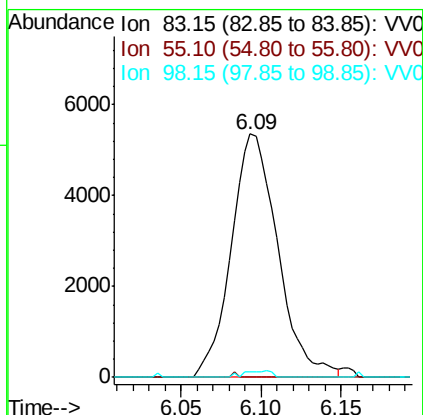
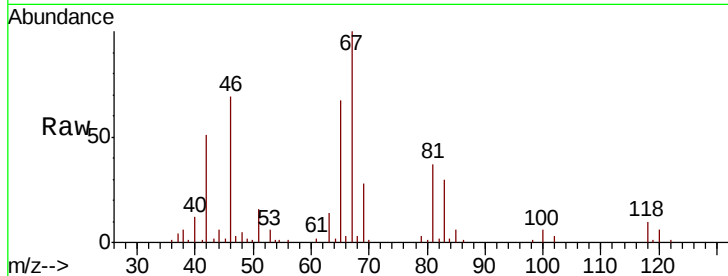




#35
Methvlcvclohexane
Concen: 0.605 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017772.D
Acq: 31 Jul 2020 13:58

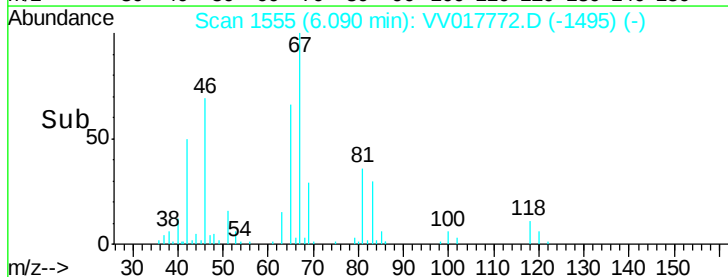
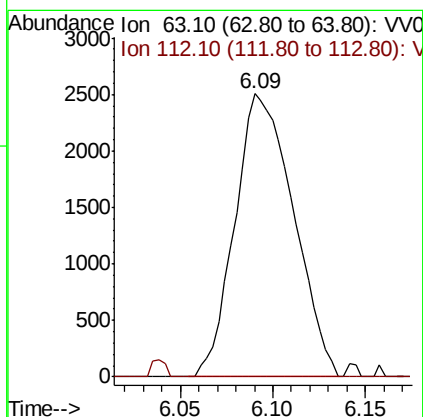
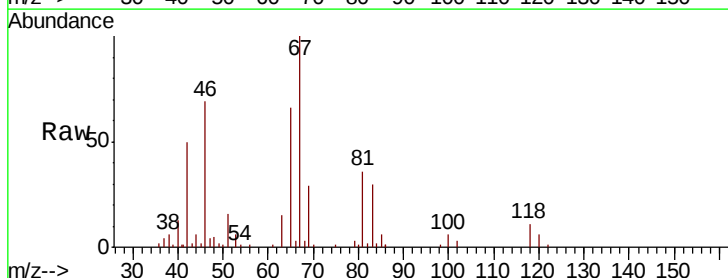
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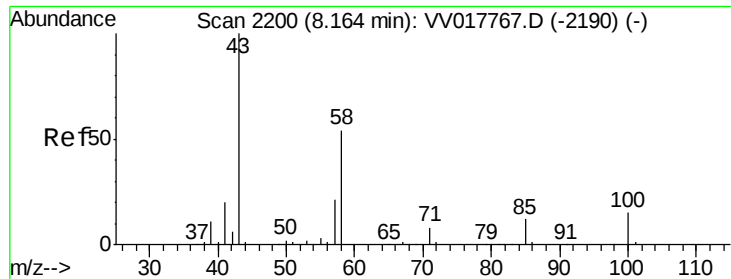
Tot Ion: 83 Resp: 10649
Ion Ratio Lower Upper
83 100
55 0.2 61.8 92.8#
98 0.9 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV017772.D
Acq: 31 Jul 2020 13:58

Tgt Ion: 63 Resp: 5489
Ion Ratio Lower Upper
63 100
112 1.5 4.5 6.7#

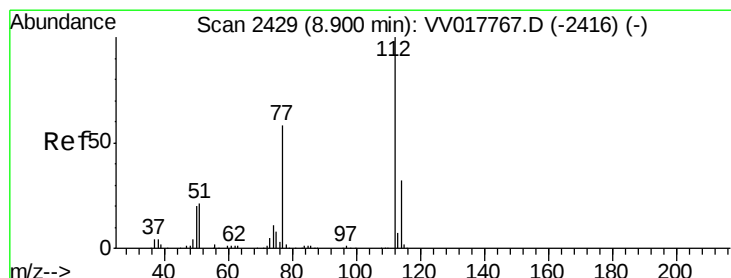
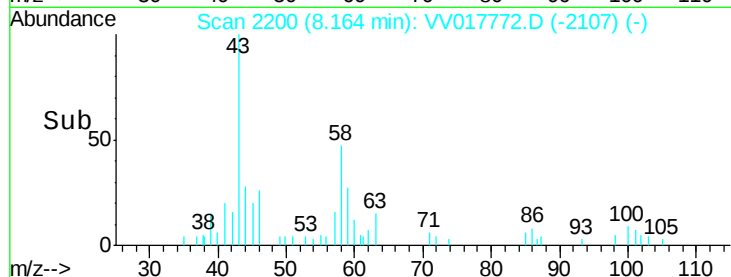
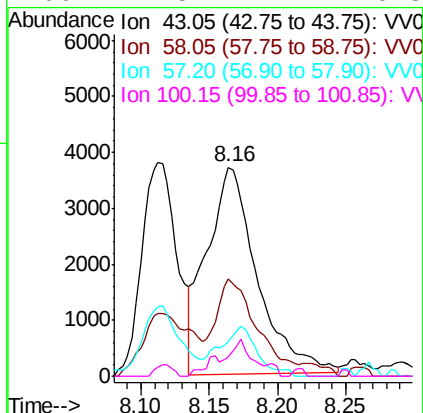
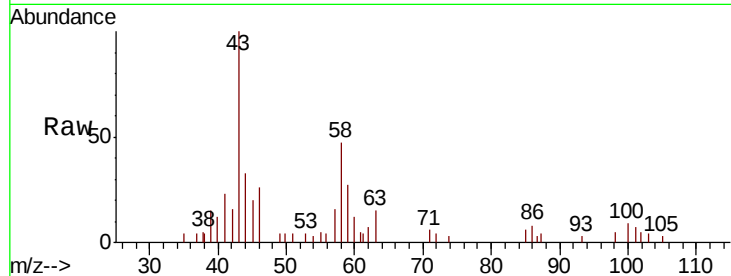




#50
2-Hexanone
Concen: 2.518 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VV017772.D
Acq: 31 Jul 2020 13:58

Instrument :
MSVOA_V
ClientSampleId :
D0AC2

Tot Ion: 43 Resp: 9558
Ion Ratio Lower Upper
43 100
58 32.5 41.6 62.4#
57 18.0 15.4 23.0
100 4.5 11.2 16.8#



#53
Chlorobenzene
Concen: 0.198 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VV017772.D
Acq: 31 Jul 2020 13:58

Tgt Ion: 112 Resp: 6006
Ion Ratio Lower Upper
112 100
114 31.1 23.2 43.2
77 64.7 45.6 68.4

