

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018704.D
 Acq On : 06 Oct 2020 21:35
 Operator : SY/MD
 Sample : L4287-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:24:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	314770	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82841	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.74%
7) Chloroethane-d5	1.58	69	71919	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.24%
11) 1,1-Dichloroethene-d2	2.12	63	130356	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	3.92	46	130868	95.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	4.38	84	183666	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
26) 1,2-Dichloroethane-d4	5.06	65	126864	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
32) Benzene-d6	5.07	84	366117	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.56%
36) 1,2-Dichloropropane-d6	6.09	67	94881	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.26%
41) Toluene-d8	7.34	98	278090	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	7.64	79	46510	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.72%
47) 2-Hexanone-d5	8.11	63	50631	64.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	92598	33.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	113060	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%

Target Compounds

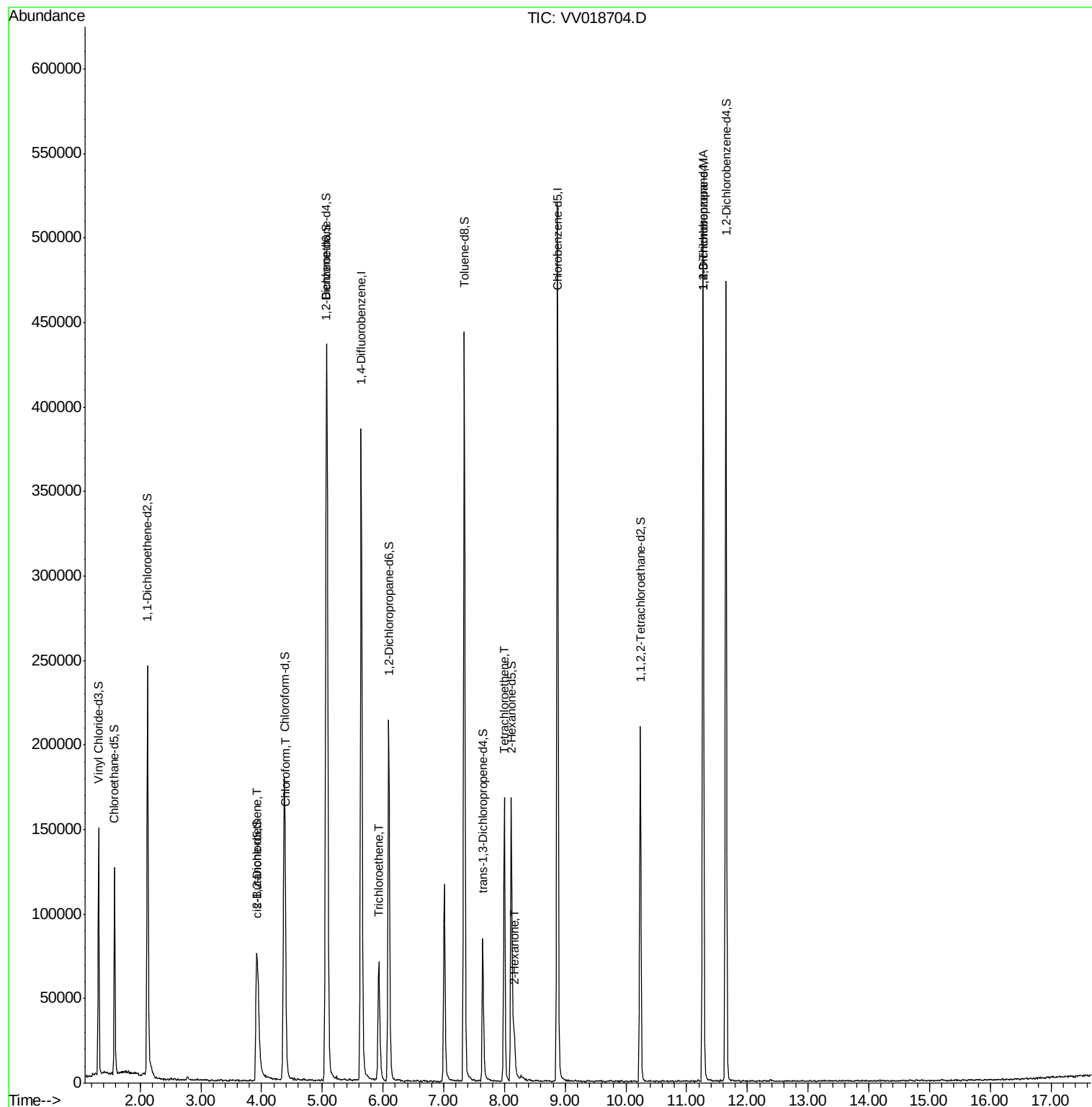
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	10656	4.459 ug/L	95
25) Chloroform	4.40	83	3755	0.903 ug/L	76
34) Trichloroethene	5.94	95	8897	3.881 ug/L	97
46) Tetrachloroethene	8.00	164	34880	18.756 ug/L	94
48) 2-Hexanone	8.16	43	16269	7.977 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	15246	6.187 ug/L	94

