

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018015.D
 Acq On : 17 Aug 2020 10:42
 Operator : SY/MD
 Sample : VV0817WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK82

Quant Time: Aug 18 01:25:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	244753	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	246075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94273	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.96%
7) Chloroethane-d5	1.58	69	80288	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.10%
11) 1,1-Dichloroethene-d2	2.12	63	141244	39.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.08%
21) 2-Butanone-d5	3.91	46	120202	98.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	4.38	84	171836	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
26) 1,2-Dichloroethane-d4	5.06	65	117890	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.78%
32) Benzene-d6	5.07	84	344278	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
36) 1,2-Dichloropropane-d6	6.09	67	112745	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.70%
41) Toluene-d8	7.34	98	304797	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%
43) trans-1,3-Dichloropropene-	7.64	79	51480	51.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.38%
47) 2-Hexanone-d5	8.11	63	56953	80.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132551	45.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	126499	54.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.66%

Target Compounds

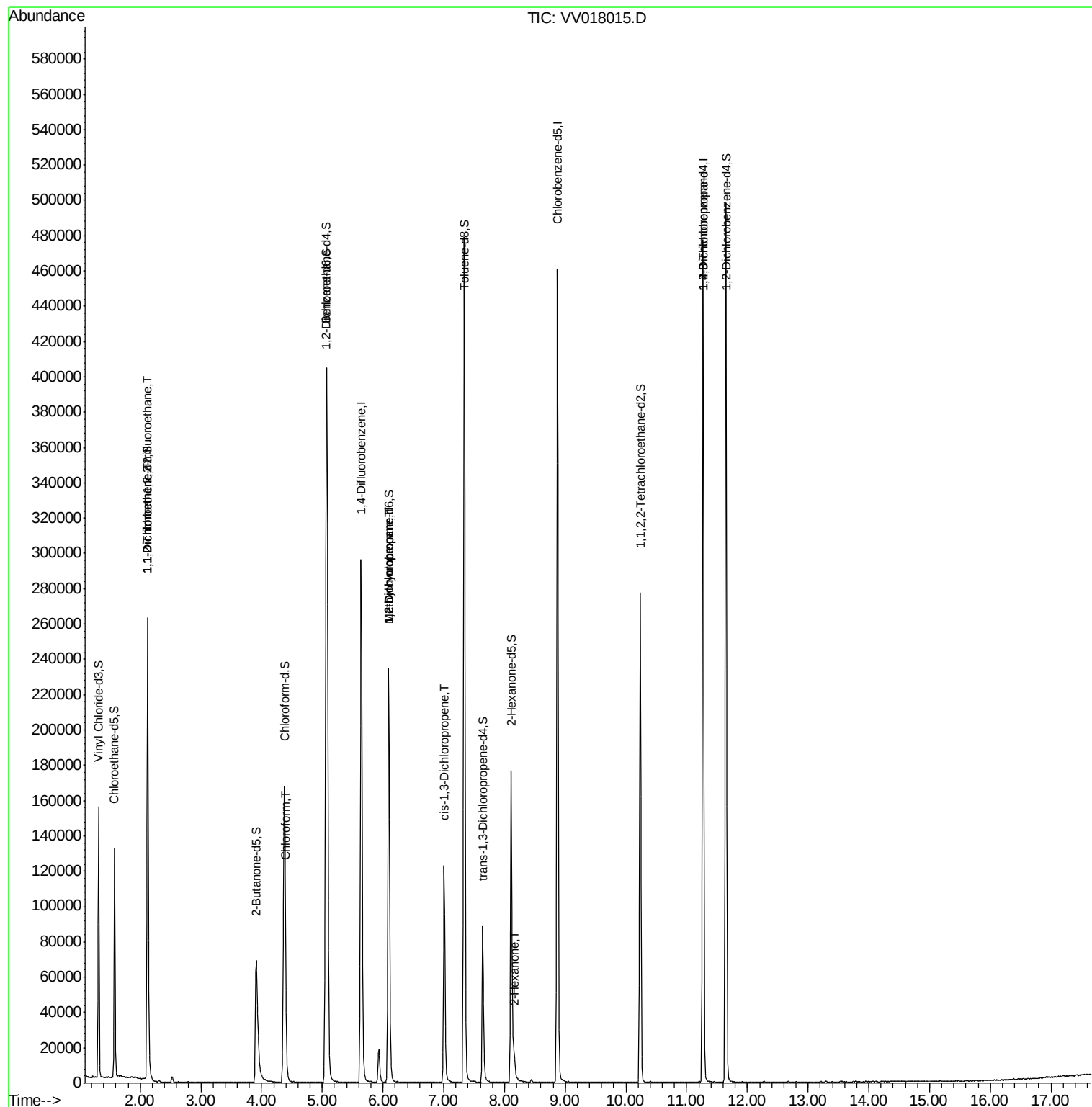
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1335	0.770 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1147	0.699 ug/L #	1
25) Chloroform	4.40	83	3892	1.124 ug/L	92
35) Methylcyclohexane	6.09	83	26979	9.016 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12375	5.960 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3218	1.093 ug/L #	64
48) 2-Hexanone	8.16	43	7543	3.446 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	14623	5.703 ug/L	94

