

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082120\
 Data File : VV018074.D
 Acq On : 21 Aug 2020 11:00
 Operator : SY/MD
 Sample : VV0821WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK90

Quant Time: Aug 22 00:06:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 22 00:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283748	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280057	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138454	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100057	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.44%
7) Chloroethane-d5	1.58	69	86209	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.34%
11) 1,1-Dichloroethene-d2	2.12	63	148087	35.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.52%
21) 2-Butanone-d5	3.91	46	121121	85.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.42%
24) Chloroform-d	4.38	84	179222	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	5.06	65	122382	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
32) Benzene-d6	5.08	84	365193	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
36) 1,2-Dichloropropane-d6	6.09	67	118323	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.78%
41) Toluene-d8	7.34	98	326981	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
43) trans-1,3-Dichloropropene-	7.64	79	54592	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.11	63	60676	74.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135081	41.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	134833	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

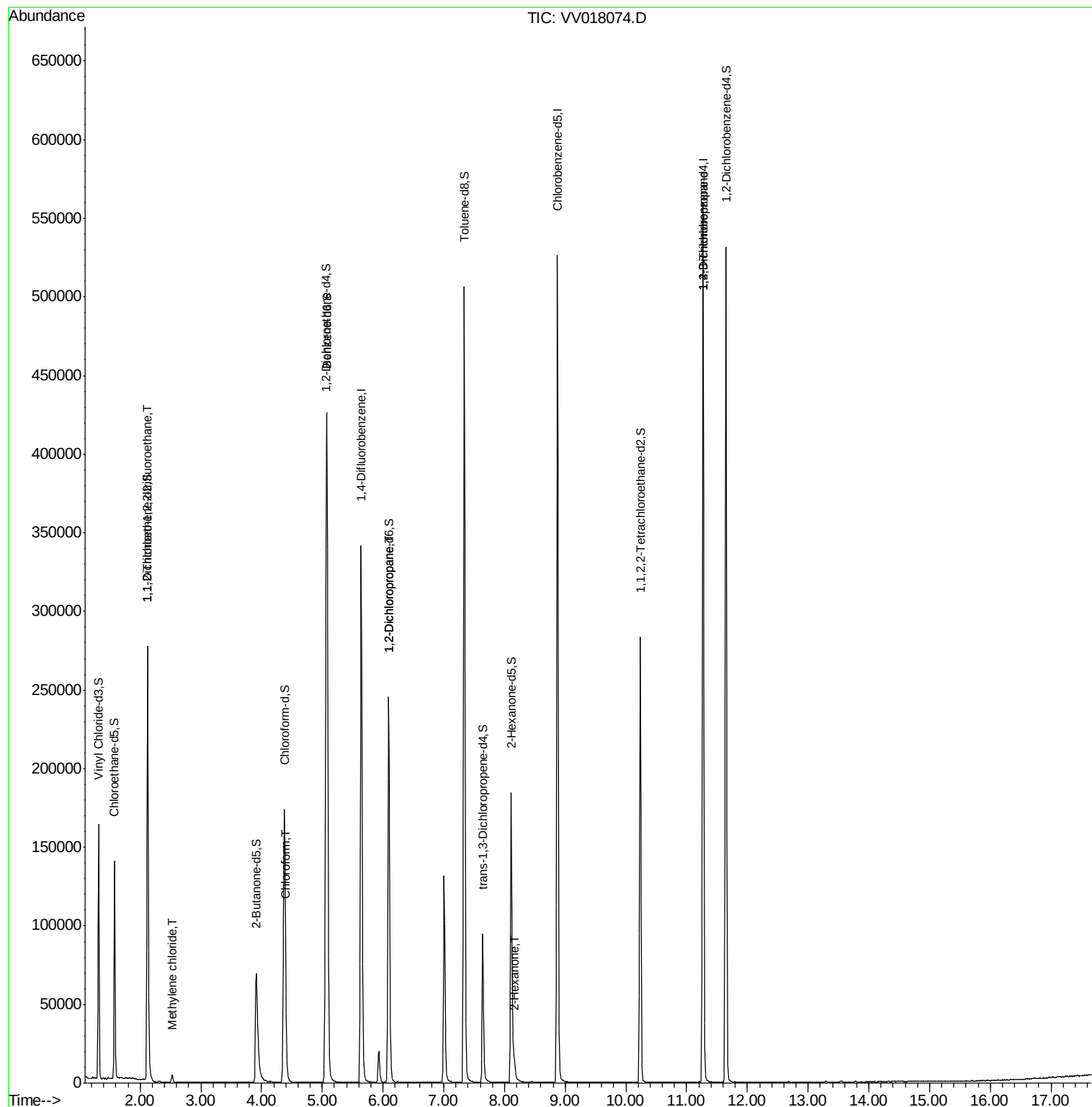
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1352	0.672 ug/L #	20
16) Methylene chloride	2.52	84	2031	0.838 ug/L	96
25) Chloroform	4.41	83	4721	1.177 ug/L	91
37) 1,2-Dichloropropane	6.09	63	13262	5.613 ug/L #	87
48) 2-Hexanone	8.16	43	7448	2.990 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	16937	5.804 ug/L	93

