

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091120\
 Data File : VV018194.D
 Acq On : 11 Sep 2020 12:59
 Operator : SY/MD
 Sample : VV0911WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK67

Quant Time: Sep 12 01:30:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 01:23:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138394	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96125	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.58	69	85536	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.82%
11) 1,1-Dichloroethene-d2	2.12	63	144297	34.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.10%
21) 2-Butanone-d5	3.92	46	143532	102.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.99%
24) Chloroform-d	4.38	84	183936	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.06	65	128671	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
32) Benzene-d6	5.08	84	381025	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
36) 1,2-Dichloropropane-d6	6.10	67	124985	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.60%
41) Toluene-d8	7.34	98	337252	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%
43) trans-1,3-Dichloropropene-	7.64	79	59806	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.11	63	89393	92.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	150782	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	147213	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

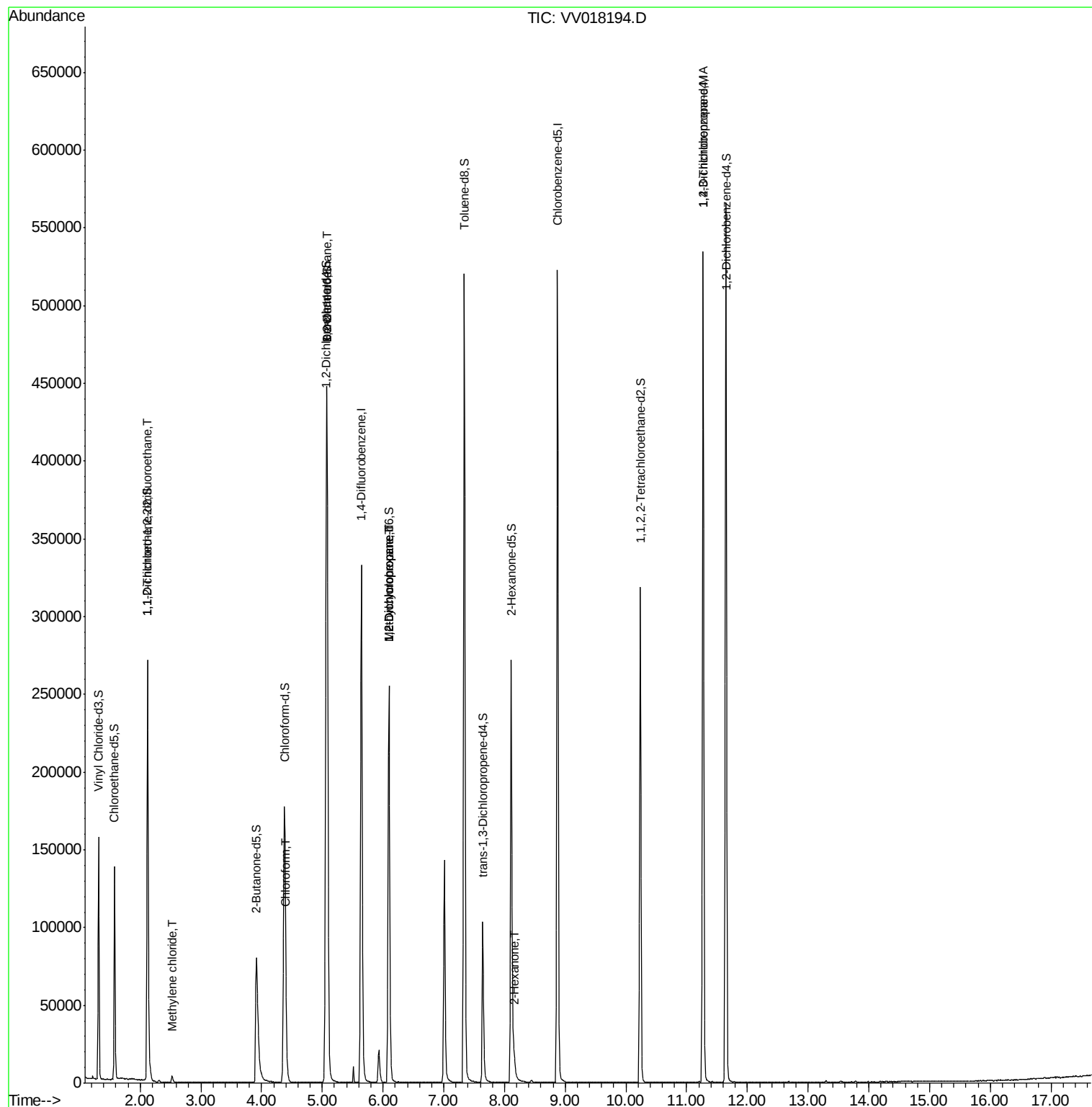
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1325	0.703 ug/L #	19
16) Methylene chloride	2.53	84	1748	0.850 ug/L	92
25) Chloroform	4.41	83	9389	2.584 ug/L	98
27) 1,2-Dichloroethane	5.08	62	2255	0.802 ug/L #	74
35) Methylcyclohexane	6.10	83	29690	8.991 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	13398	6.280 ug/L #	87
48) 2-Hexanone	8.16	43	7521	3.686 ug/L #	92
59) 1,2,3-Trichloropropane	11.27	75	16458	6.559 ug/L	97

