

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019495.D
 Acq On : 07 Dec 2020 17:11
 Operator : SY/MD
 Sample : L4941-24
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Dec 08 03:06:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 03:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323654	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106479	52.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.70%
7) Chloroethane-d5	1.58	69	105503	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.22%
11) 1,1-Dichloroethene-d2	2.12	63	206183	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
21) 2-Butanone-d5	3.90	46	170596	110.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.75%
24) Chloroform-d	4.37	84	248967	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
26) 1,2-Dichloroethane-d4	5.05	65	174608	55.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.34%
32) Benzene-d6	5.07	84	487467	55.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.58%
36) 1,2-Dichloropropane-d6	6.09	67	166429	55.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.88%
41) Toluene-d8	7.33	98	409680	53.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.70%
43) trans-1,3-Dichloropropene-	7.64	79	73799	51.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.04%
47) 2-Hexanone-d5	8.10	63	88084	100.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.05%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	173311	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	145132	58.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.02%

Target Compounds

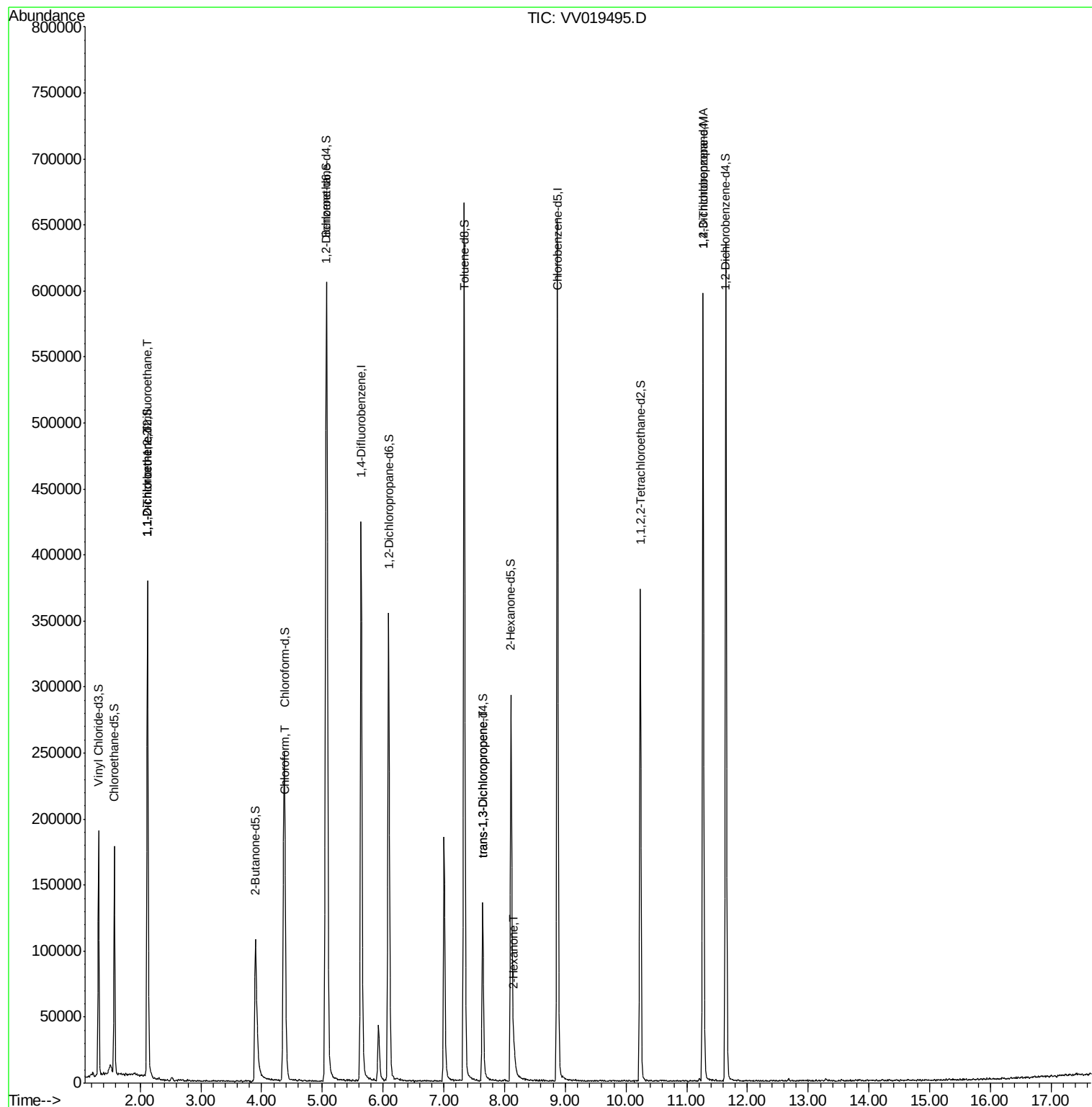
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1221	0.663 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	1623	0.940 ug/L #	1
25) Chloroform	4.40	83	4595	1.008 ug/L	76
44) trans-1,3-Dichloropropene	7.64	75	3582	0.943 ug/L	89
48) 2-Hexanone	8.16	43	12327	3.876 ug/L #	48
59) 1,2,3-Trichloropropane	11.27	75	20769	6.284 ug/L	92