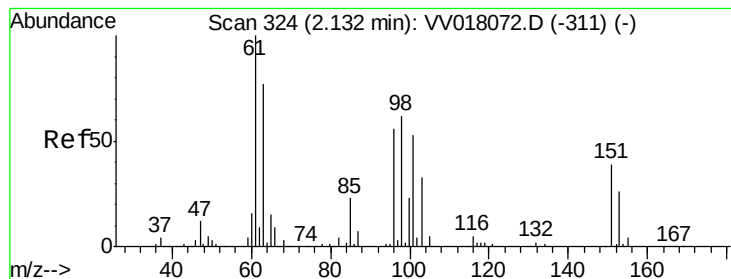
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 22 00:05:13 2020
Response via : Initial Calibration





#10

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

Concen: 0.672 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018074.D

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Instrument :

MSVOA_V

ClientSampleId :

VBLK90

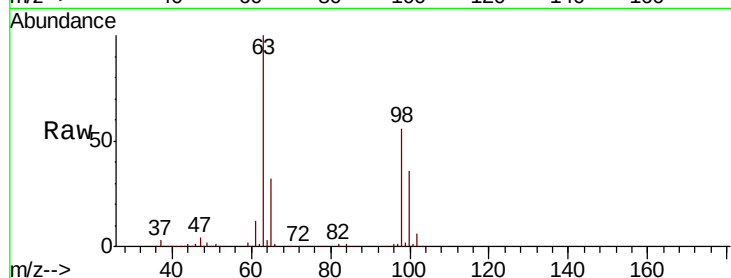
Tot Ion:101 Resp: 1352

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

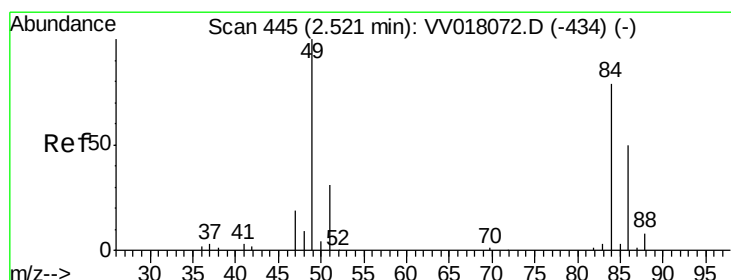
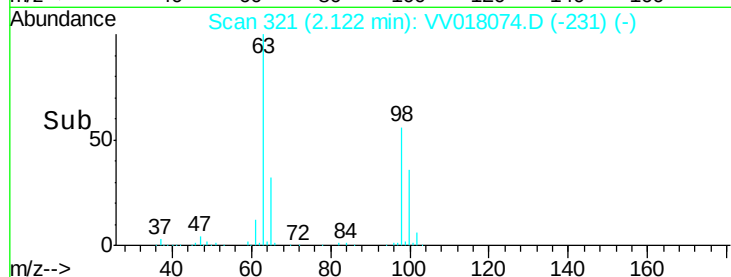
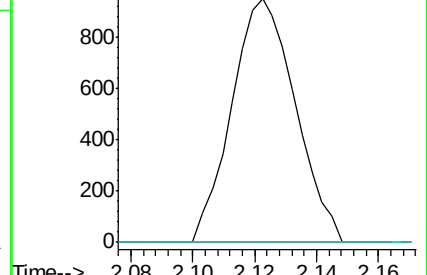
151 0.0 59.1 88.7#



