

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018915.D
 Acq On : 15 Oct 2020 17:03
 Operator : SY/MD
 Sample : L4382-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG400

Quant Time: Oct 16 08:46:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128877	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	102320	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	187440	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.26%
21) 2-Butanone-d5	3.91	46	173966	93.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.34%
24) Chloroform-d	4.38	84	225239	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.06	65	157470	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
32) Benzene-d6	5.07	84	456341	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
36) 1,2-Dichloropropane-d6	6.09	67	149824	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.34	98	401664	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%
43) trans-1,3-Dichloropropene-	7.64	79	68351	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.11	63	94857	84.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153294	43.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	161802	52.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

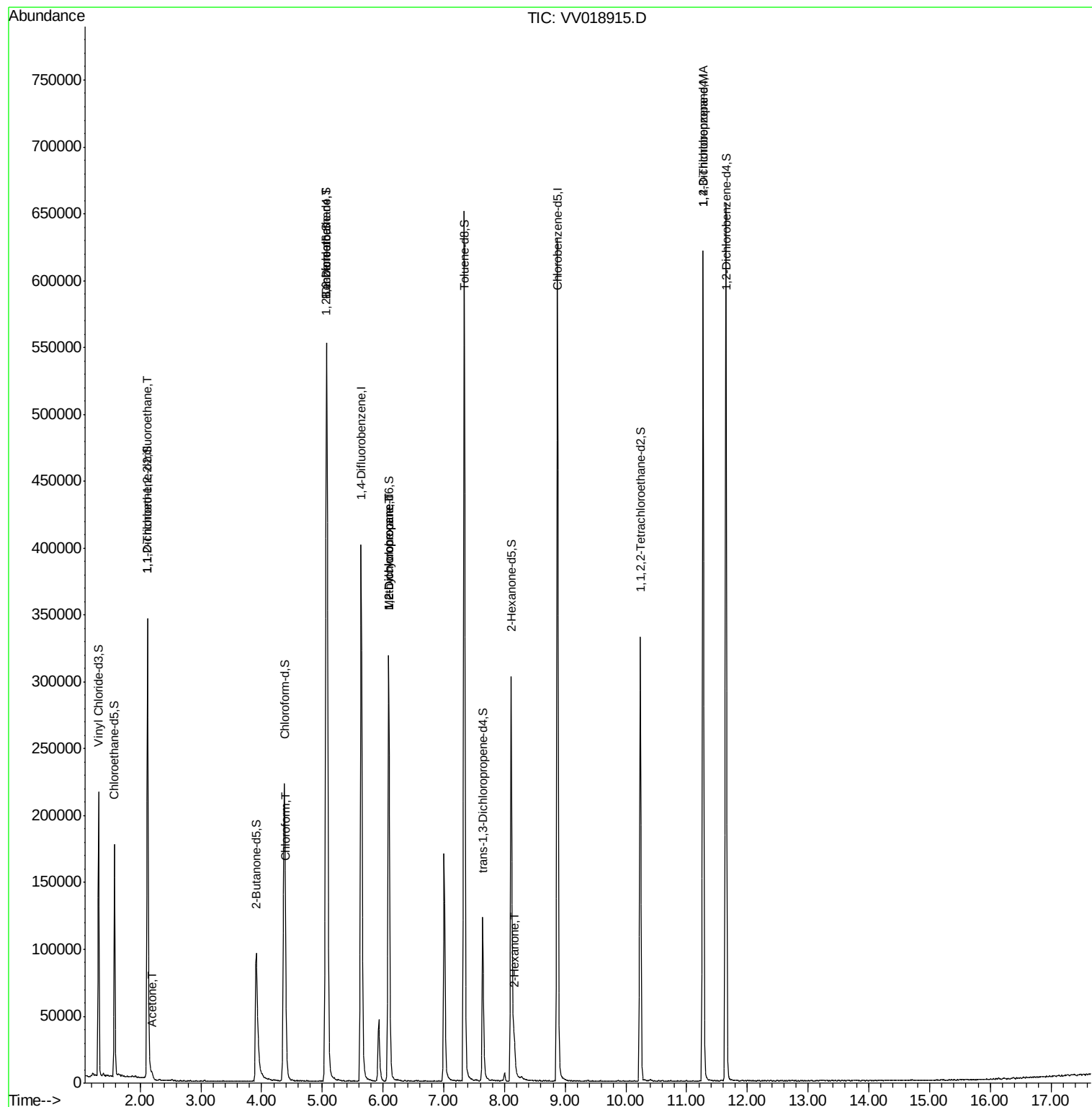
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1655	0.785 ug/L #	20
13) Acetone	2.19	43	5897	4.330 ug/L	99
25) Chloroform	4.40	83	6901	1.488 ug/L #	70
27) 1,2-Dichloroethane	5.07	62	2797	0.738 ug/L	98
35) Methylcyclohexane	6.09	83	34923	10.077 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	16994	6.398 ug/L #	88
48) 2-Hexanone	8.16	43	17928	6.173 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	19297	6.002 ug/L	89