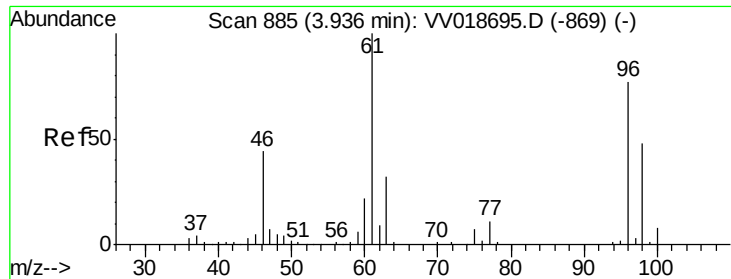
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration

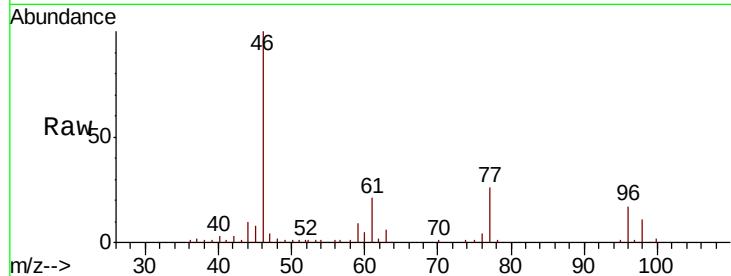




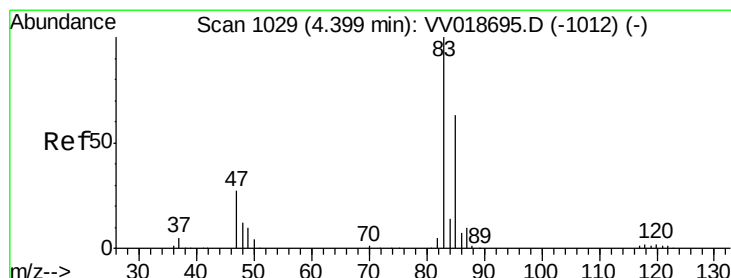
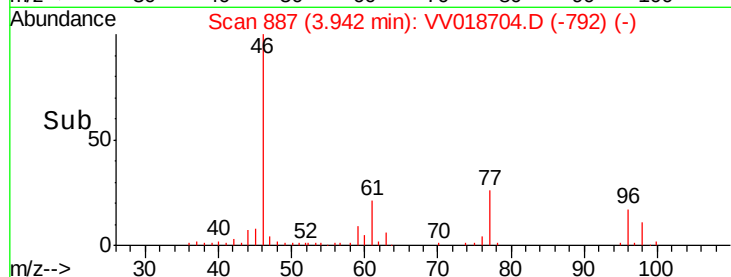
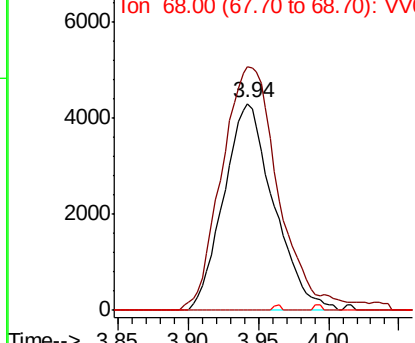
#20
 cis-1,2-Dichloroethene
 Concen: 4.459 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018704.D
 Acq: 06 Oct 2020 21:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 10656
 Ion Ratio Lower Upper
 96 100
 61 117.8 86.8 161.2
 68 0.0 0.0 0.0