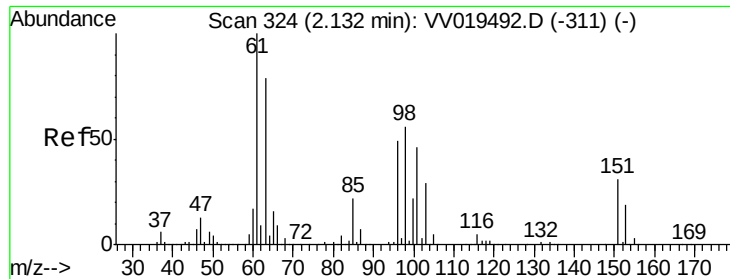
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 08 03:05:02 2020
Response via : Initial Calibration





#10

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

Concen: 0.663 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019495.D

Acq: 07 Dec 2020 17:11

Instrument :

MSVOA_V

ClientSampled :

VHBLK02

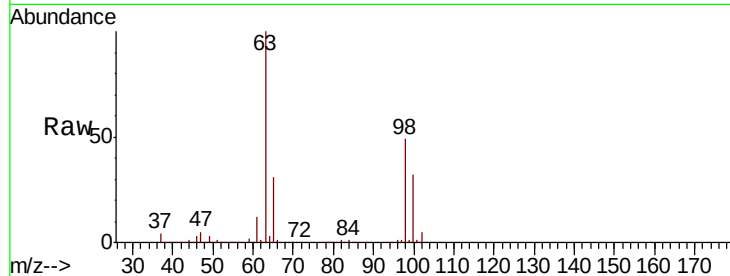
Tot Ion:101 Resp: 1221

Ion Ratio Lower Upper

101 100

85 7.2 37.3 55.9#

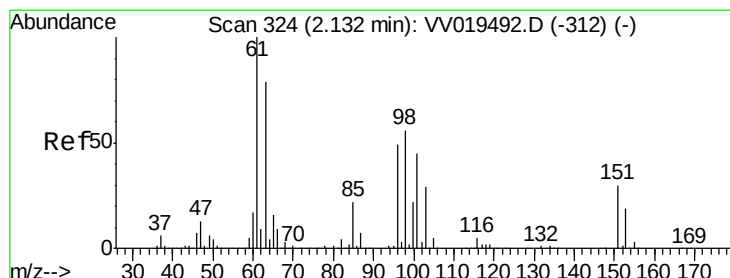
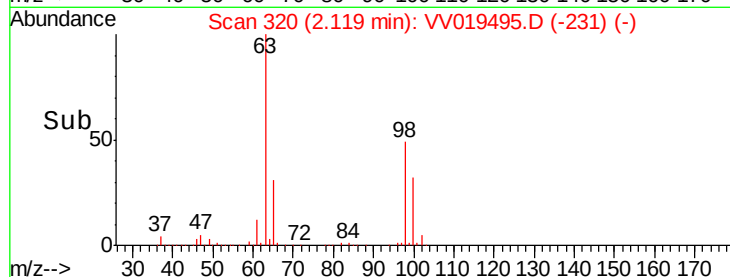
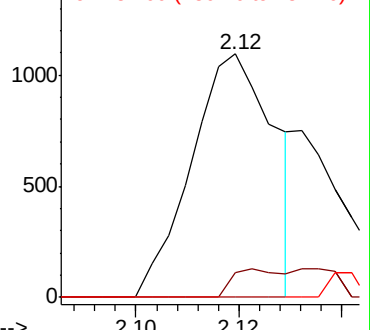
151 0.0 53.3 79.9#



