

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018976.D
 Acq On : 19 Oct 2020 17:33
 Operator : SY/MD
 Sample : L4426-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG405

Quant Time: Oct 20 01:08:15 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	294407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140213	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101590	41.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.84%
7) Chloroethane-d5	1.58	69	92427	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.28%
11) 1,1-Dichloroethene-d2	2.12	63	163927	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	3.92	46	153827	91.06	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.06%
24) Chloroform-d	4.38	84	195830	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.06	65	139443	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.08	84	384260	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
36) 1,2-Dichloropropane-d6	6.09	67	125703	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.88%
41) Toluene-d8	7.34	98	334677	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	7.64	79	58004	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.78%
47) 2-Hexanone-d5	8.11	63	76115	74.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	121074	37.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	139395	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%

Target Compounds

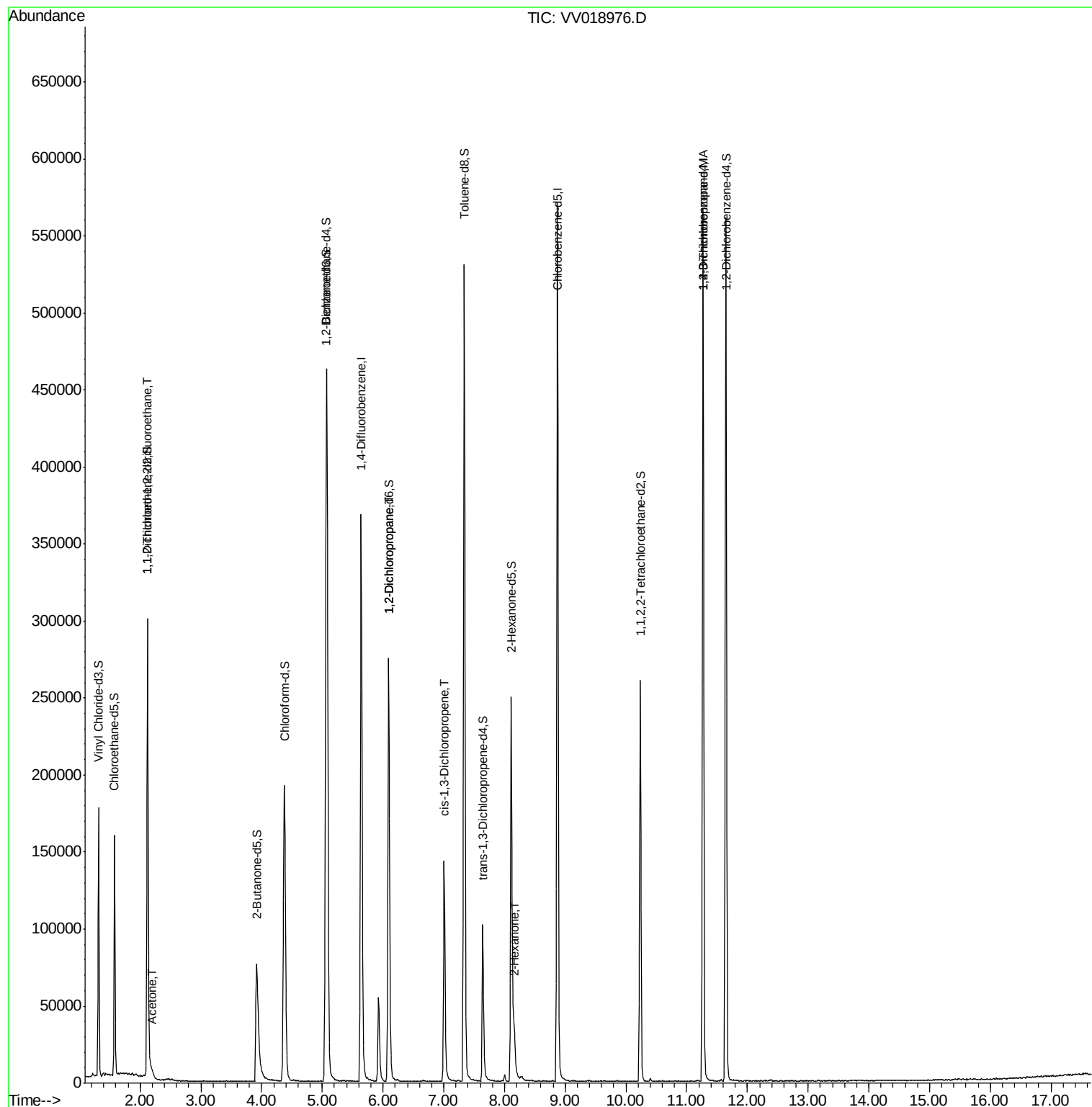
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1352	0.708 ug/L #	20
13) Acetone	2.20	43	5791	4.692 ug/L	88
37) 1,2-Dichloropropane	6.09	63	14774	6.074 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3928	1.075 ug/L #	76
48) 2-Hexanone	8.16	43	19919	7.490 ug/L #	92
59) 1,2,3-Trichloropropane	11.27	75	16266	5.525 ug/L	89

