

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017731.D
 Acq On : 29 Jul 2020 15:28
 Operator : SY/MD
 Sample : L3470-07DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:31:24 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	149203	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146268	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76190	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34048	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	29591	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.12	63	58773	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.93	46	74713	43.84	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	4.37	84	78900	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	43888	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.07	84	144163	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.09	67	37726	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.34	98	129281	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
45) trans-1,3-Dichloropropene-	7.64	79	17013	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
48) 2-Hexanone-d5	8.11	63	49762	39.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27313	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	55341	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

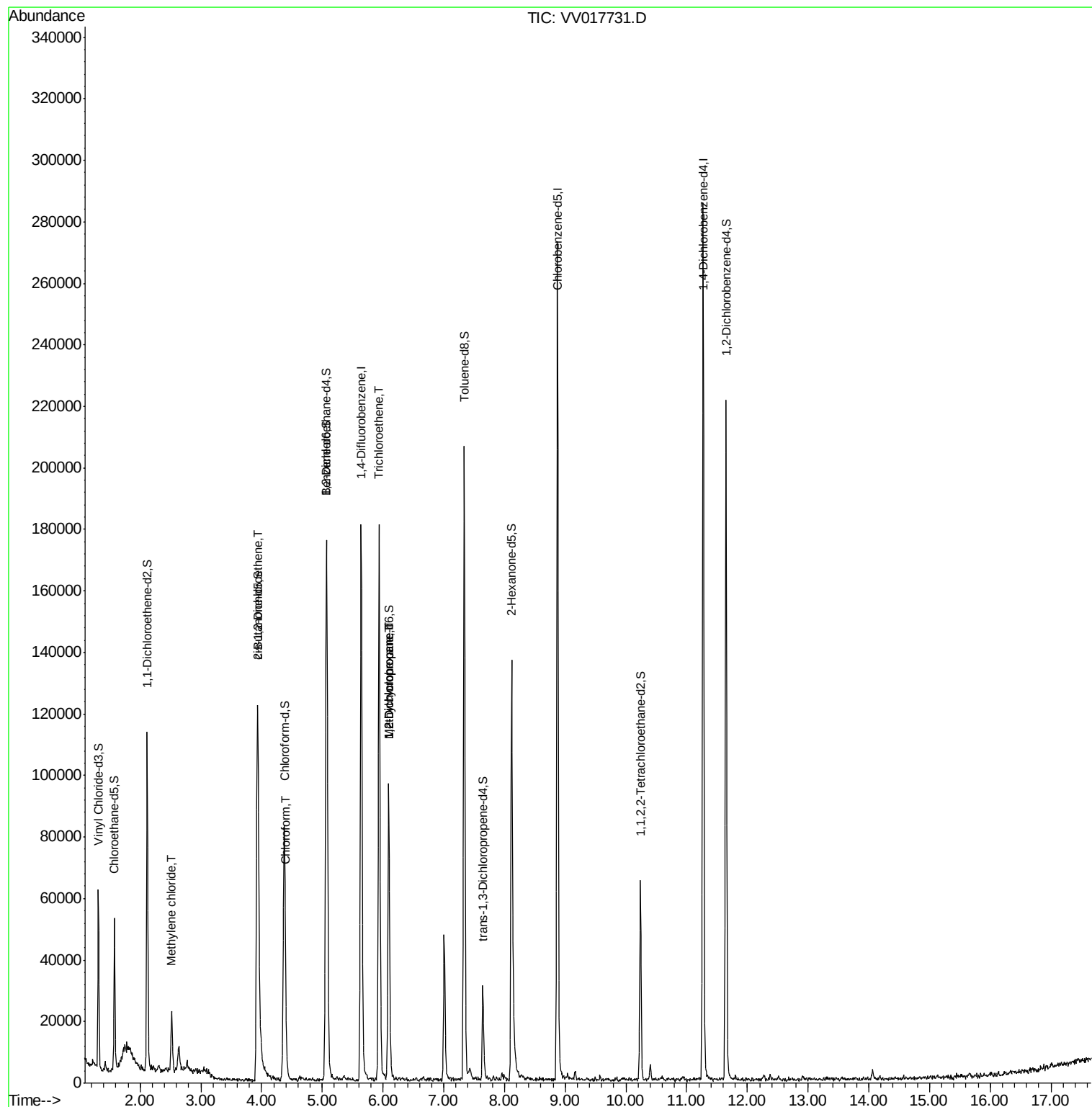
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.52	84	7772	0.869	ug/L	98
22) cis-1,2-Dichloroethene	3.93	96	47201	4.281	ug/L	98
25) Chloroform	4.40	83	5811	0.281	ug/L	95
34) Trichloroethene	5.94	95	59248	5.123	ug/L	97
35) Methylcyclohexane	6.09	83	10737	0.614	ug/L #	20
37) 1,2-Dichloropropane	6.09	63	5650	0.581	ug/L #	84