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



#12

1,1-Dichloroethene

Concen: 0.940 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019495.D

Acq: 07 Dec 2020 17:11

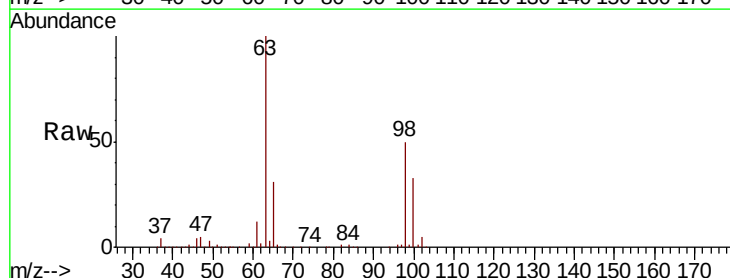
Tgt Ion: 96 Resp: 1623

Ion Ratio Lower Upper

96 100

61 1696.7 144.8 268.8#

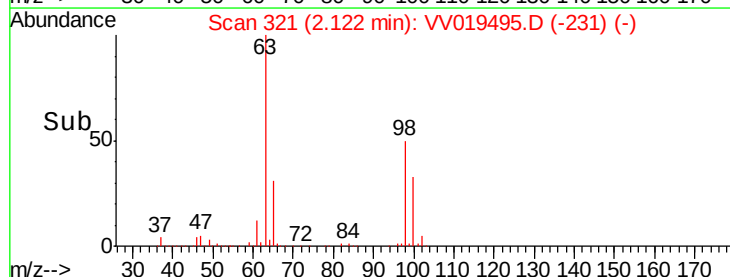
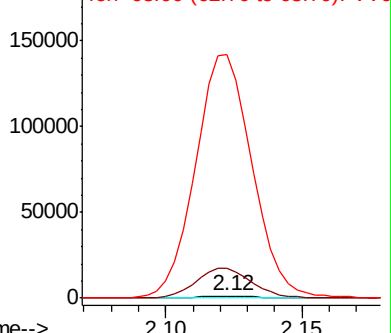
63 13734.6 110.0 204.2#