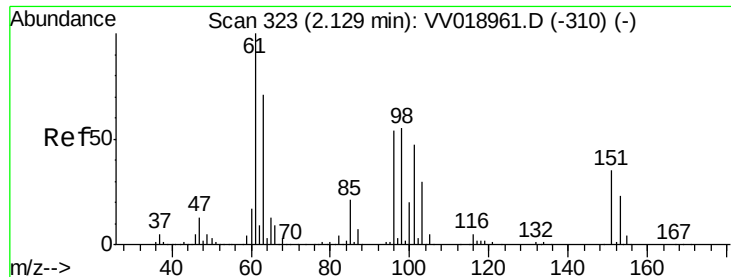
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.708 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018976.D

Acq: 19 Oct 2020 17:33

Instrument :

MSVOA_V

ClientSampled :

BG405

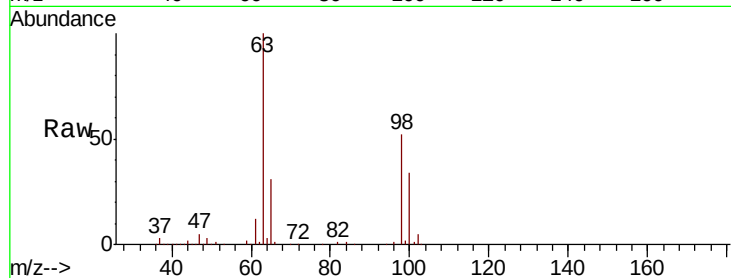
Tot Ion:101 Resp: 1352

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

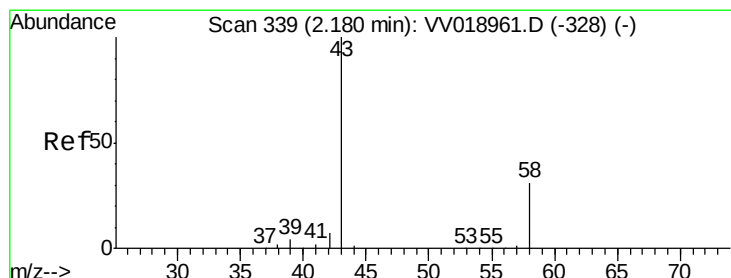
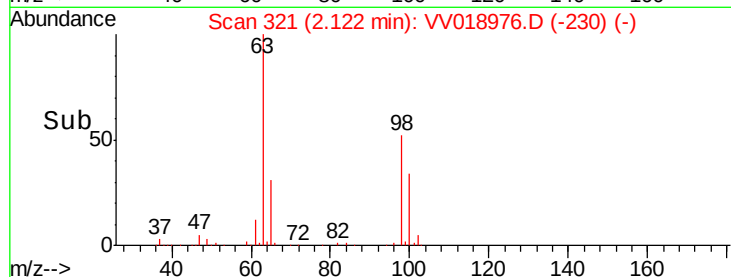
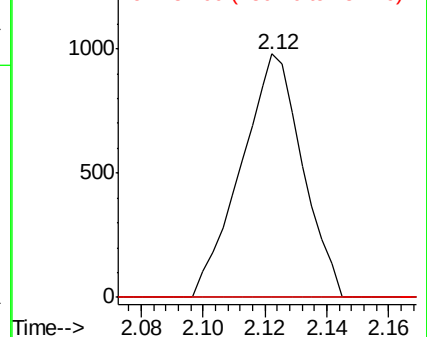
151 0.0 59.7 89.5#