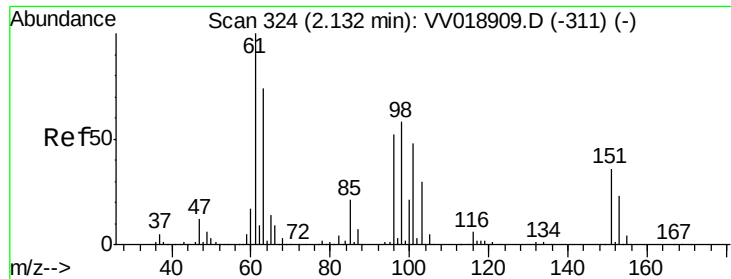
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.785 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018915.D

Acq: 15 Oct 2020 17:03

Instrument :

MSVOA_V

ClientSampled :

BG400

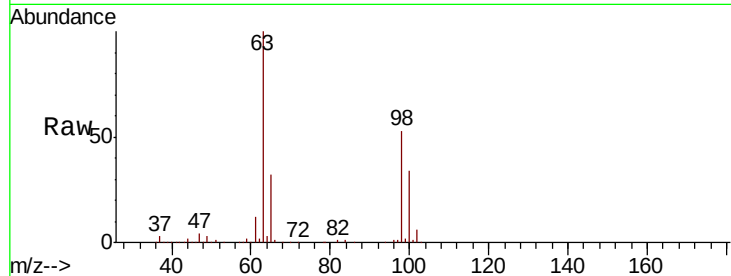
Tot Ion:101 Resp: 1655

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

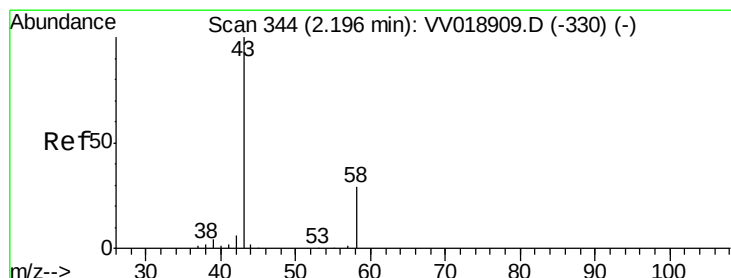
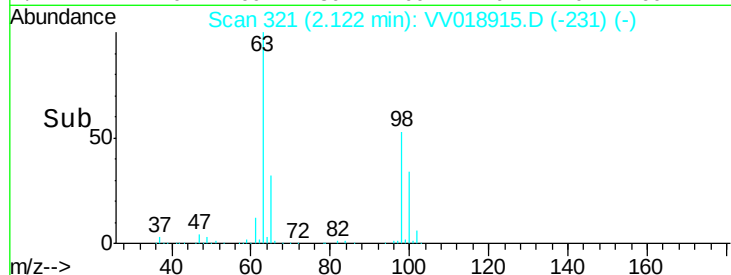
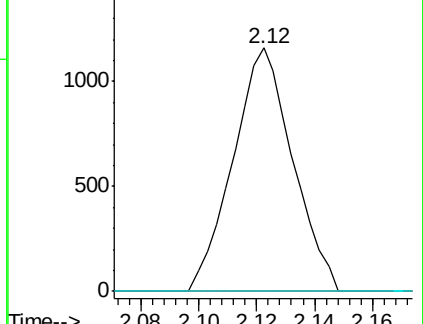
151 0.0 59.7 89.5#