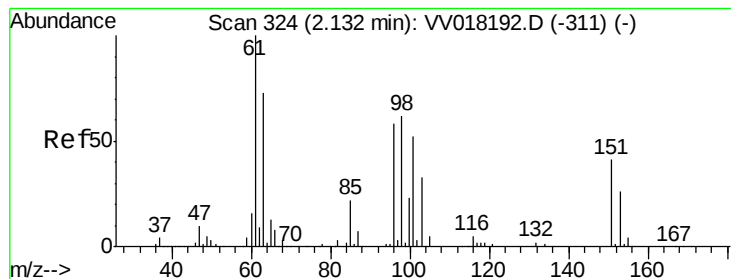
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Sat Sep 12 01:23:11 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.703 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018194.D

Acq: 11 Sep 2020 12:59

Instrument :

MSVOA_V

ClientSampleId :

VBLK67

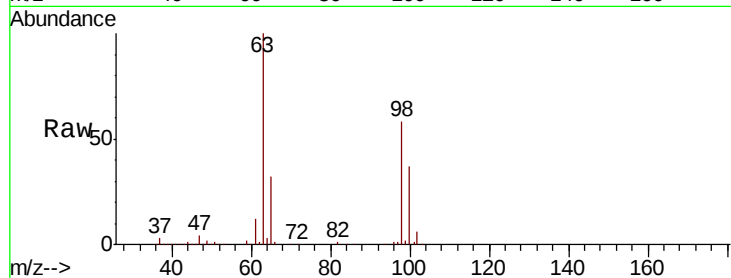
Tot Ion:101 Resp: 1325

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

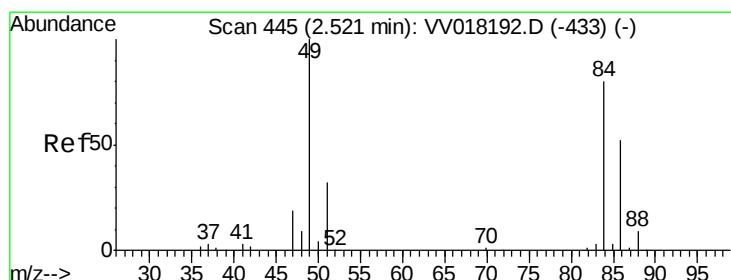
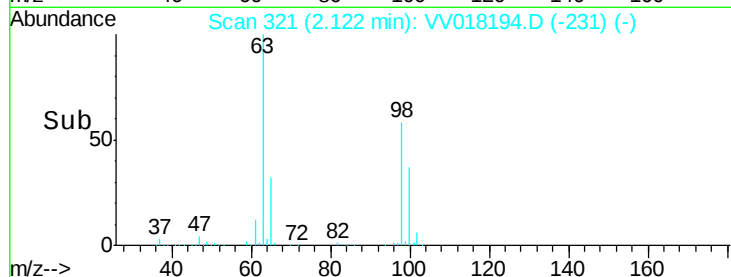
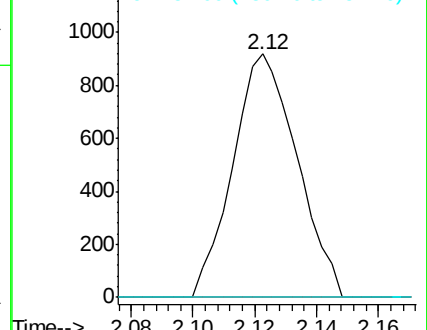
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.850 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV018194.D