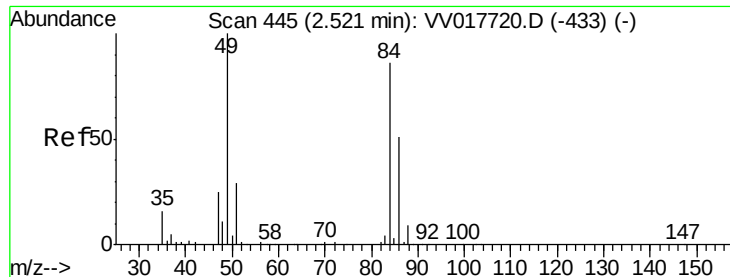
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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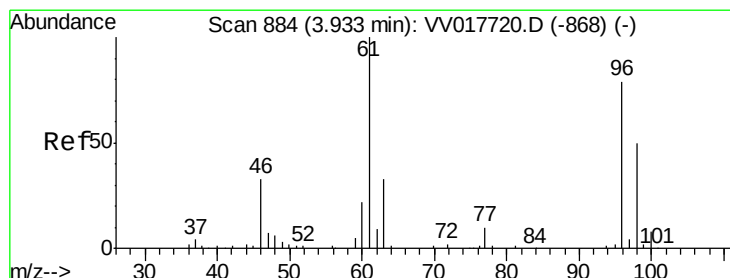
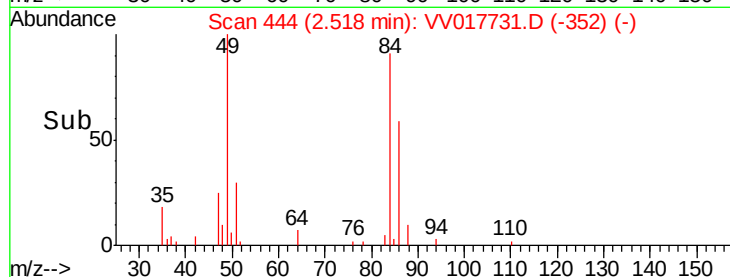
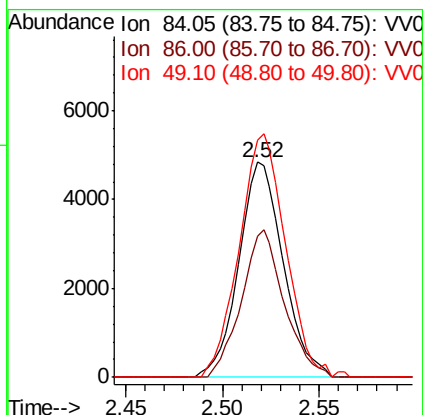
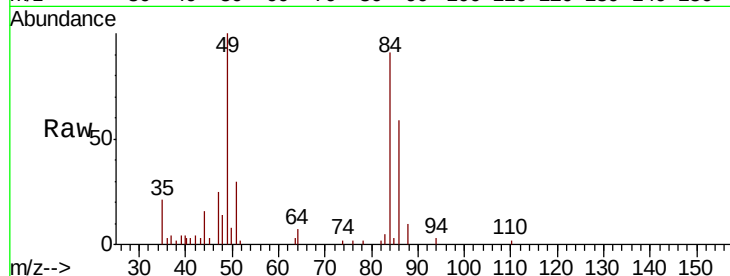