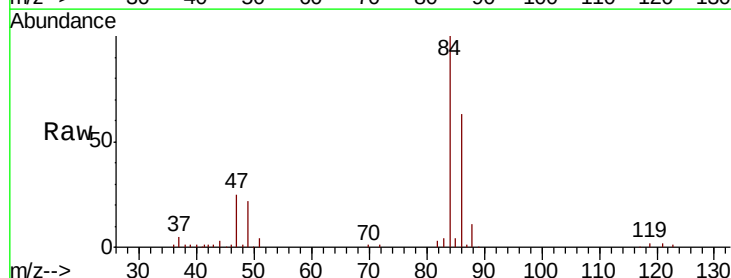


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

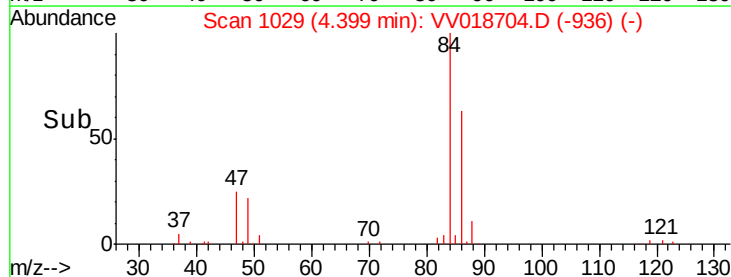
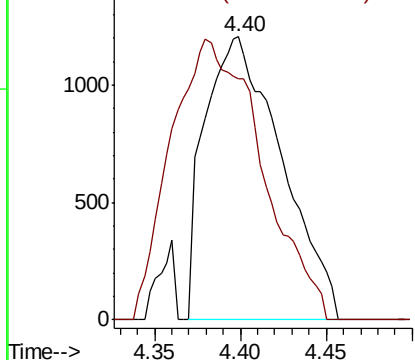


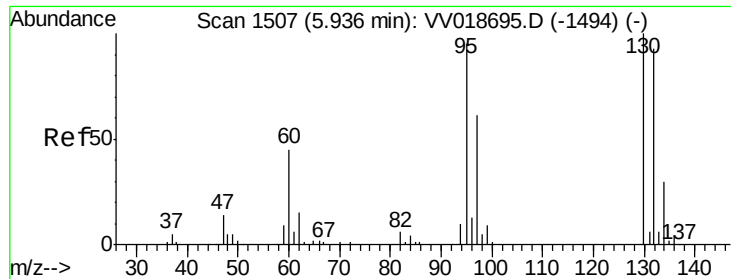
#25
 Chloroform
 Concen: 0.903 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV018704.D
 Acq: 06 Oct 2020 21:35

Tgt Ion: 83 Resp: 3755
 Ion Ratio Lower Upper
 83 100
 85 85.0 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0

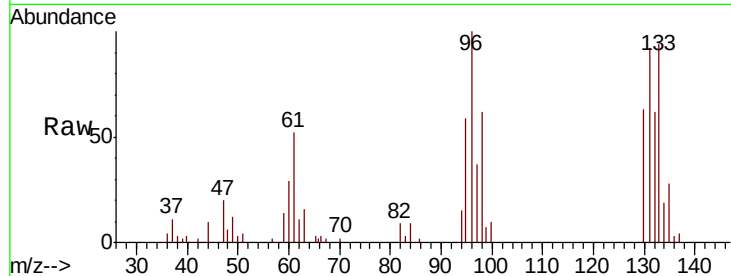




#34
 Trichloroethene
 Concen: 3.881 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018704.D
 Acq: 06 Oct 2020 21:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 8897
 Ion Ratio Lower Upper
 95 100
 97 62.8 45.9 85.3
 132 105.9 70.8 131.4
 130 107.2 75.3 139.8