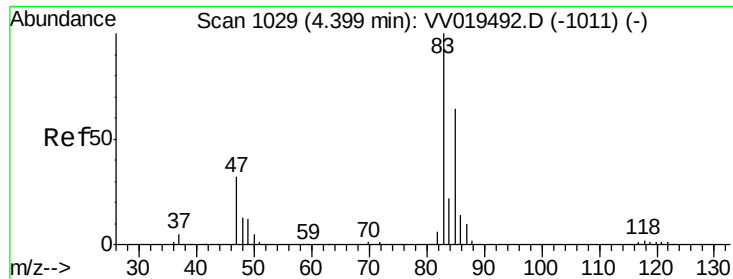


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

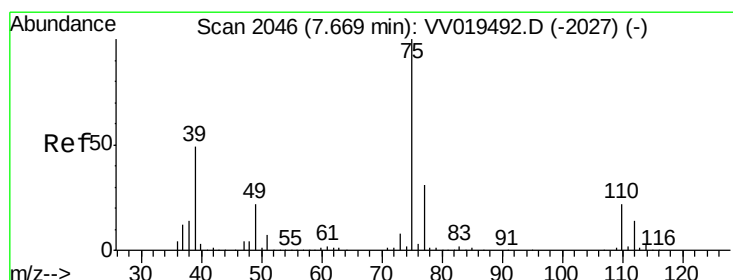
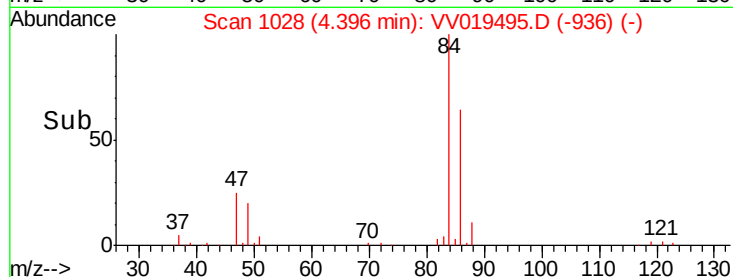
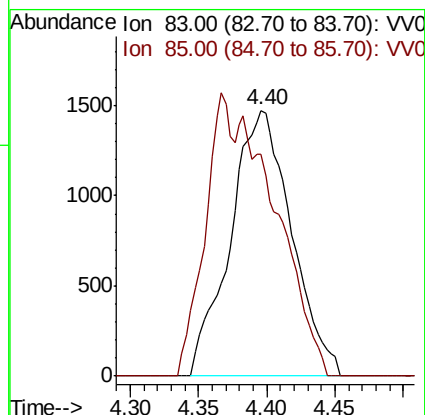
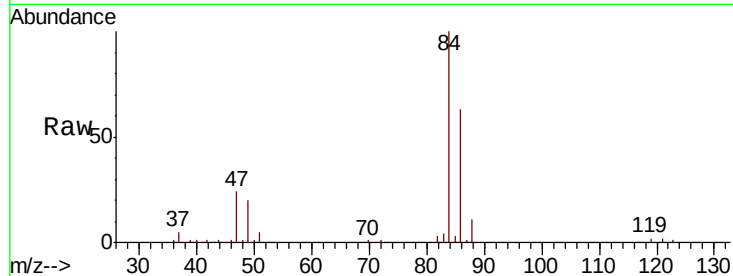




#25
Chloroform
Concen: 1.008 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV019495.D
Acq: 07 Dec 2020 17:11

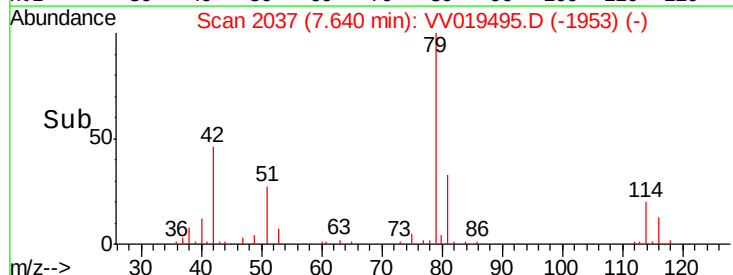
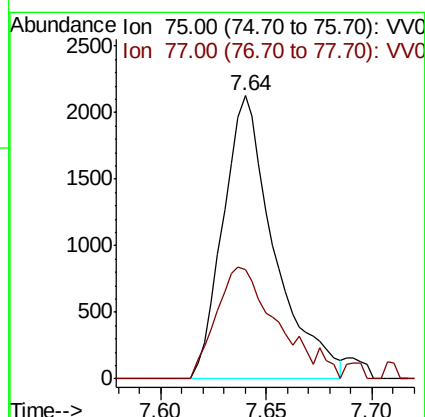
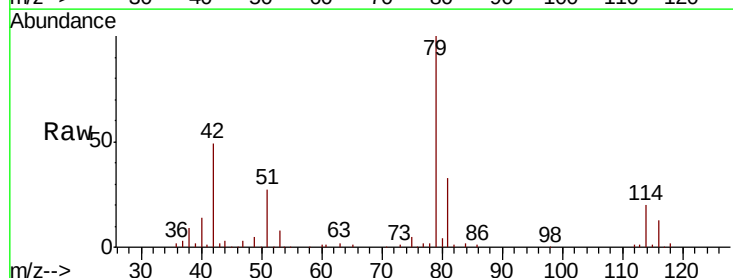
Instrument :
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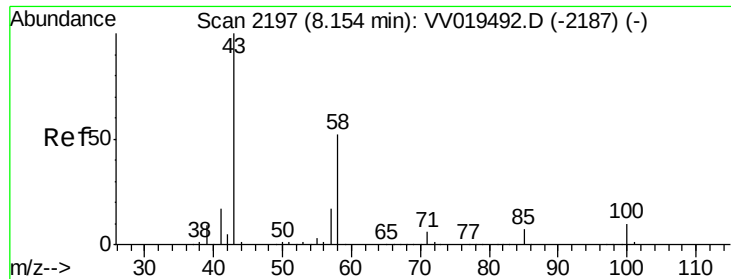
Tot Ion: 83 Resp: 4595
Ion Ratio Lower Upper
83 100
85 83.4 45.4 84.2