#16
Methylene chloride
Concen: 0.869 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV017731.D
Acq: 29 Jul 2020 15:28

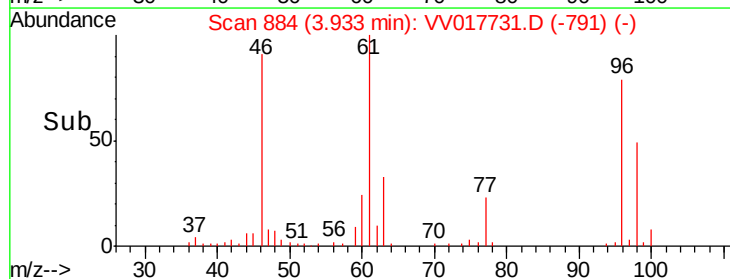
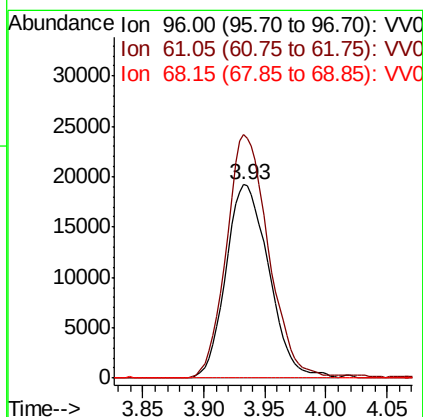
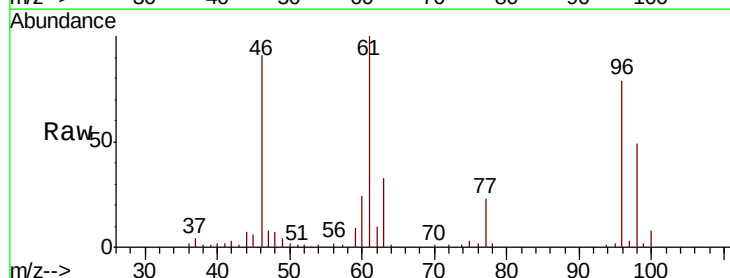
Instrument :
MSVOA_V
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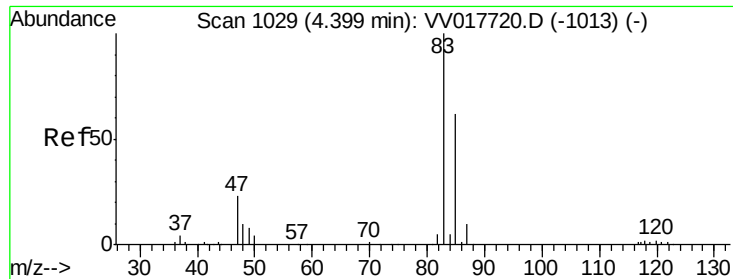
Tot Ion: 84 Resp: 7772
Ion Ratio Lower Upper
84 100
86 65.5 46.5 86.3
49 110.4 79.2 147.2



#22
cis-1,2-Dichloroethene
Concen: 4.281 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV017731.D
Acq: 29 Jul 2020 15:28

Tgt Ion: 96 Resp: 47201
Ion Ratio Lower Upper
96 100
61 126.1 89.6 166.4
68 0.0 0.0 0.0