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: 4.330 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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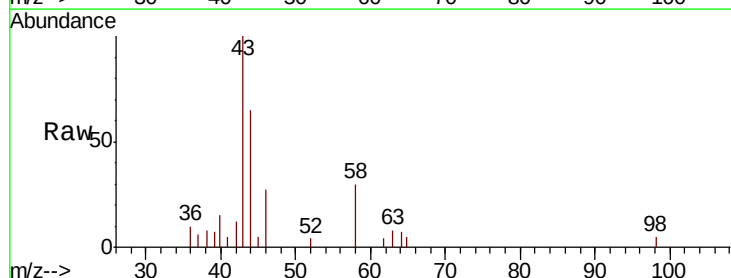
Acq: 15 Oct 2020 17:03

Tgt Ion: 43 Resp: 5897

Ion Ratio Lower Upper

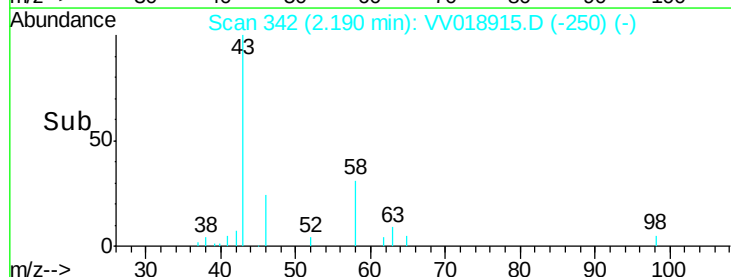
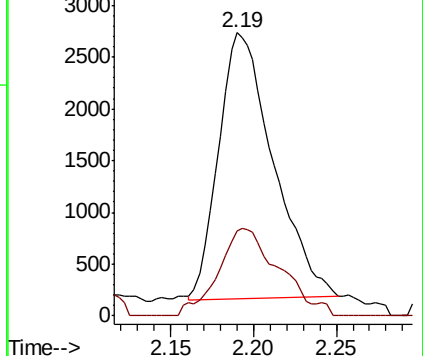
43 100

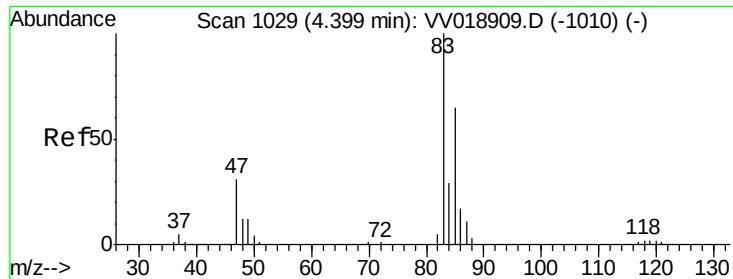
58 29.8 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

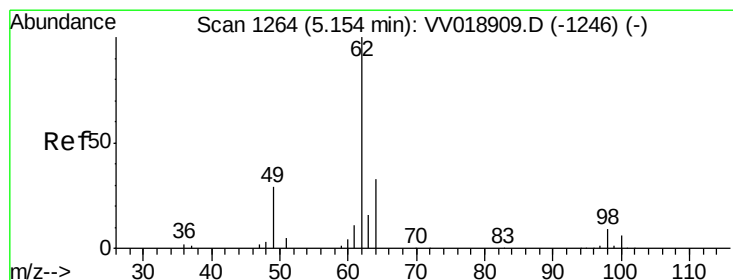
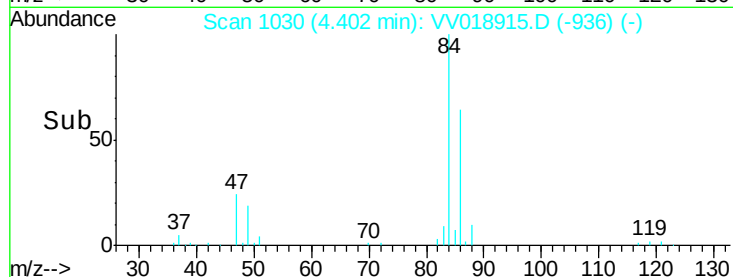
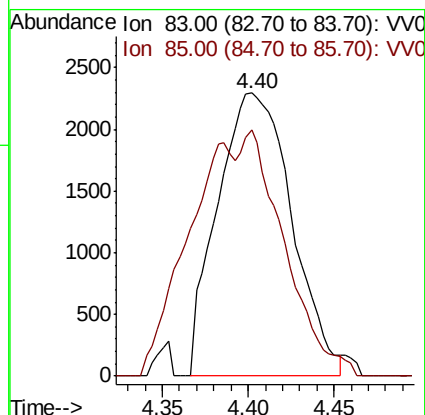
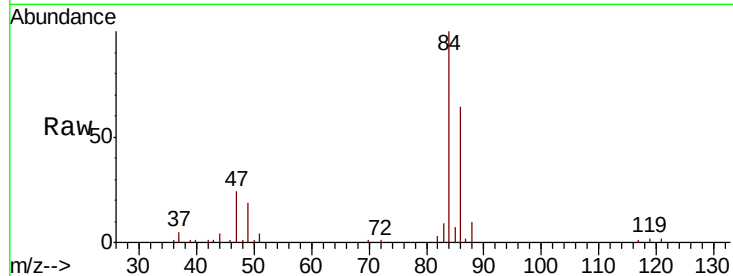