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



#13

Acetone

Concen: 4.692 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

Lab File: VV018976.D

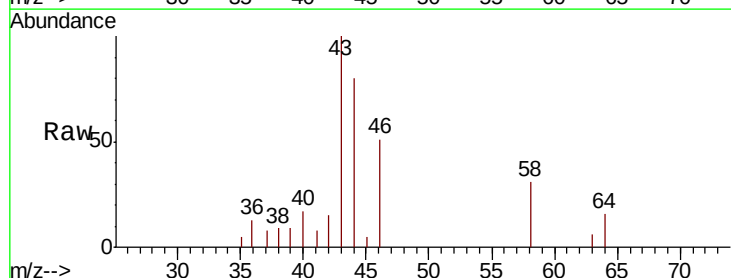
Acq: 19 Oct 2020 17:33

Tgt Ion: 43 Resp: 5791

Ion Ratio Lower Upper

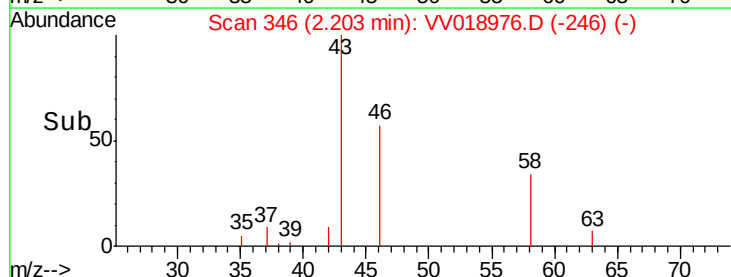
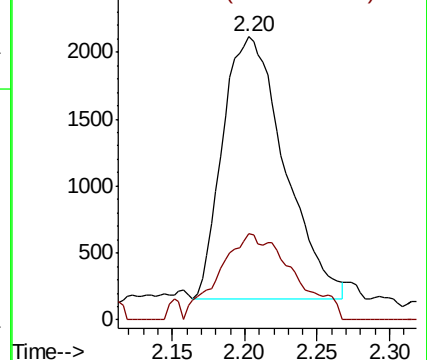
43 100

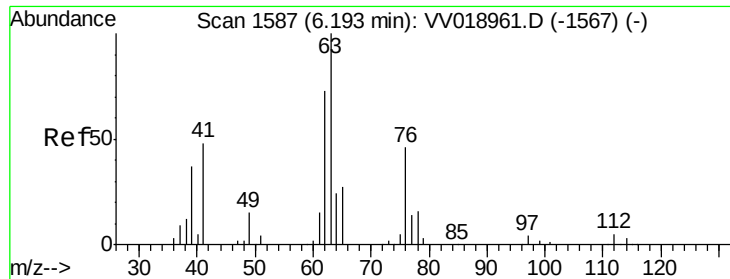
58 22.7 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