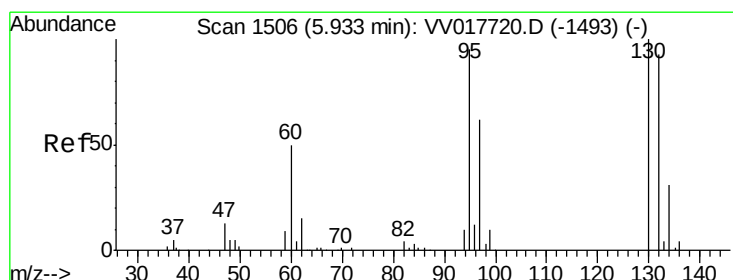
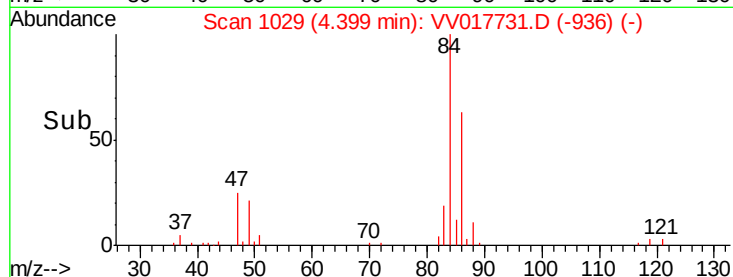
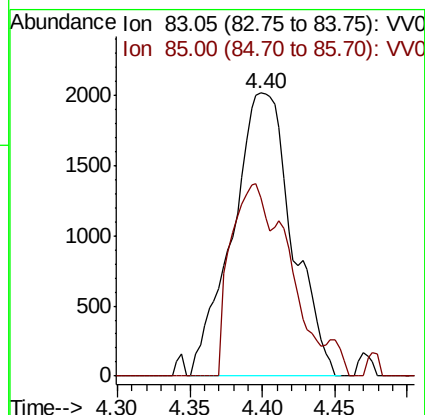
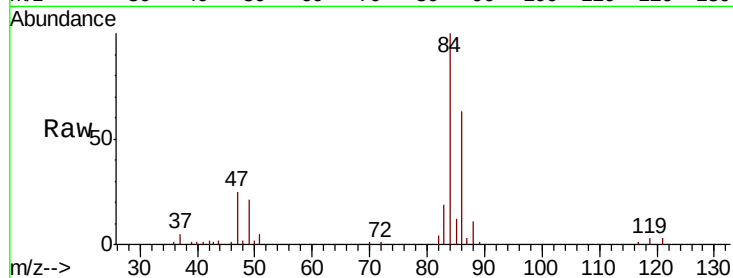




#25
Chloroform
Concen: 0.281 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017731.D
Acq: 29 Jul 2020 15:28

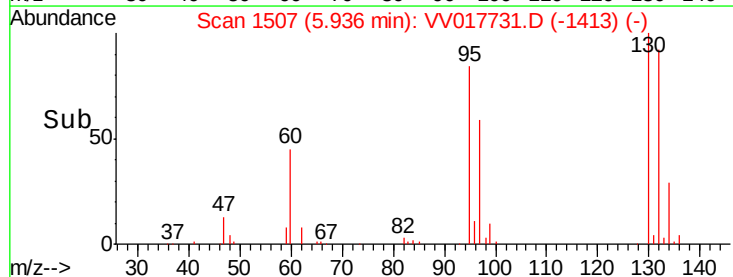
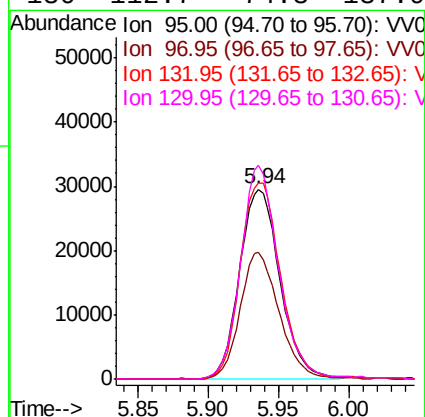
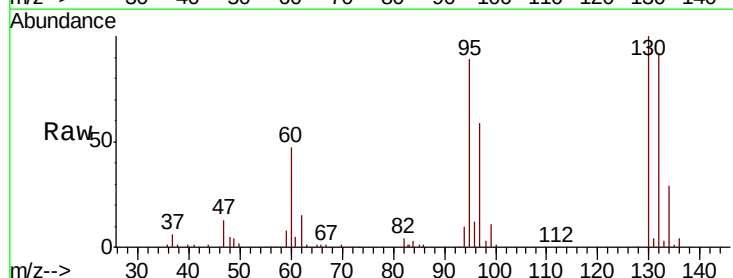
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MSVOA_V
ClientSampleId :