#25
Chloroform
Concen: 1.488 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018915.D
Acq: 15 Oct 2020 17:03

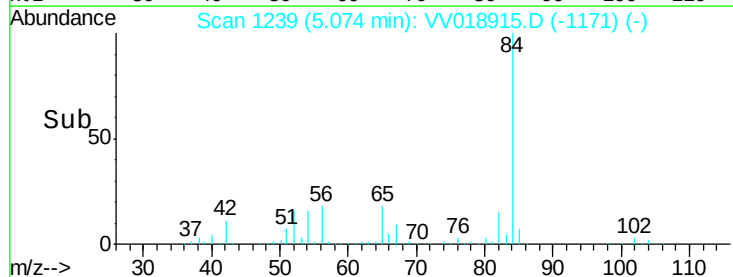
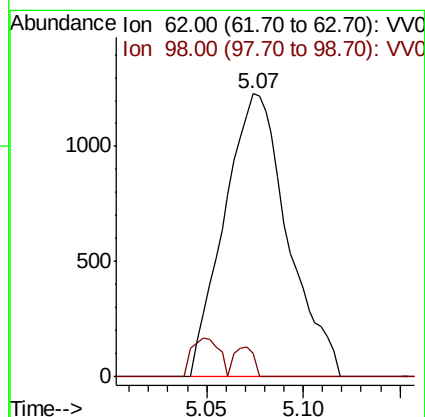
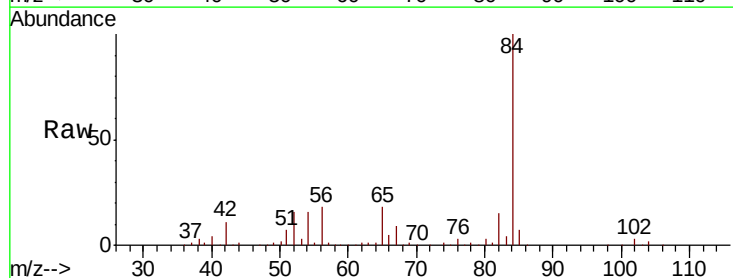
Instrument :
MSVOA_V
ClientSampled :
BG400

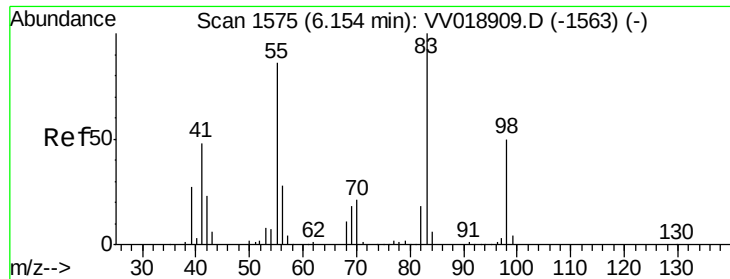
Tot Ion: 83 Resp: 6901
Ion Ratio Lower Upper
83 100
85 87.0 44.6 82.8#



#27
1,2-Dichloroethane
Concen: 0.738 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV018915.D
Acq: 15 Oct 2020 17:03