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: 0.838 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV018074.D

Acq: 21 Aug 2020 11:00

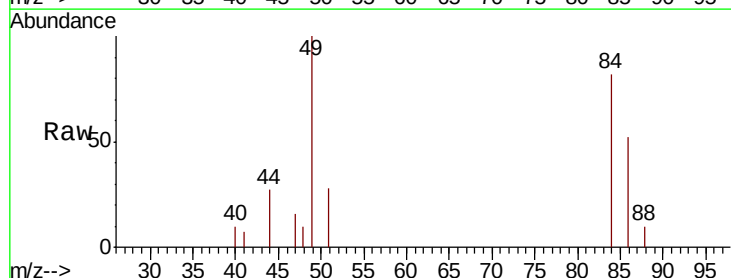
Tgt Ion: 84 Resp: 2031

Ion Ratio Lower Upper

84 100

86 64.0 46.3 85.9

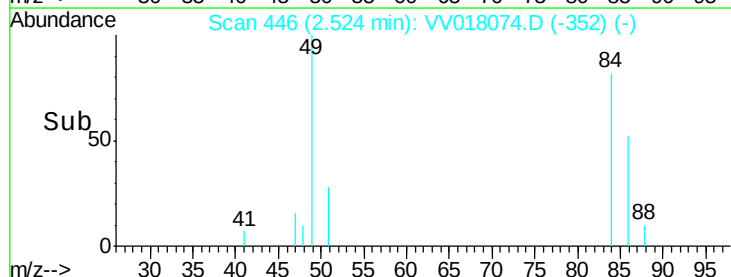
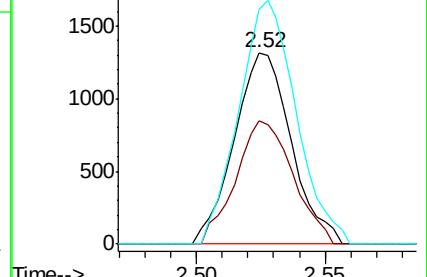
49 122.7 89.7 166.5