#44
trans-1,3-Dichloropropene
Concen: 0.943 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV019495.D
Acq: 07 Dec 2020 17:11

Tgt Ion: 75 Resp: 3582
Ion Ratio Lower Upper
75 100
77 38.5 22.7 42.1

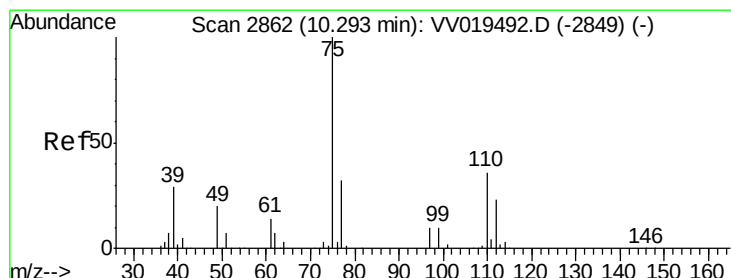
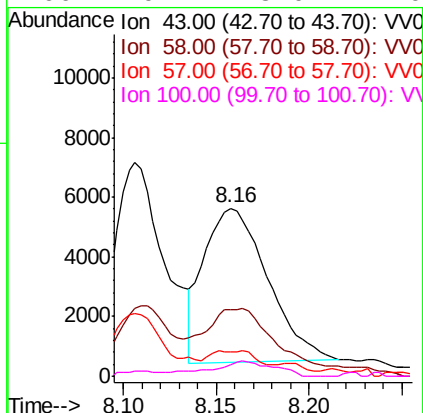
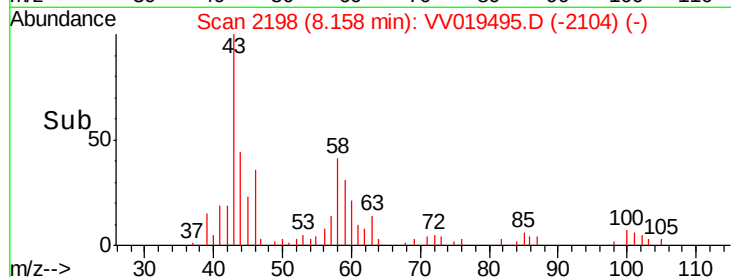
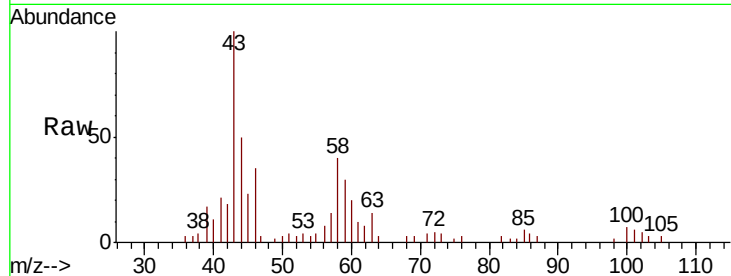




#48
2-Hexanone
Concen: 3.876 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019495.D
Acq: 07 Dec 2020 17:11

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VHBLK02

Tot Ion:	43	Resp:	12327
Ion	Ratio	Lower	Upper
43	100		
58	4.3	41.0	61.6#
57	1.8	14.2	21.2#
100	9.7	8.0	12.0



#59
1,2,3-Trichloropropane
Concen: 6.284 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV019495.D
Acq: 07 Dec 2020 17:11

Tgt Ion:	75	Resp:	20769
Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.5	38.3

