

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018900.D
 Acq On : 14 Oct 2020 17:57
 Operator : SY/MD
 Sample : L4351-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG9

Quant Time: Oct 15 02:09:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264843	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264622	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123802	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121621	55.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.58%
7) Chloroethane-d5	1.58	69	96420	55.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.64%
11) 1,1-Dichloroethene-d2	2.12	63	175627	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.34%
21) 2-Butanone-d5	3.91	46	153939	101.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	4.38	84	216677	55.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.64%
26) 1,2-Dichloroethane-d4	5.06	65	148410	57.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.16%
32) Benzene-d6	5.07	84	431913	55.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.82%
36) 1,2-Dichloropropane-d6	6.09	67	140241	56.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.56%
41) Toluene-d8	7.34	98	382102	55.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.28%
43) trans-1,3-Dichloropropene-	7.64	79	64323	53.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.56%
47) 2-Hexanone-d5	8.11	63	89279	97.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	159565	55.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	152703	60.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.26%#

Target Compounds

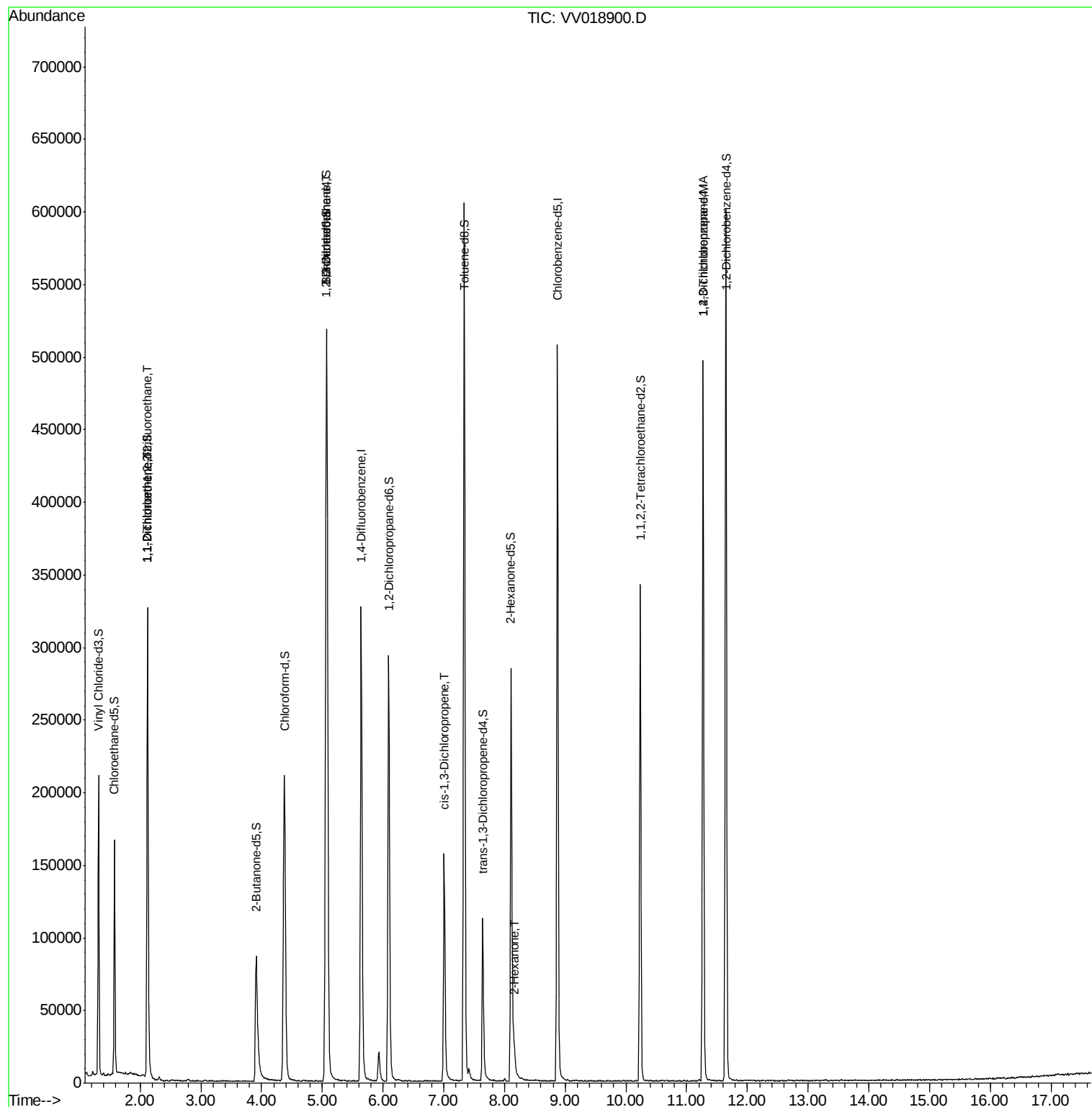
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1608	0.936 ug/L #	25
12) 1,1-Dichloroethene	2.12	96	1471	0.845 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	2648	0.857 ug/L	95
39) cis-1,3-Dichloropropene	7.01	75	3964	1.215 ug/L #	61
48) 2-Hexanone	8.16	43	10949	4.611 ug/L #	60
59) 1,2,3-Trichloropropane	11.27	75	15257	5.804 ug/L	91