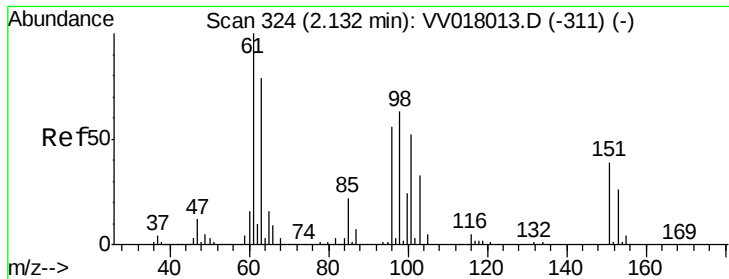
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration





#10

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

Concen: 0.770 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018015.D

Acq: 17 Aug 2020 10:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK82

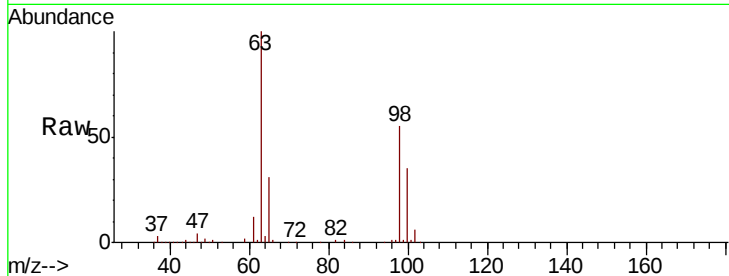
Tot Ion:101 Resp: 1335

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

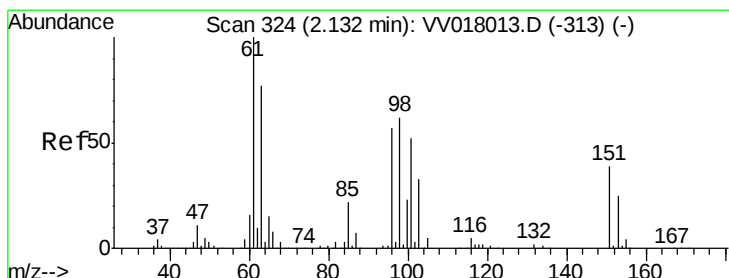
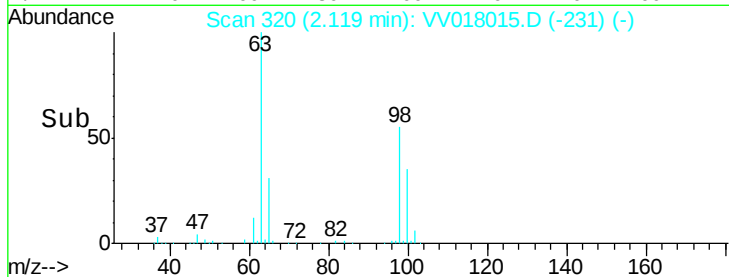
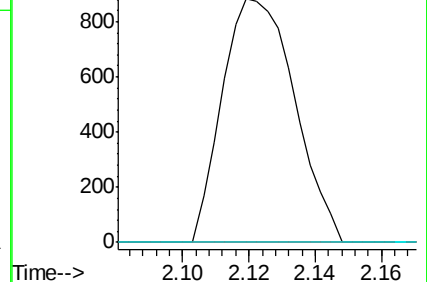
151 0.0 59.1 88.7#