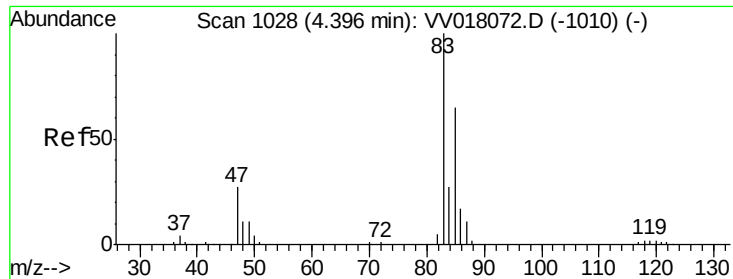


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

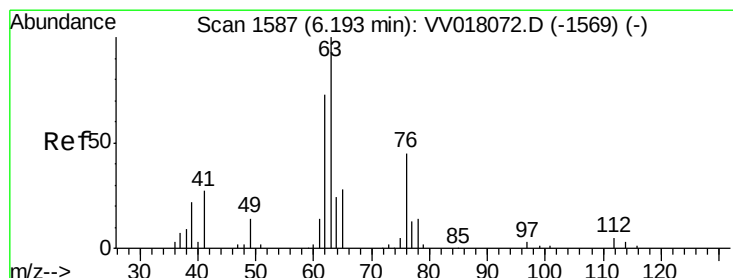
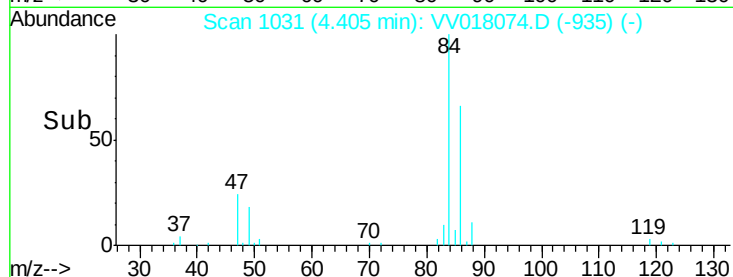
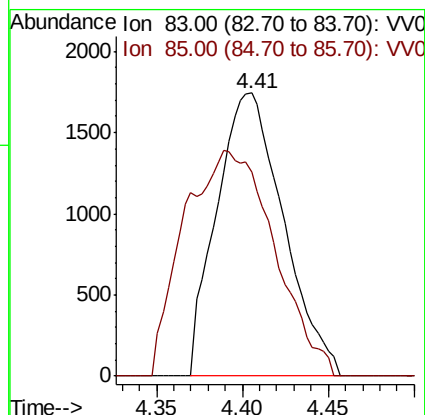
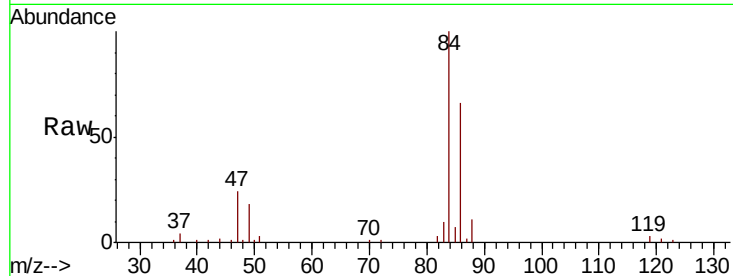




#25
Chloroform
Concen: 1.177 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018074.D
Acq: 21 Aug 2020 11:00

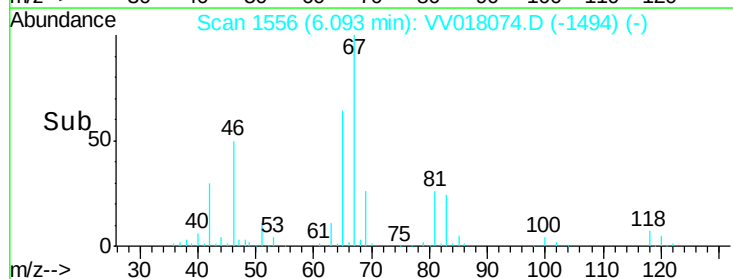
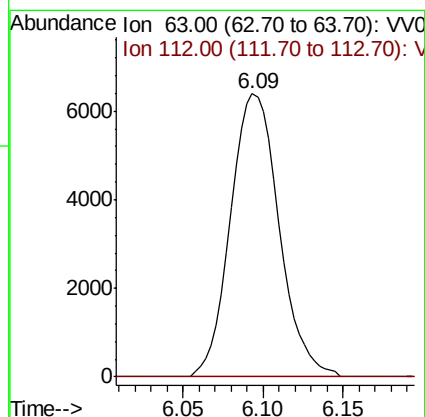
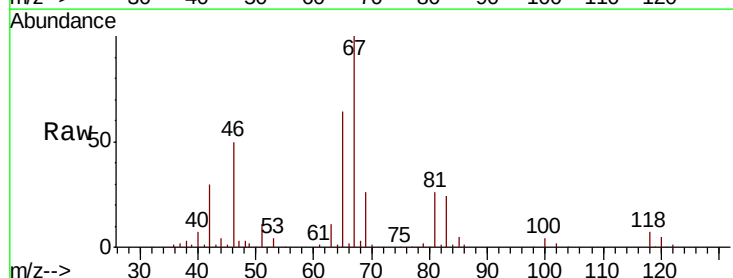
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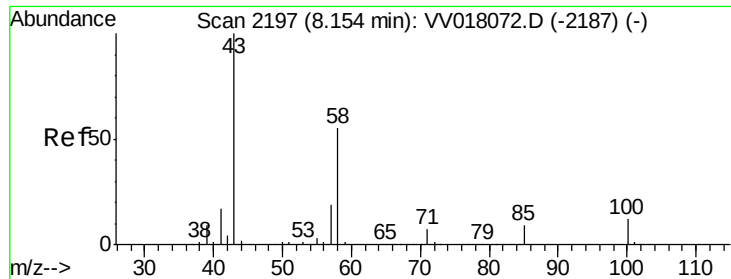
Tot Ion: 83 Resp: 4721
Ion Ratio Lower Upper
83 100
85 72.1 45.5 84.5