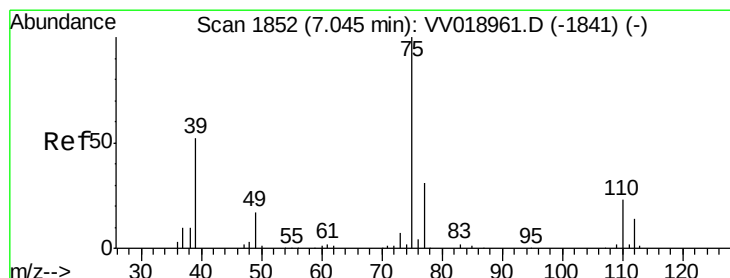
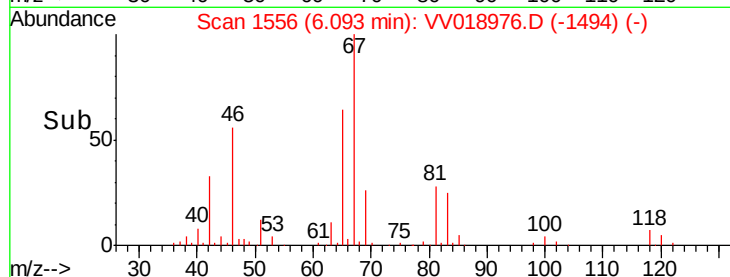
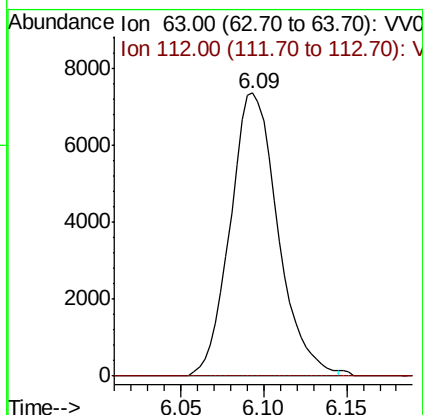
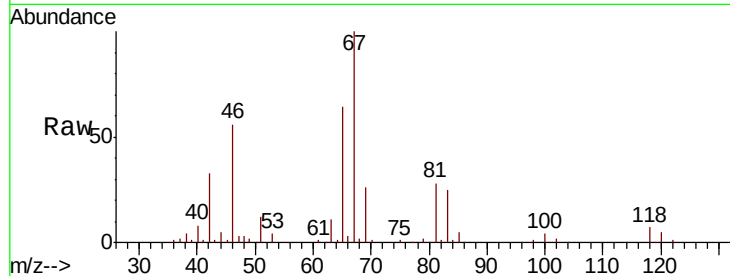




#37
 1,2-Dichloropropane
 Concen: 6.074 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018976.D
 Acq: 19 Oct 2020 17:33

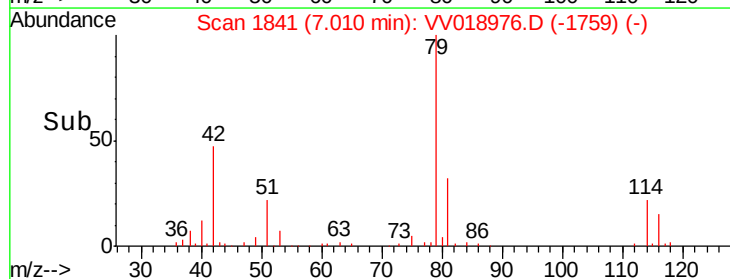
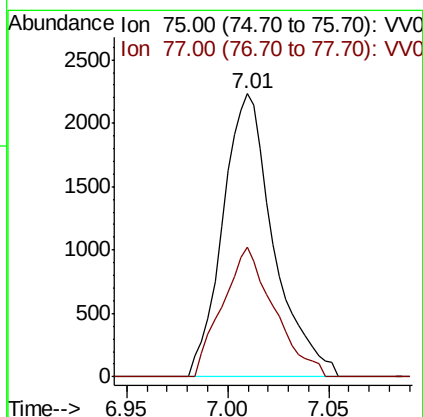
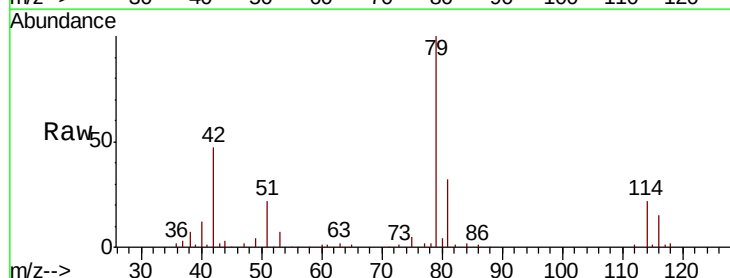
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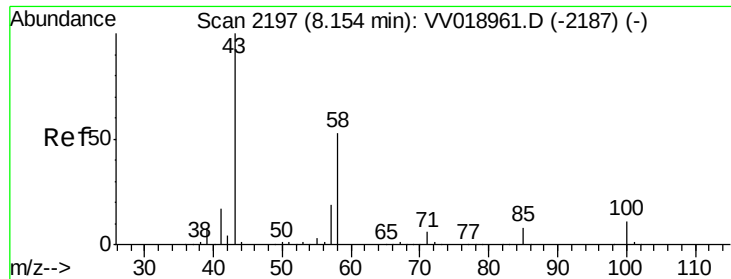
Tot Ion: 63 Resp: 14774
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 1.075 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018976.D
 Acq: 19 Oct 2020 17:33