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



#12

1,1-Dichloroethene

Concen: 0.699 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018015.D

Acq: 17 Aug 2020 10:42

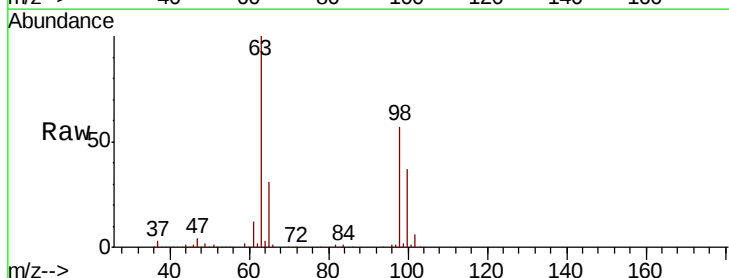
Tgt Ion: 96 Resp: 1147

Ion Ratio Lower Upper

96 100

61 1444.2 127.1 236.0#

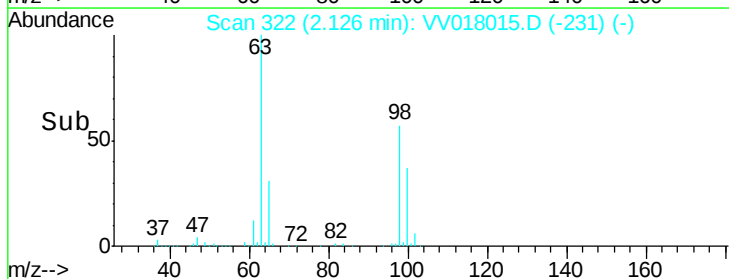
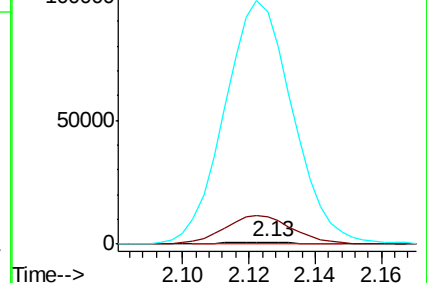
63 12417.5 95.2 176.8#