Tgt Ion: 62 Resp: 2797
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6

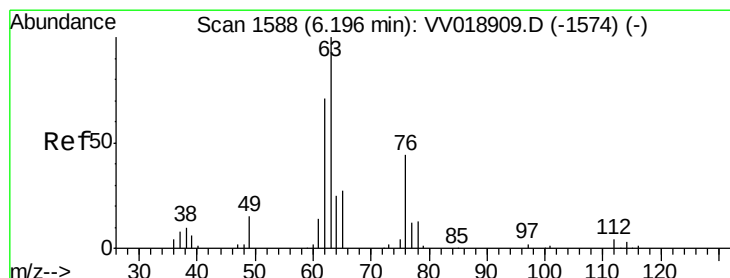
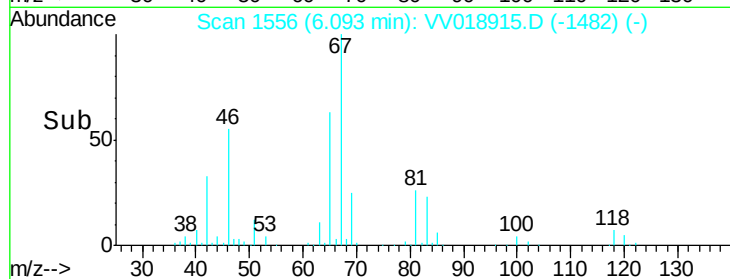
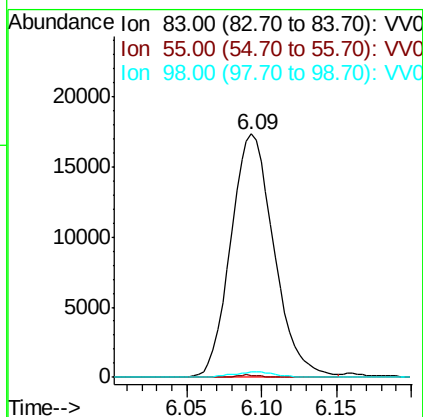
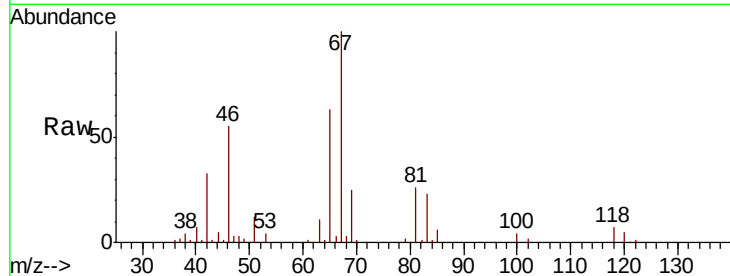




#35
Methylvlcyclohexane
Concen: 10.077 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018915.D
Acq: 15 Oct 2020 17:03

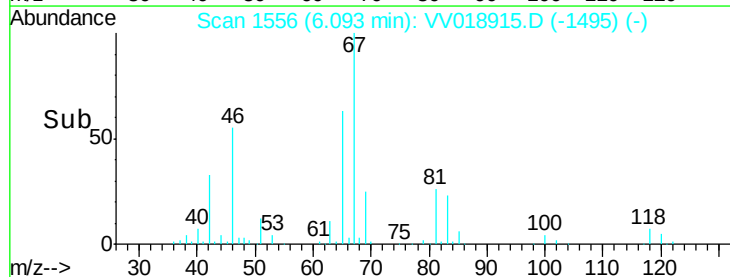
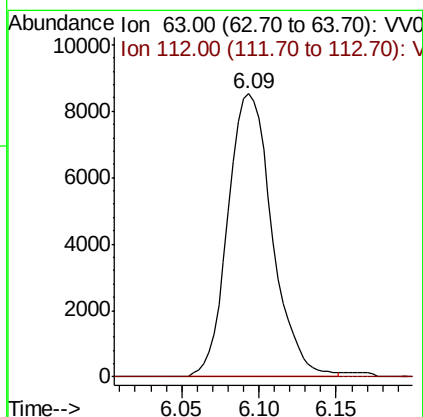
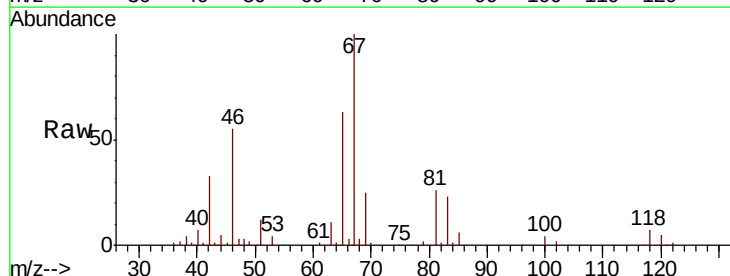
Instrument :
MSVOA_V
ClientSampleId :
BG400