Acq: 11 Sep 2020 12:59

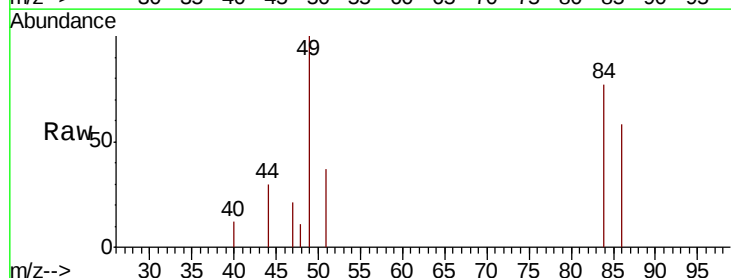
Tgt Ion: 84 Resp: 1748

Ion Ratio Lower Upper

84 100

86 75.6 44.4 82.4

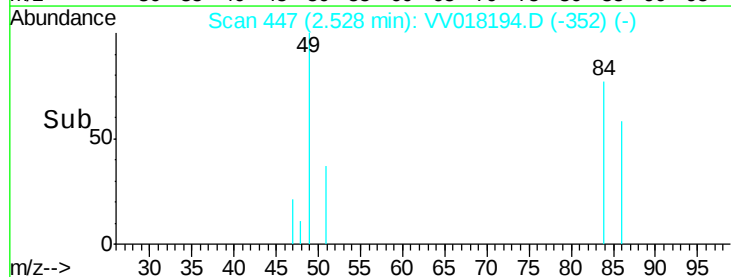
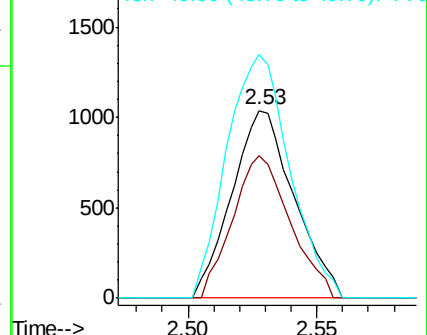
49 129.6 87.2 162.0

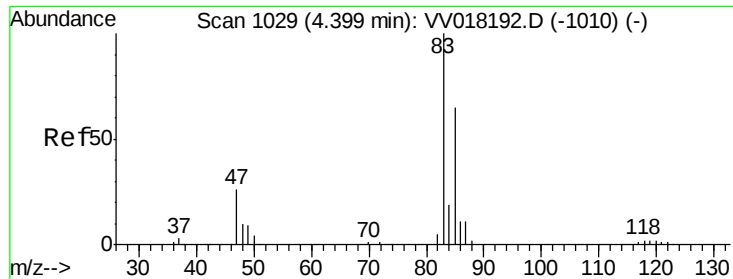


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

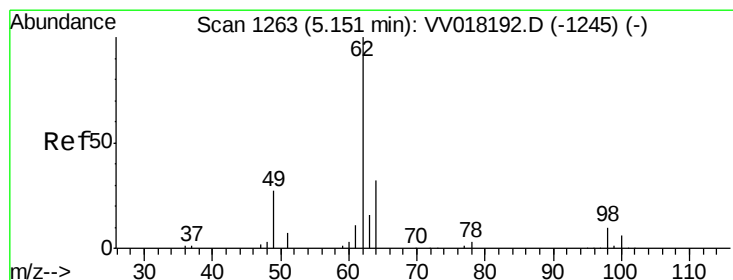
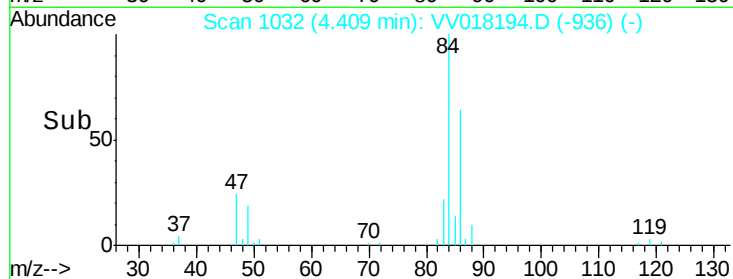
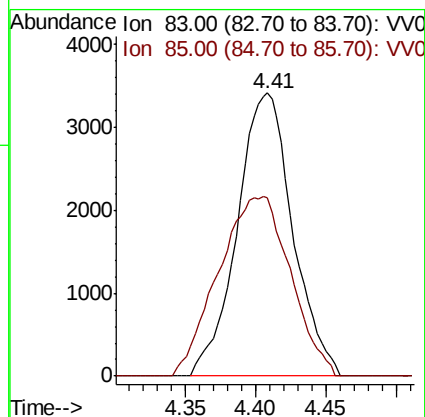
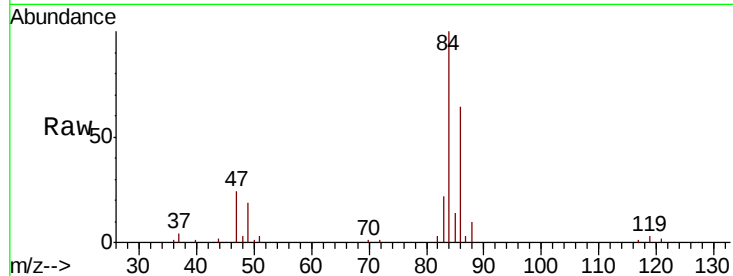




