

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018977.D
 Acq On : 19 Oct 2020 17:57
 Operator : SY/MD
 Sample : L4426-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG406

Quant Time: Oct 20 01:08:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 01:05:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	321675	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103960	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.52%
7) Chloroethane-d5	1.58	69	95600	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.14%
11) 1,1-Dichloroethene-d2	2.12	63	164781	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.94%
21) 2-Butanone-d5	3.91	46	161385	87.44	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.44%
24) Chloroform-d	4.38	84	214338	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
26) 1,2-Dichloroethane-d4	5.06	65	150884	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.07	84	421953	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.09	67	140525	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.50%
41) Toluene-d8	7.34	98	358450	42.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.64	79	60847	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.82%
47) 2-Hexanone-d5	8.11	63	80730	72.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134638	38.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	142240	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

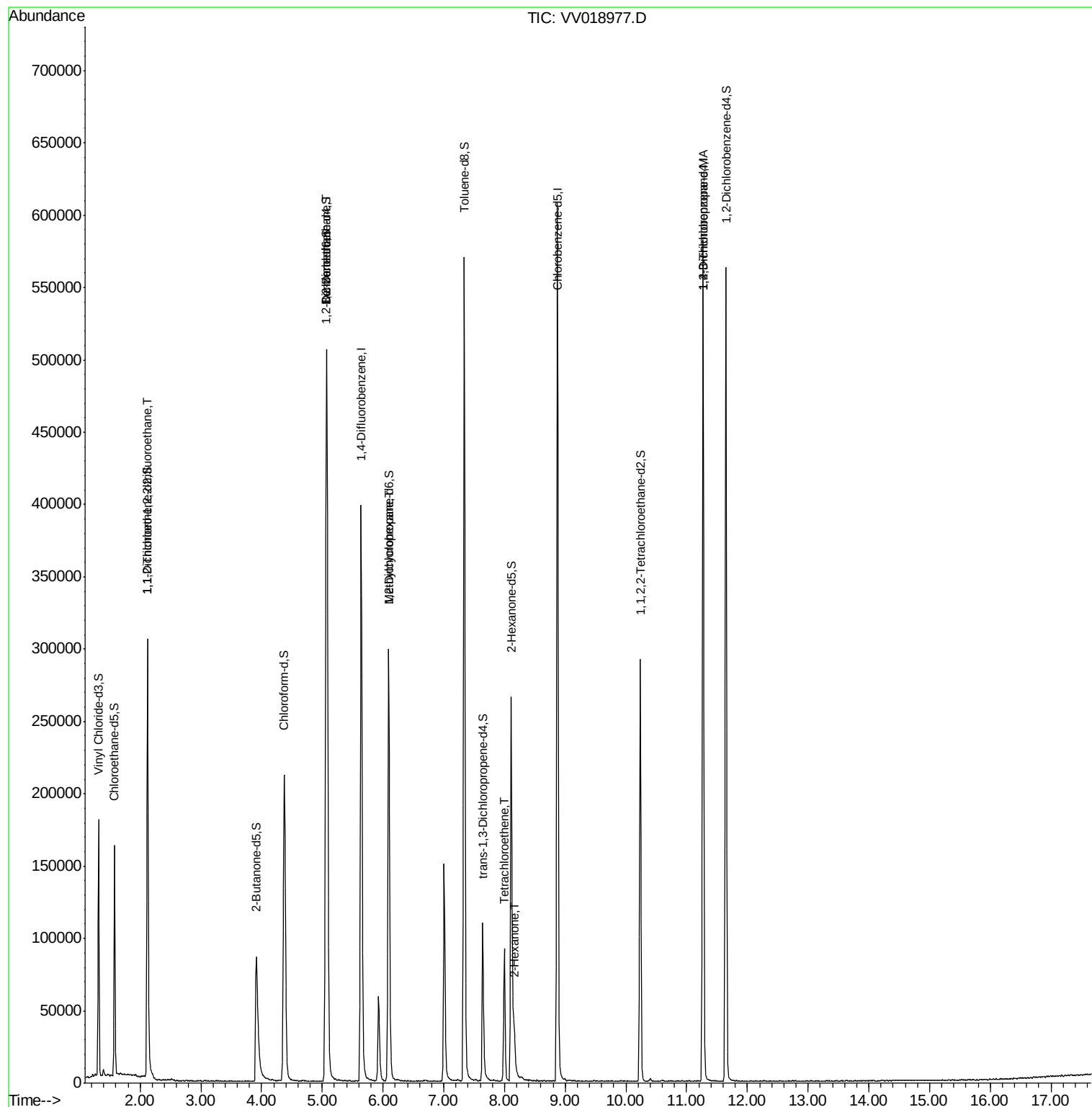
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1416	0.679 ug/L #	21
27) 1,2-Dichloroethane	5.07	62	2725	0.726 ug/L	97
35) Methylcyclohexane	6.09	83	32965	9.561 ug/L #	15
46) Tetrachloroethene	8.00	164	21335	10.633 ug/L	94
48) 2-Hexanone	8.16	43	21320	7.378 ug/L #	89
59) 1,2,3-Trichloropropane	11.27	75	17190	5.373 ug/L #	88