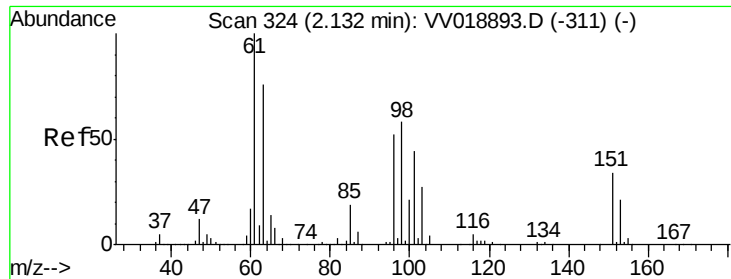
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 02:07:27 2020
Response via : Initial Calibration





#10

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

Concen: 0.936 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018900.D

Acq: 14 Oct 2020 17:57

Instrument :

MSVOA_V

ClientSampled :

C0AG9

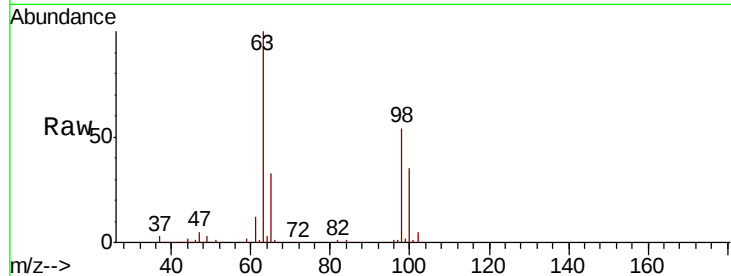
Tot Ion:101 Resp: 1608

Ion Ratio Lower Upper

101 100

85 4.1 35.0 52.4#

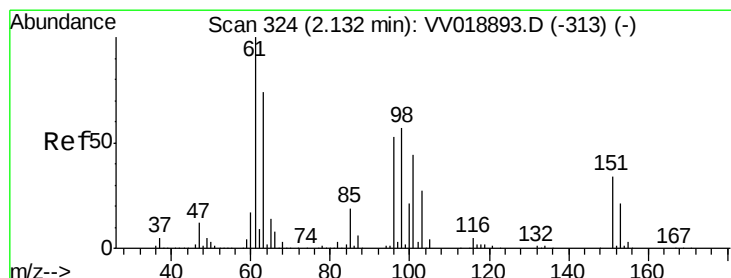
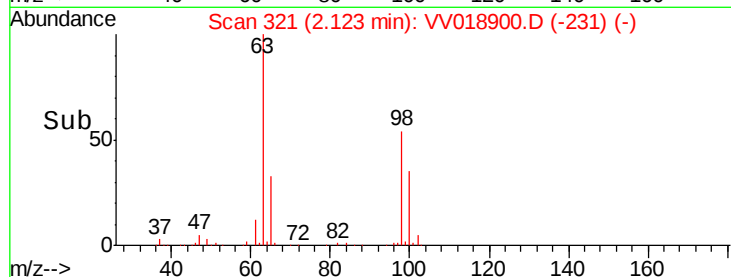
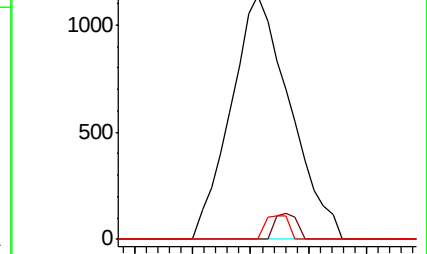
151 3.9 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018893.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018893.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018893.D (-311) (-)