#25
Chloroform
Concen: 2.584 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV018194.D
Acq: 11 Sep 2020 12:59

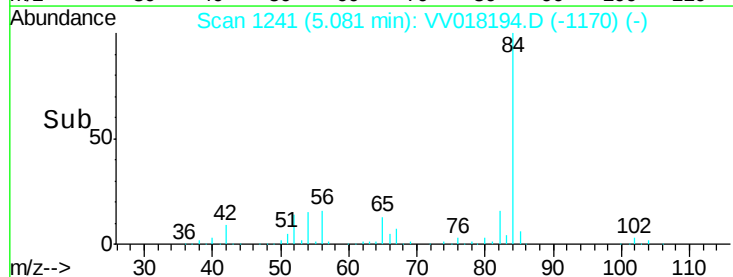
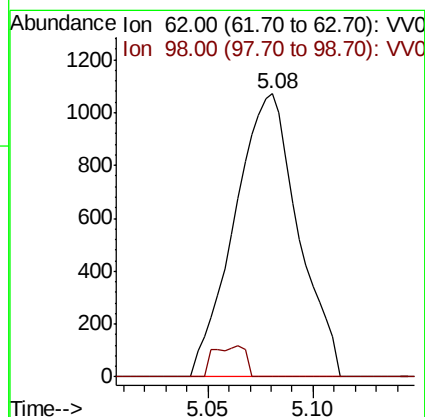
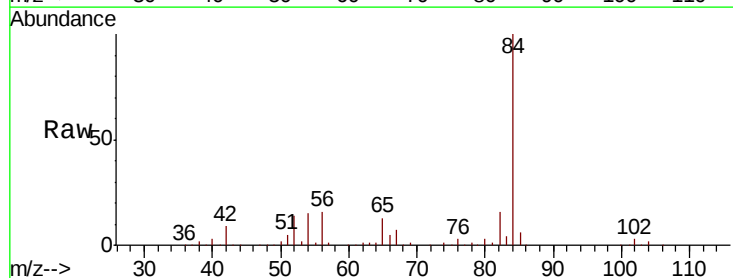
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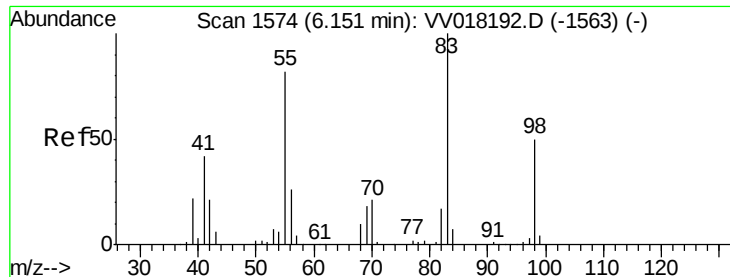
Tot Ion: 83 Resp: 9389
Ion Ratio Lower Upper
83 100
85 62.9 45.0 83.6



#27
1,2-Dichloroethane
Concen: 0.802 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV018194.D
Acq: 11 Sep 2020 12:59