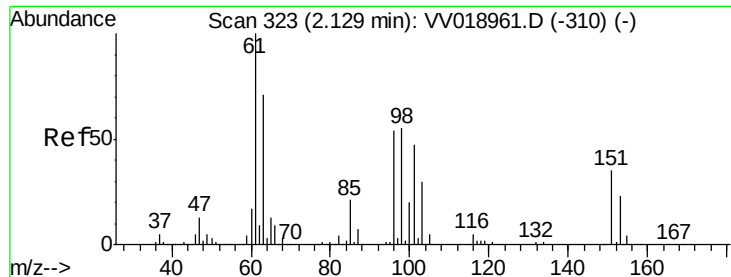
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 20 01:05:12 2020
Response via : Initial Calibration





#10

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

Concen: 0.679 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018977.D

Acq: 19 Oct 2020 17:57

Instrument :

MSVOA_V

ClientSampled :

BG406

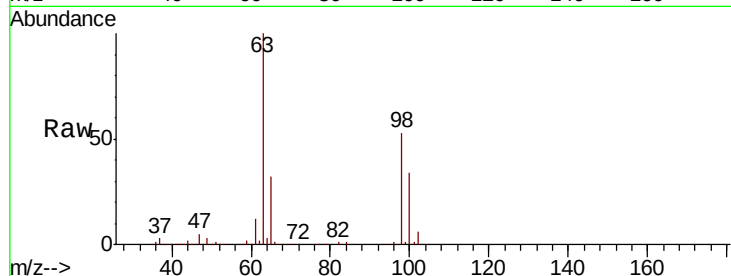
Tot Ion:101 Resp: 1416

Ion Ratio Lower Upper

101 100

85 2.8 35.0 52.4#

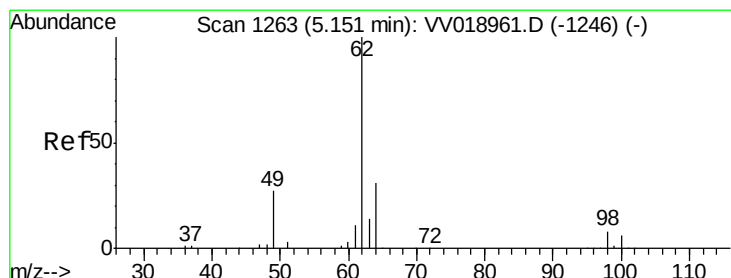
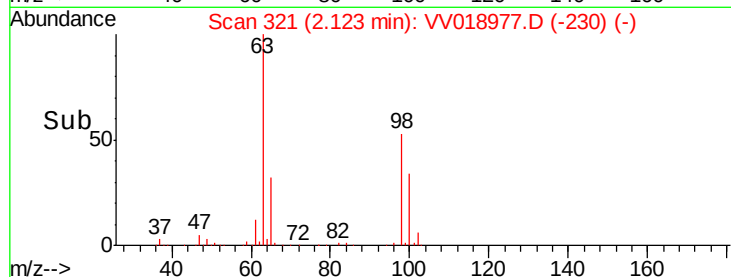
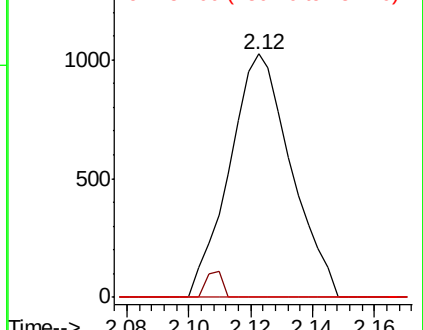
151 0.0 59.7 89.5#