#12

1,1-Dichloroethene

Concen: 0.845 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018900.D

Acq: 14 Oct 2020 17:57

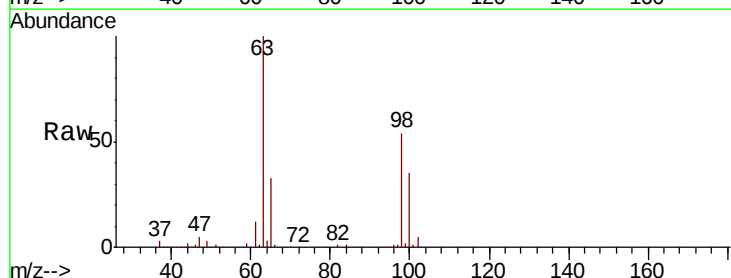
Tgt Ion: 96 Resp: 1471

Ion Ratio Lower Upper

96 100

61 1353.1 133.5 247.9#

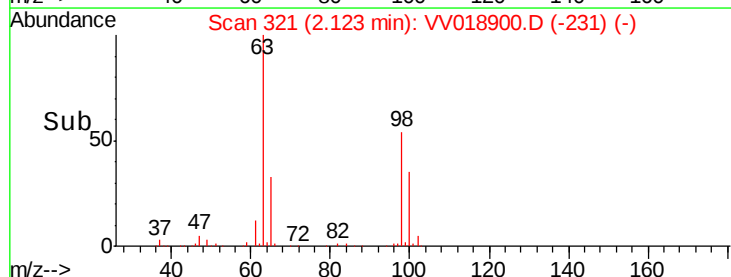
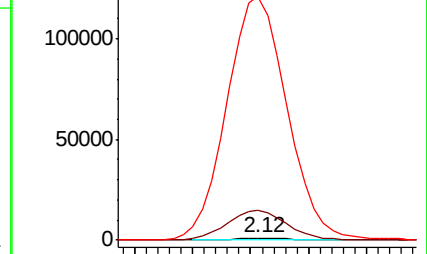
63 10850.6 102.1 189.7#

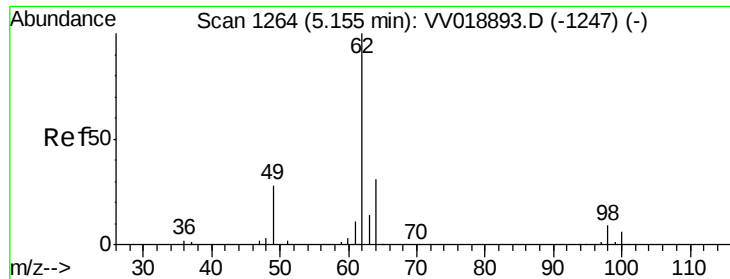


Abundance Ion 96.00 (95.70 to 96.70): VV018893.D (-313) (-)

Ion 61.00 (60.70 to 61.70): VV018893.D (-313) (-)

Ion 63.00 (62.70 to 63.70): VV018893.D (-313) (-)