Tgt Ion: 62 Resp: 2255
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

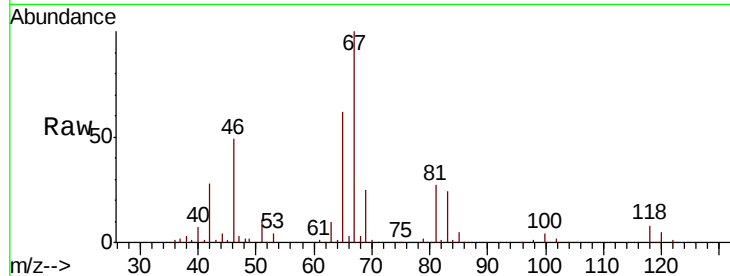




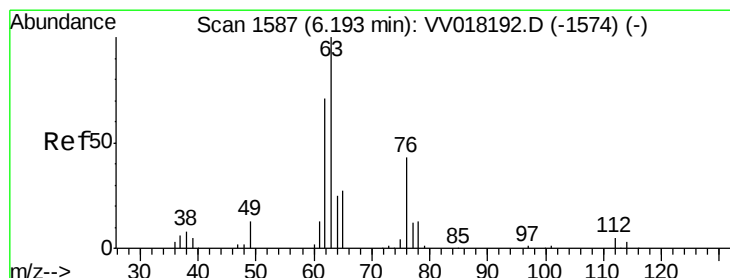
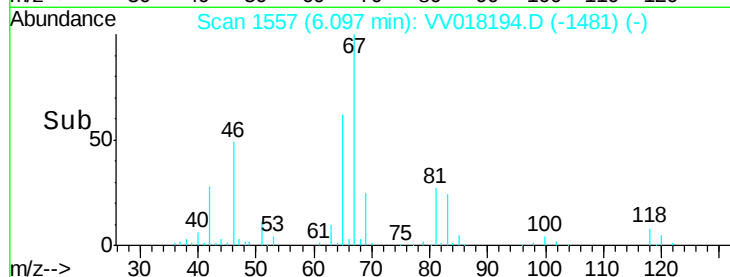
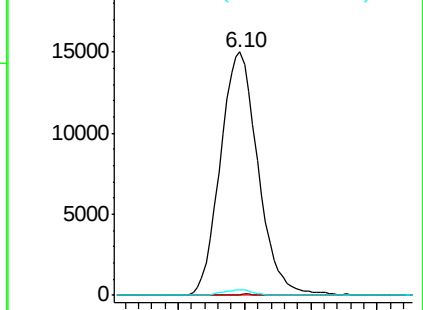
#35
Methvlcvclohexane
Concen: 8.991 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV018194.D
Acq: 11 Sep 2020 12:59

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tot Ion	83	Resp	29690
Ion Ratio	Lower	Upper	
83	100		
55	0.1	63.4	95.2#
98	1.7	38.8	58.2#

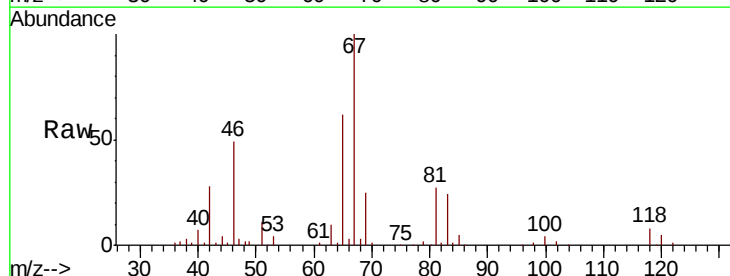


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

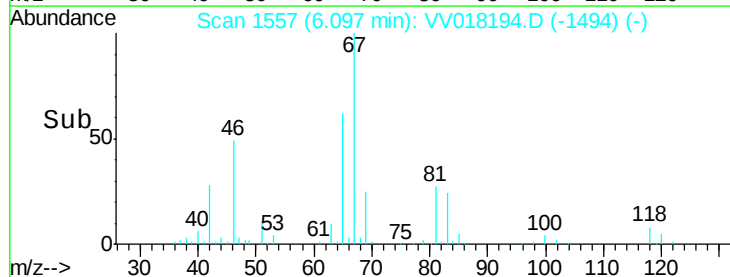
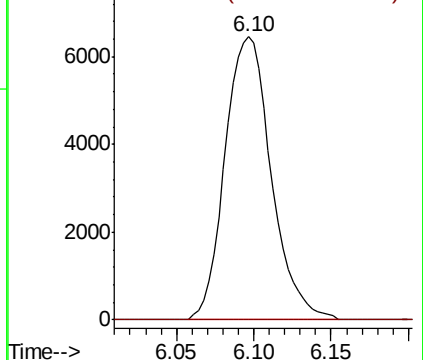