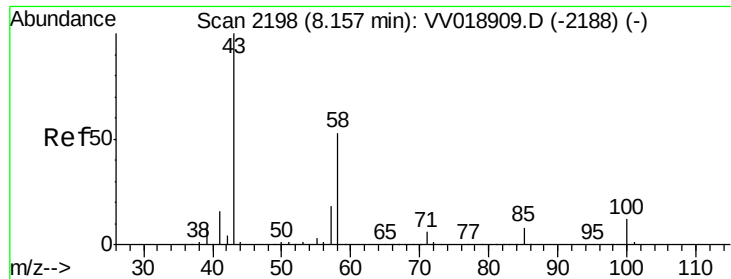
Tot Ion: 83 Resp: 34923
Ion Ratio Lower Upper
83 100
55 0.5 67.3 100.9#
98 2.1 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 6.398 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018915.D
Acq: 15 Oct 2020 17:03

Tgt Ion: 63 Resp: 16994
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

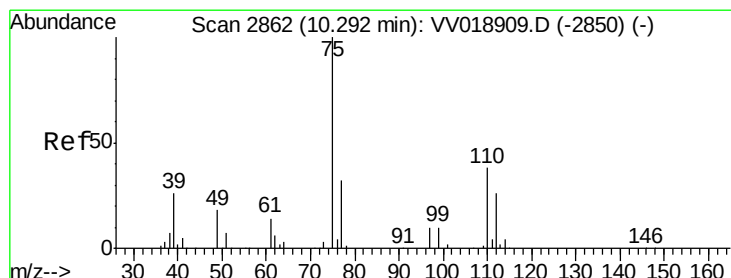
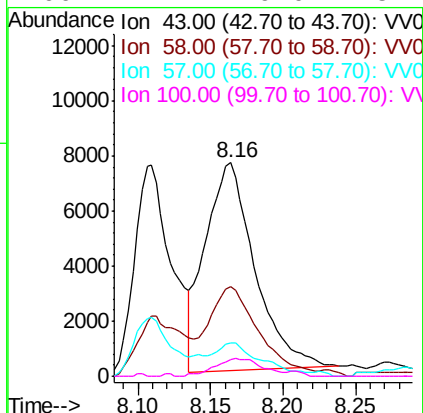
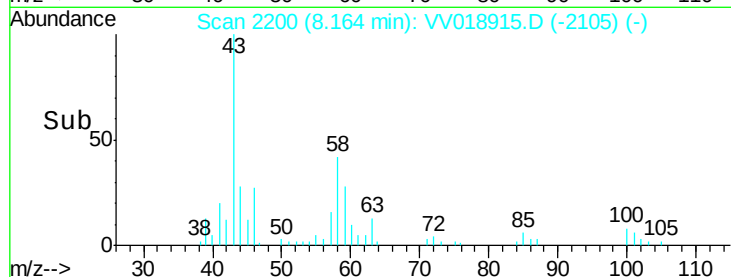
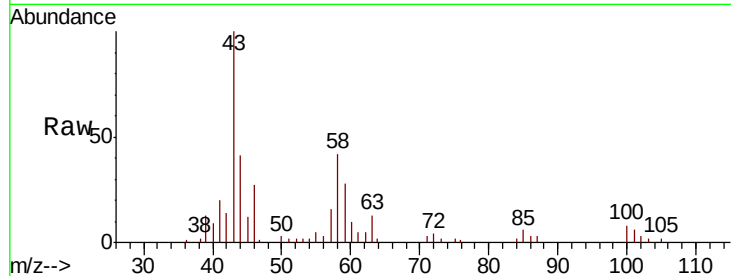




#48
 2-Hexanone
 Concen: 6.173 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018915.D
 Acq: 15 Oct 2020 17:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BG400

Tot Ion: 43 Resp: 17928
 Ion Ratio Lower Upper
 43 100
 58 36.8 42.5 63.7#
 57 12.1 14.5 21.7#
 100 7.7 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.002 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018915.D
 Acq: 15 Oct 2020 17:03

Tgt Ion: 75 Resp: 19297
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.4 38.2