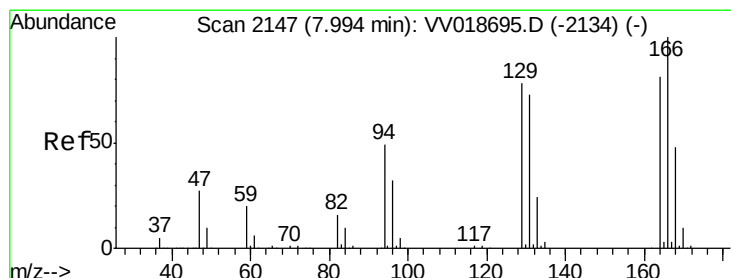
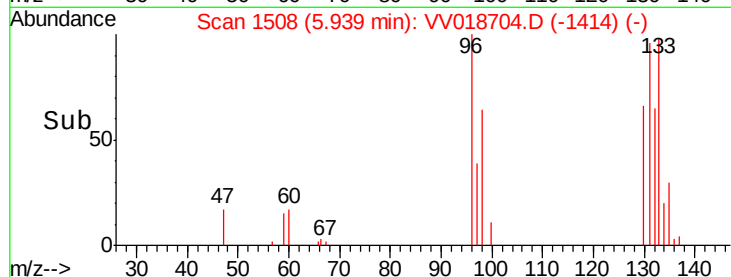
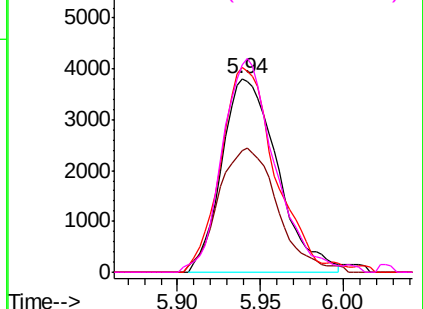
Abundance

Ion 95.00 (94.70 to 95.70): VV018695.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018695.D (-1494) (-)

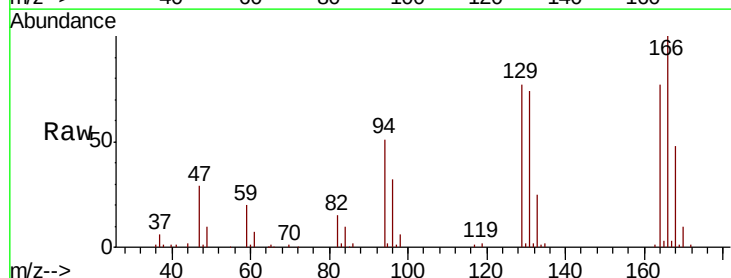
Ion 132.00 (131.70 to 132.70): VV018695.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018695.D (-1494) (-)



#46
 Tetrachloroethene
 Concen: 18.756 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018704.D
 Acq: 06 Oct 2020 21:35

Tgt Ion: 164 Resp: 34880
 Ion Ratio Lower Upper
 164 100
 129 98.9 62.8 116.6
 131 95.5 60.8 112.8
 166 129.0 88.9 165.1



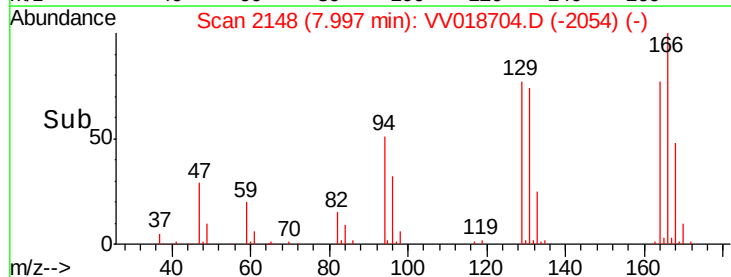
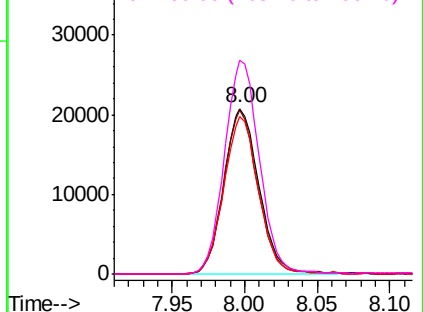
Abundance