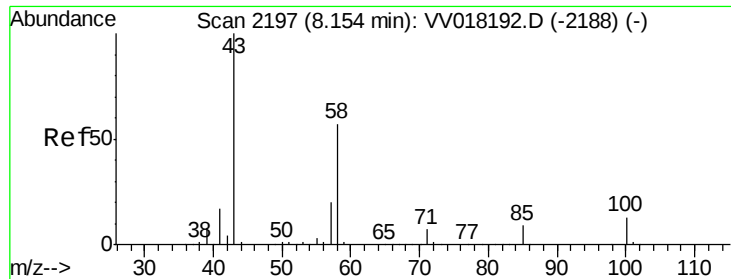
#37
1,2-Dichloropropane
Concen: 6.280 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV018194.D
Acq: 11 Sep 2020 12:59

Tgt Ion	63	Resp	13398
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

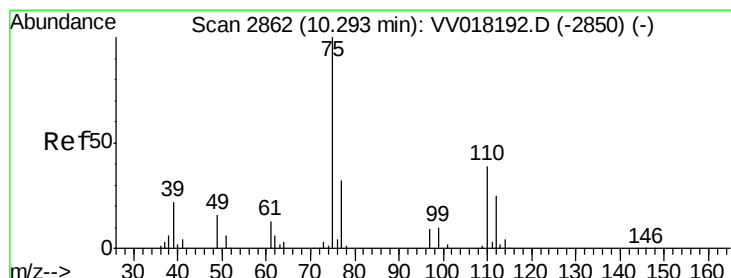
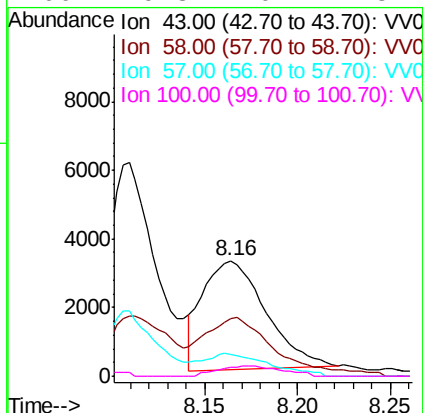
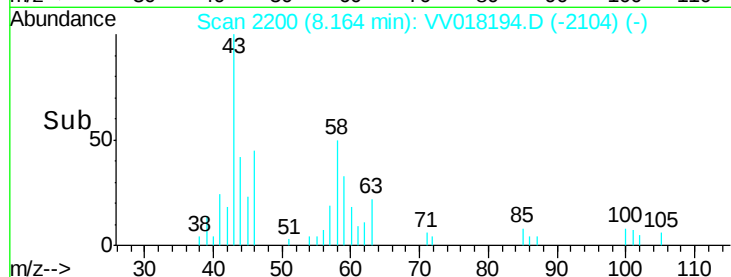
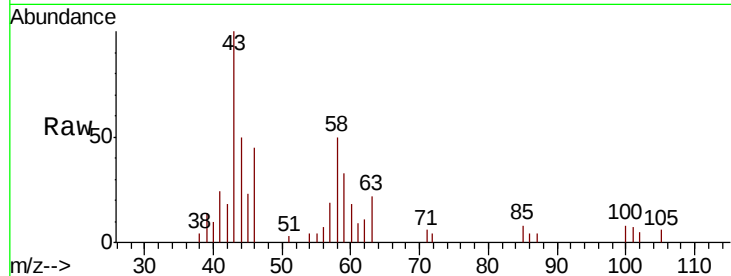




#48
 2-Hexanone
 Concen: 3.686 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018194.D
 Acq: 11 Sep 2020 12:59

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Tot Ion: 43 Resp: 7521
 Ion Ratio Lower Upper
 43 100
 58 62.8 44.8 67.2
 57 18.4 15.8 23.6
 100 9.3 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.559 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018194.D
 Acq: 11 Sep 2020 12:59

Tgt Ion: 75 Resp: 16458
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.8 38.6