#37
1,2-Dichloropropane
Concen: 5.613 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018074.D
Acq: 21 Aug 2020 11:00

Tgt Ion: 63 Resp: 13262
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

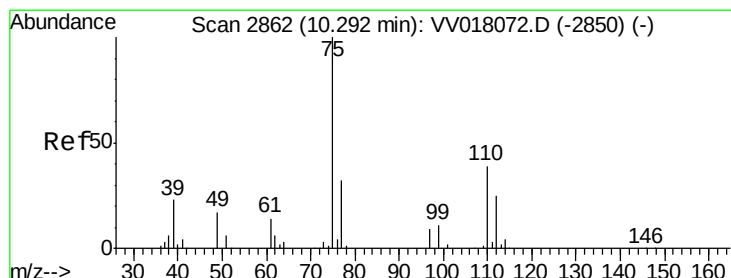
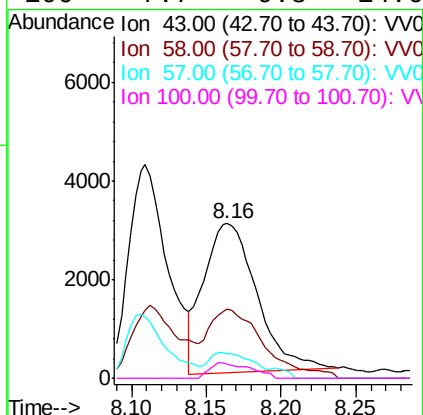
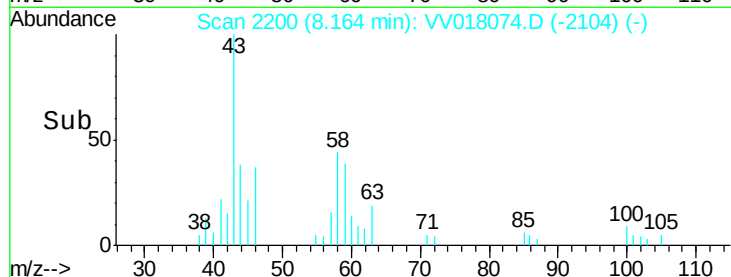
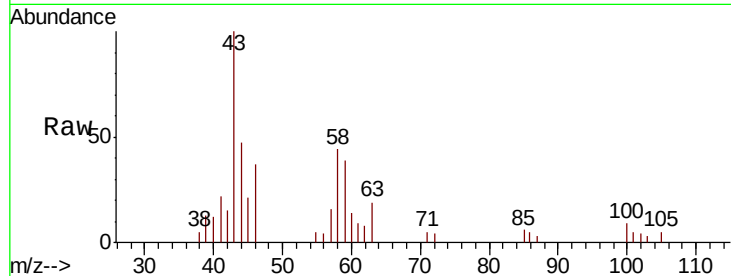




#48
2-Hexanone
Concen: 2.990 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018074.D
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Instrument :
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VBLK90

Tot Ion: 43 Resp: 7448
Ion Ratio Lower Upper
43 100
58 48.5 44.4 66.6
57 8.7 15.2 22.8#
100 7.7 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.804 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018074.D
Acq: 21 Aug 2020 11:00

Tgt Ion: 75 Resp: 16937
Ion Ratio Lower Upper
75 100
77 36.1 25.7 38.5