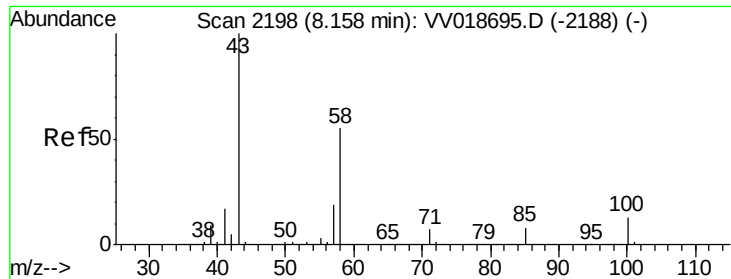
Ion 164.00 (163.70 to 164.70): VV018695.D (-2134) (-)

Ion 129.00 (128.70 to 129.70): VV018695.D (-2134) (-)

Ion 131.00 (130.70 to 131.70): VV018695.D (-2134) (-)

Ion 166.00 (165.70 to 166.70): VV018695.D (-2134) (-)





#48

2-Hexanone

Concen: 7.977 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018704.D

Acq: 06 Oct 2020 21:35

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 16269

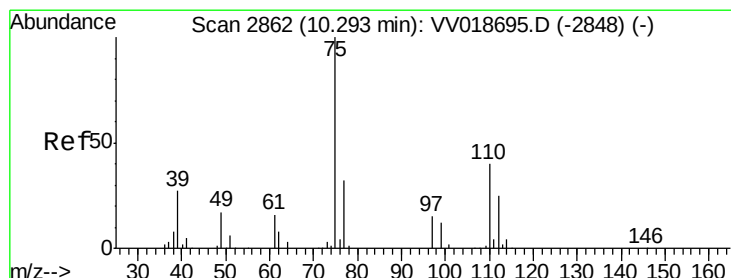
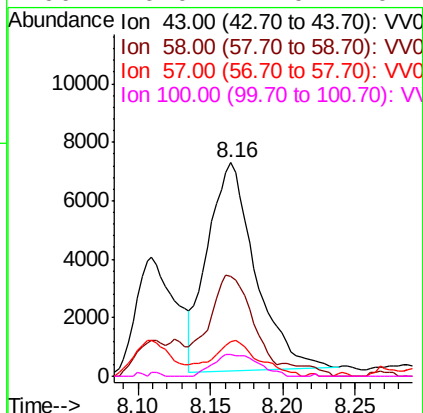
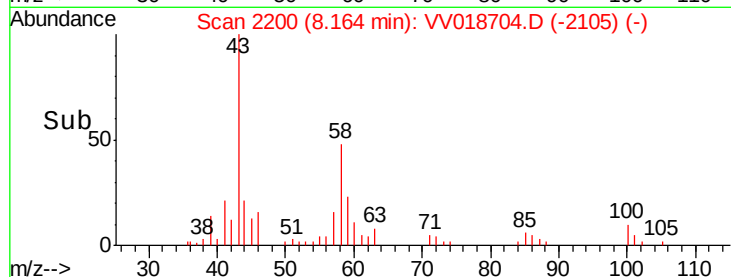
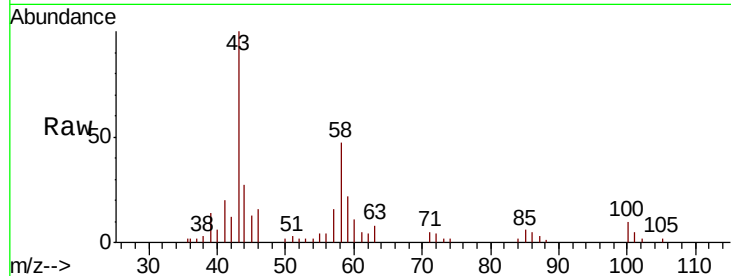
Ion Ratio Lower Upper

43 100

58 38.1 45.1 67.7#

57 8.4 15.7 23.5#

100 6.0 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 6.187 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018704.D

Acq: 06 Oct 2020 21:35

Tgt Ion: 75 Resp: 15246

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.0