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



#27

1,2-Dichloroethane

Concen: 0.726 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018977.D

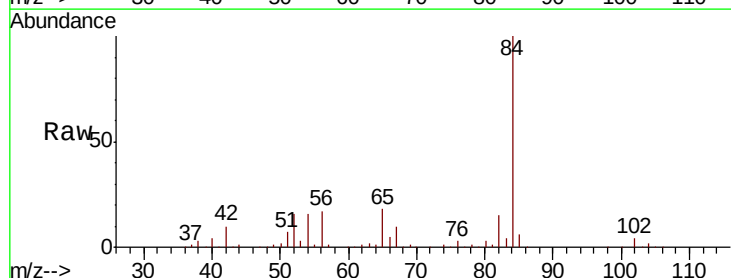
Acq: 19 Oct 2020 17:57

Tgt Ion: 62 Resp: 2725

Ion Ratio Lower Upper

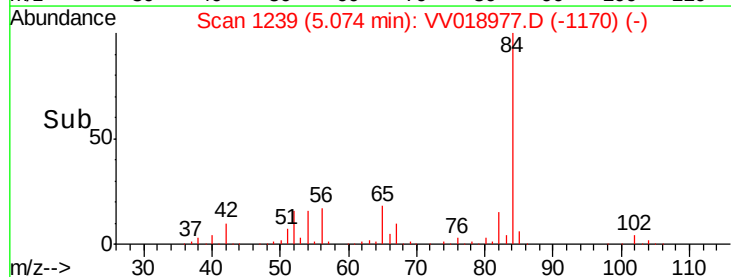
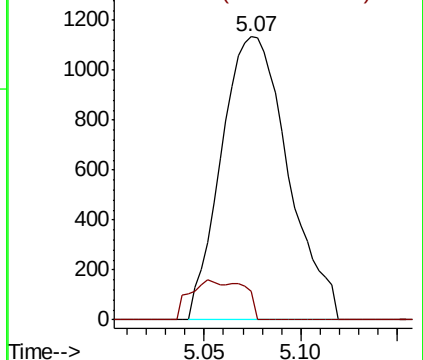
62 100

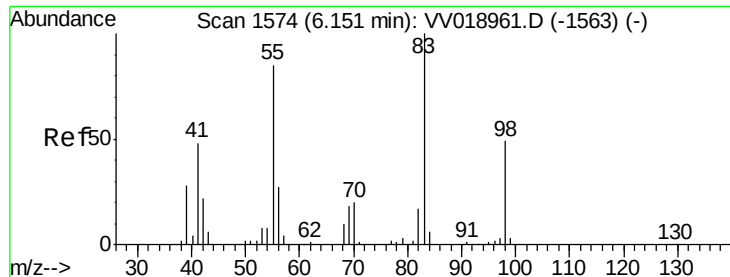
98 10.0 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