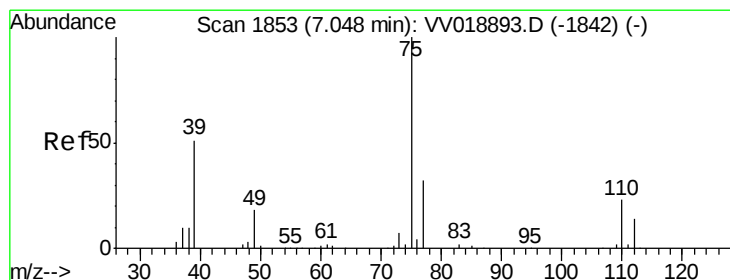
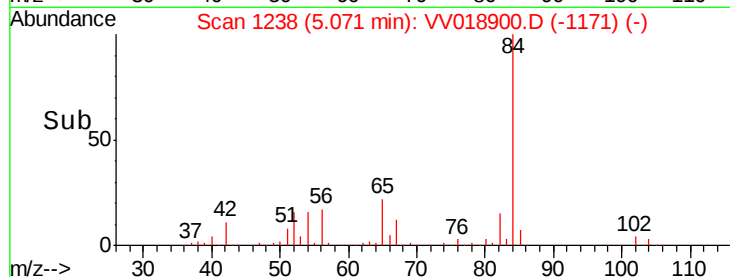
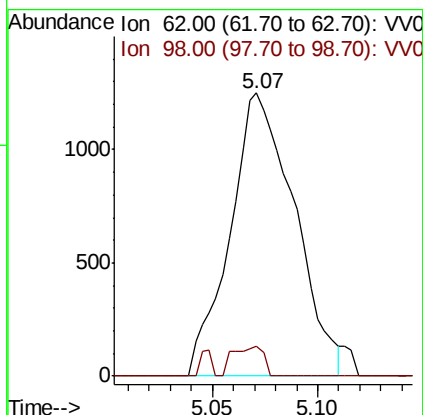
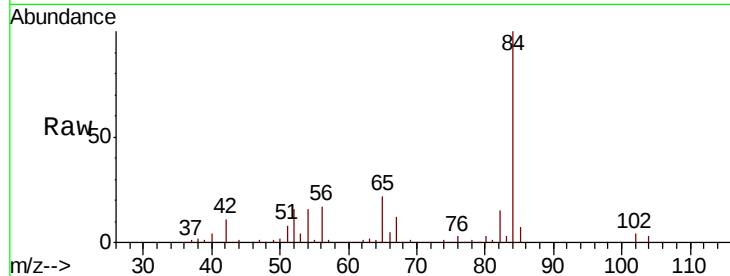




#27
 1,2-Dichloroethane
 Concen: 0.857 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV018900.D
 Acq: 14 Oct 2020 17:57

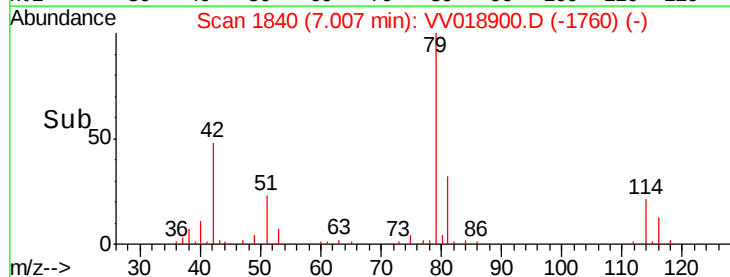
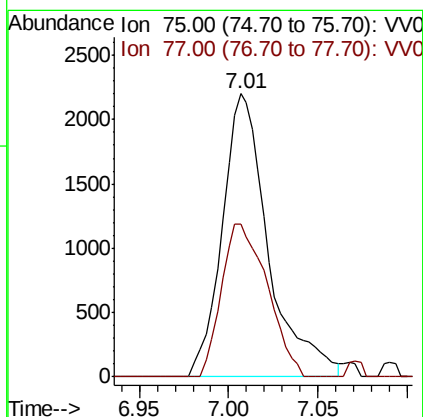
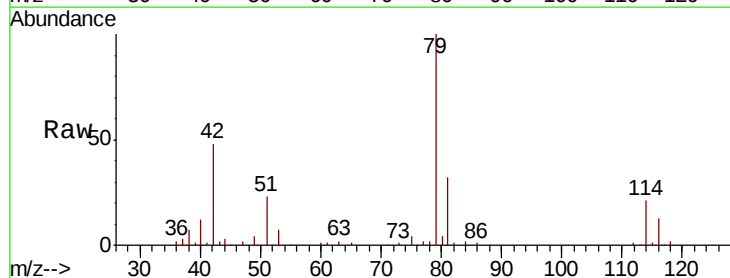
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 MSVOA_V
 ClientSampled :
 C0AG9