Tgt Ion: 75 Resp: 3928
 Ion Ratio Lower Upper
 75 100
 77 45.8 22.5 41.9#

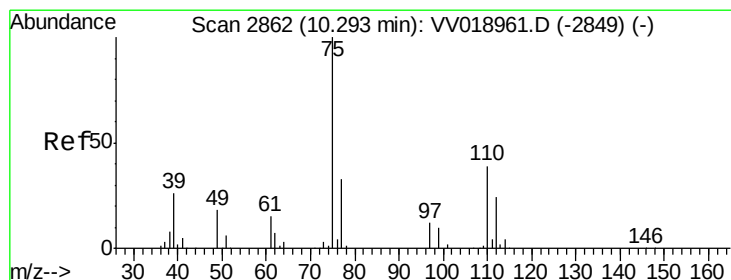
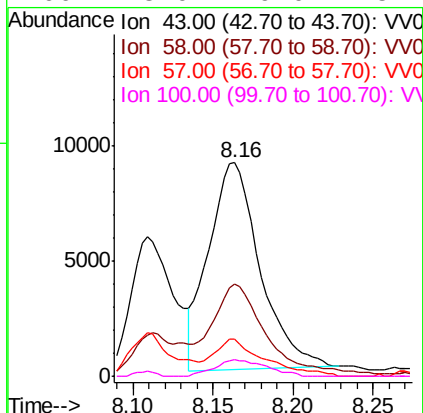
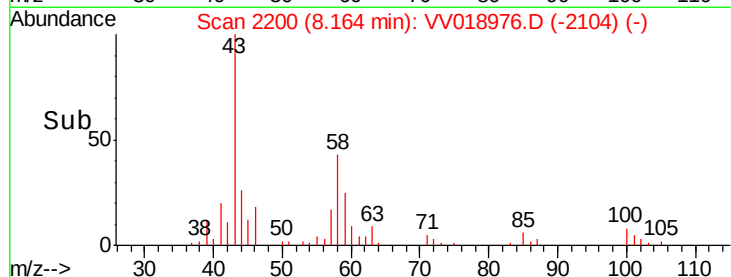
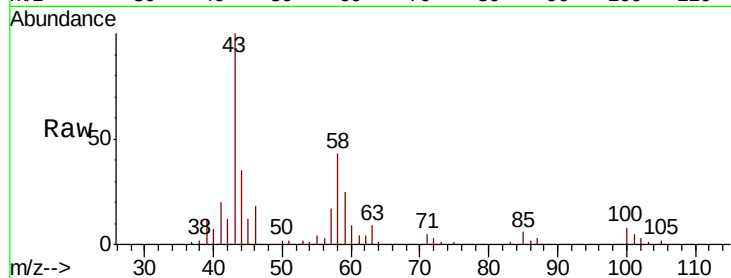




#48
 2-Hexanone
 Concen: 7.490 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018976.D
 Acq: 19 Oct 2020 17:33

Instrument :
 MSVOA_V
 ClientSampled :
 BG405

Tot Ion: 43 Resp: 19919
 Ion Ratio Lower Upper
 43 100
 58 45.9 42.5 63.7
 57 17.8 14.5 21.7
 100 8.0 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.525 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018976.D
 Acq: 19 Oct 2020 17:33

Tgt Ion: 75 Resp: 16266
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.4 38.2