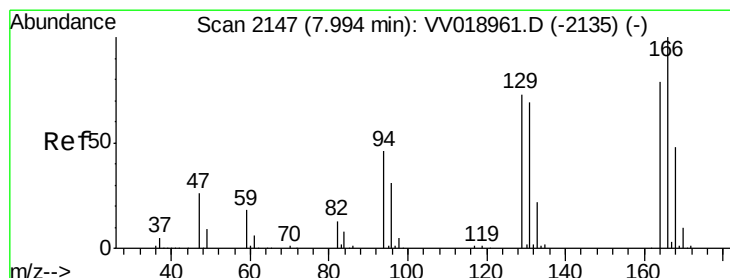
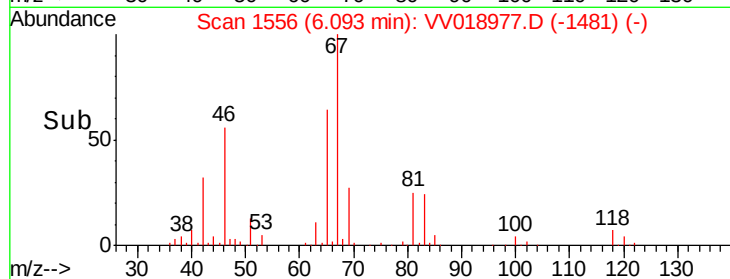
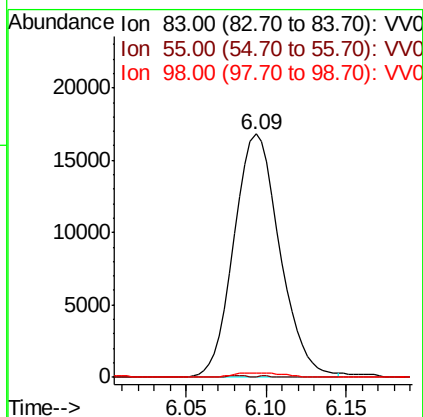
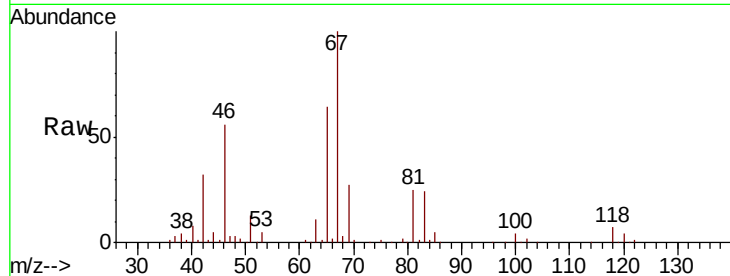




#35
Methylvlcyclohexane
Concen: 9.561 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018977.D
Acq: 19 Oct 2020 17:57

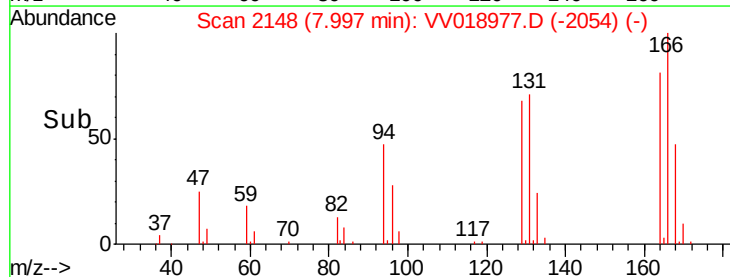
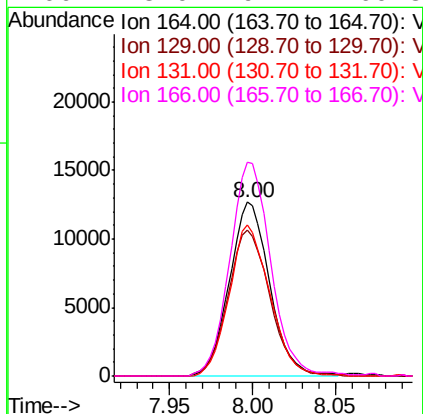
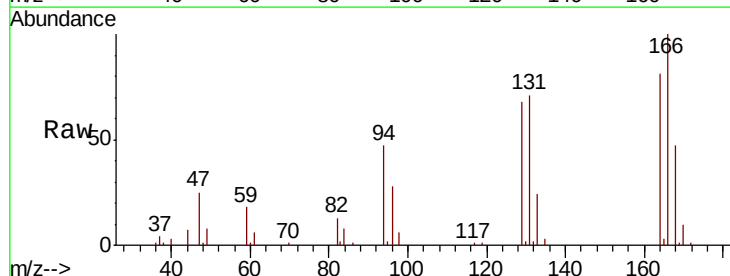
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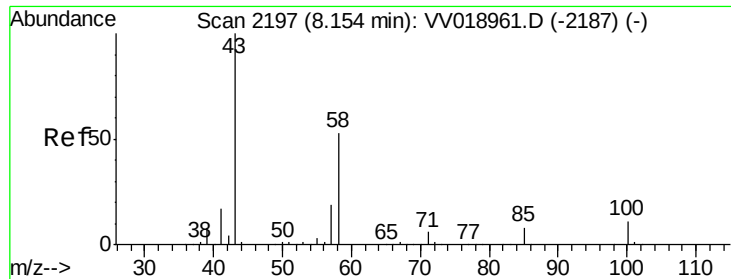
Tot Ion: 83 Resp: 32965
Ion Ratio Lower Upper
83 100
55 0.2 67.3 100.9#
98 0.0 37.9 56.9#