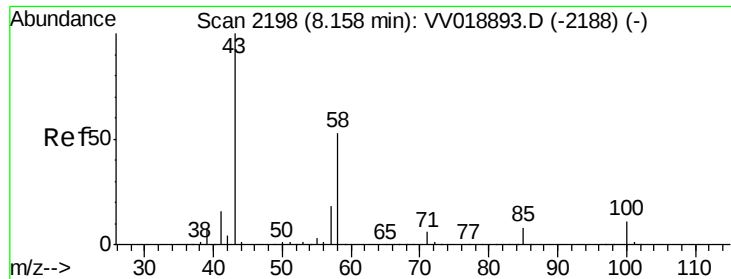
Tot Ion: 62 Resp: 2648
 Ion Ratio Lower Upper
 62 100
 98 10.6 7.0 10.6



#39
 cis-1,3-Dichloropropene
 Concen: 1.215 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018900.D
 Acq: 14 Oct 2020 17:57

Tgt Ion: 75 Resp: 3964
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.5 41.9#

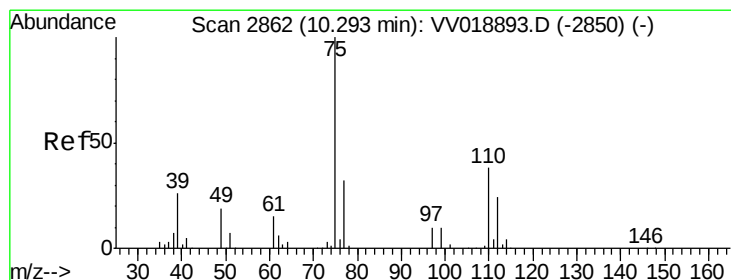
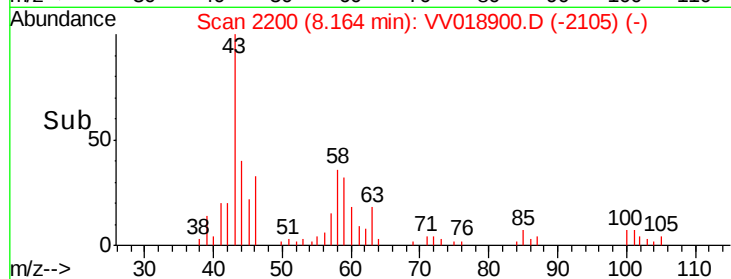
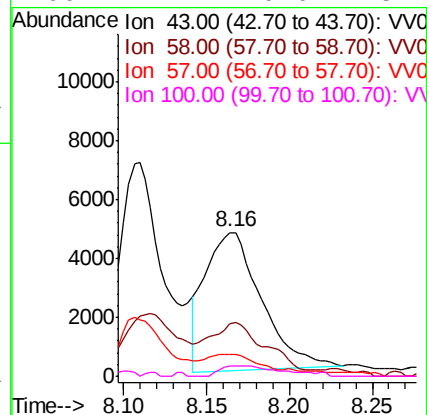
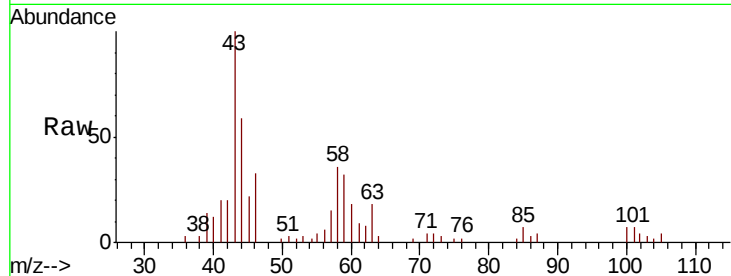




#48
2-Hexanone
Concen: 4.611 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018900.D
Acq: 14 Oct 2020 17:57

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tot Ion: 43 Resp: 10949
Ion Ratio Lower Upper
43 100
58 14.2 42.5 63.7#
57 11.8 14.5 21.7#
100 7.4 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.804 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018900.D
Acq: 14 Oct 2020 17:57

Tgt Ion: 75 Resp: 15257
Ion Ratio Lower Upper
75 100
77 36.6 25.4 38.2