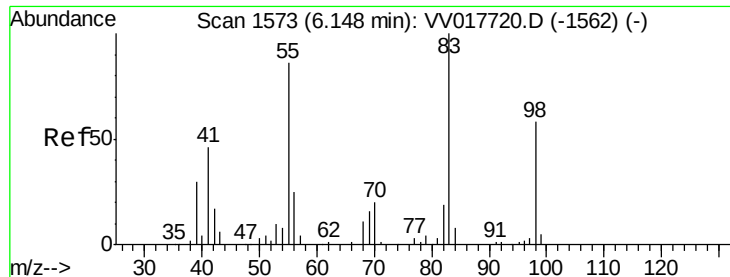
Tot Ion: 83 Resp: 5811
Ion Ratio Lower Upper
83 100
85 63.2 47.3 87.9



#34
Trichloroethene
Concen: 5.123 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017731.D
Acq: 29 Jul 2020 15:28

Tgt Ion: 95 Resp: 59248
Ion Ratio Lower Upper
95 100
97 66.5 46.1 85.5
132 103.6 71.7 133.1
130 112.7 74.3 137.9

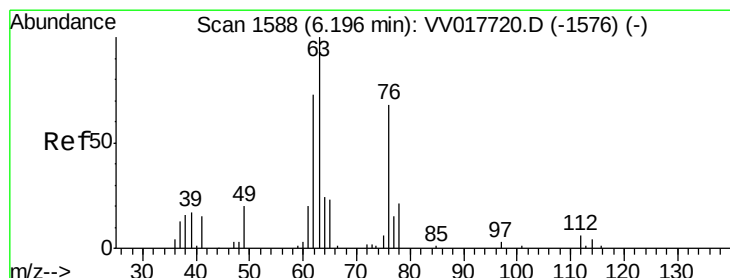
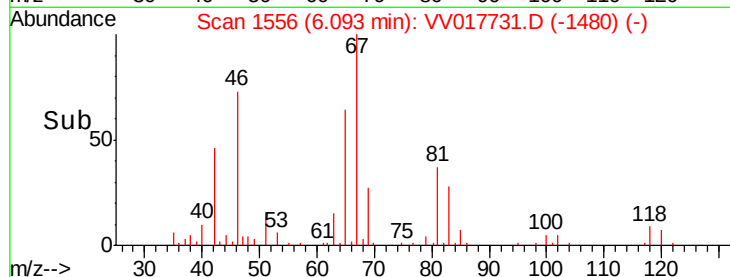
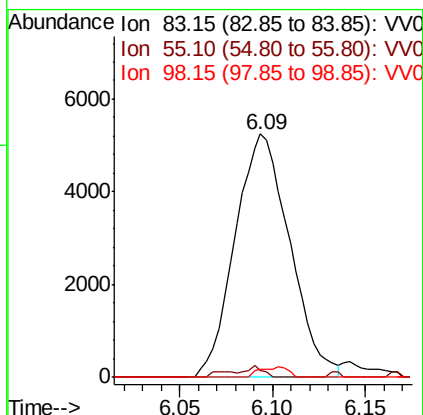
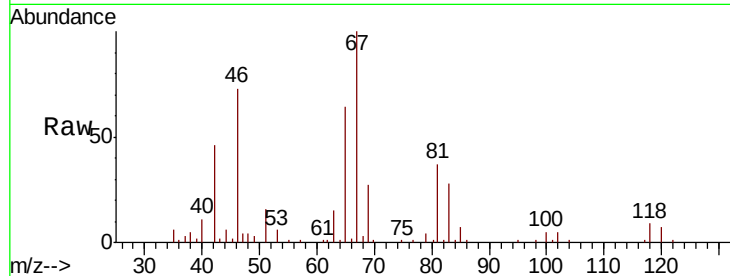




#35
Methylvlcyclohexane
Concen: 0.614 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017731.D
Acq: 29 Jul 2020 15:28

Instrument :
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Tot Ion	Ratio	Lower	Upper
83	100		
55	2.4	61.8	92.8#
98	2.2	39.0	58.6#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV017731.D
Acq: 29 Jul 2020 15:28

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.5	6.7#