#46
Tetrachloroethene
Concen: 10.633 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018977.D
Acq: 19 Oct 2020 17:57

Tgt Ion: 164 Resp: 21335
Ion Ratio Lower Upper
164 100
129 83.7 65.0 120.8
131 87.1 62.9 116.7
166 123.0 91.1 169.3

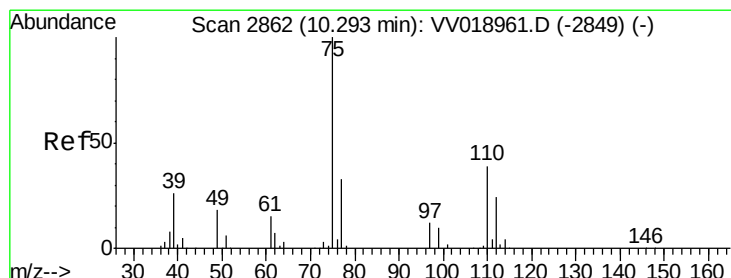
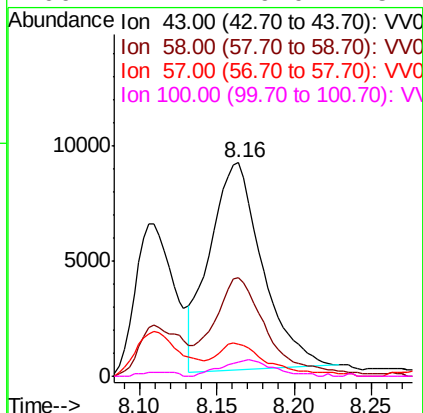
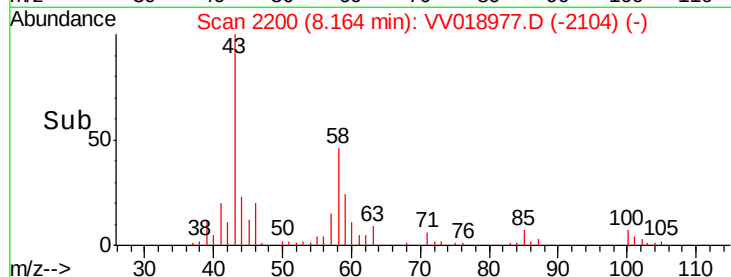
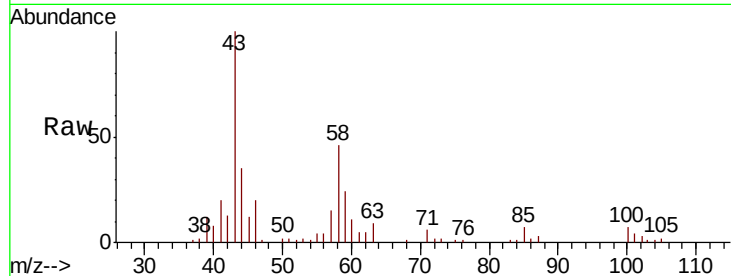




#48
 2-Hexanone
 Concen: 7.378 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018977.D
 Acq: 19 Oct 2020 17:57

Instrument :
 MSVOA_V
 ClientSampleId :
 BG406

Tot Ion: 43 Resp: 21320
 Ion Ratio Lower Upper
 43 100
 58 45.4 42.5 63.7
 57 12.7 14.5 21.7#
 100 7.7 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.373 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018977.D
 Acq: 19 Oct 2020 17:57

Tgt Ion: 75 Resp: 17190
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.4 38.2#