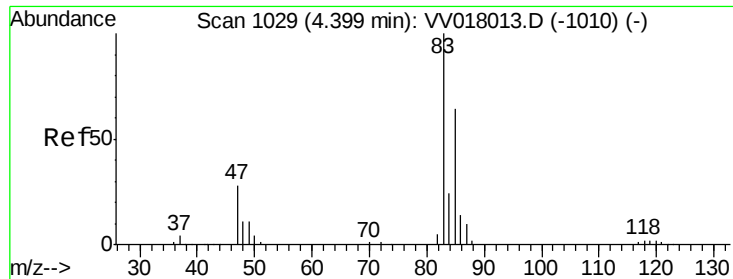


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

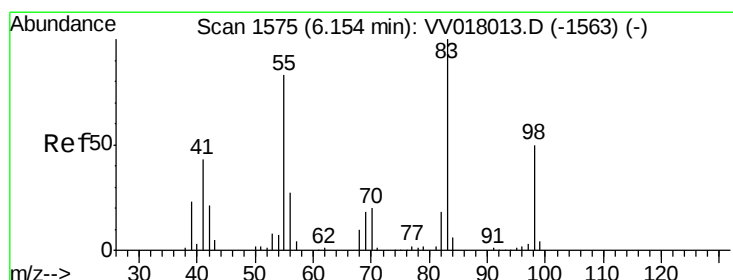
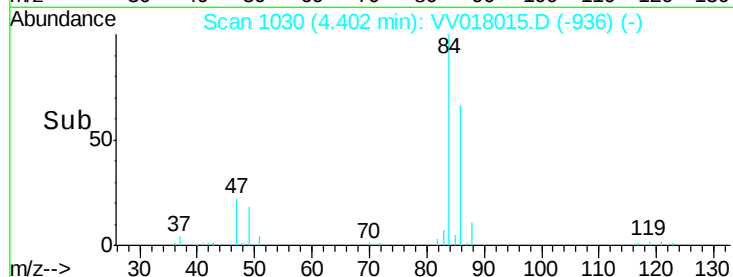
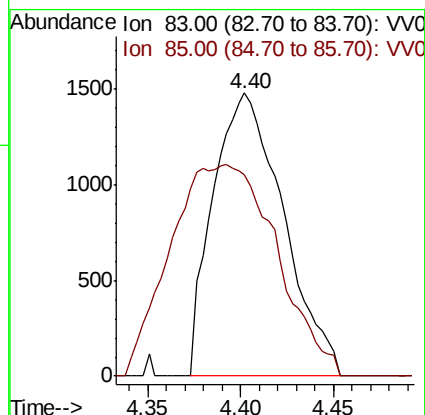
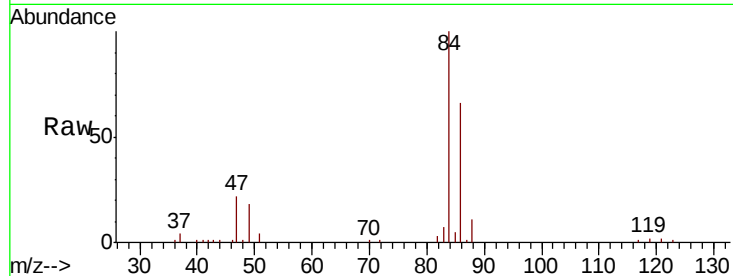




#25
Chloroform
Concen: 1.124 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018015.D
Acq: 17 Aug 2020 10:42

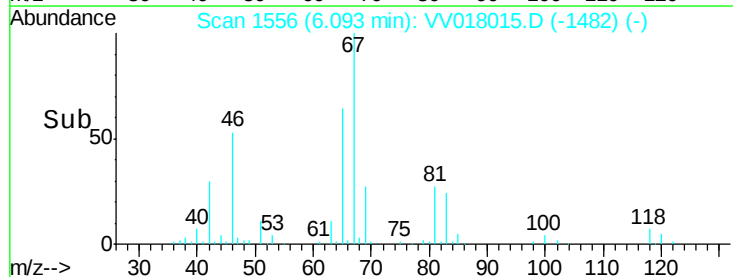
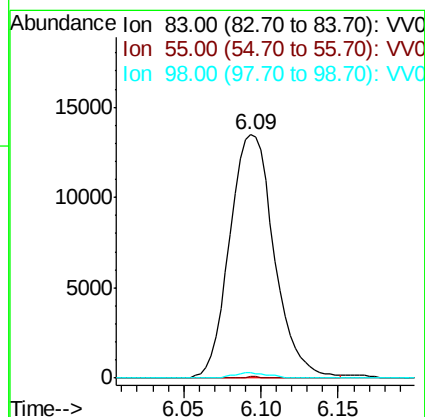
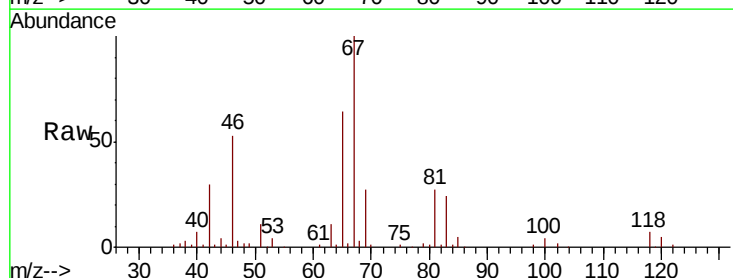
Instrument :
MSVOA_V
ClientSampleId :
VBLK82

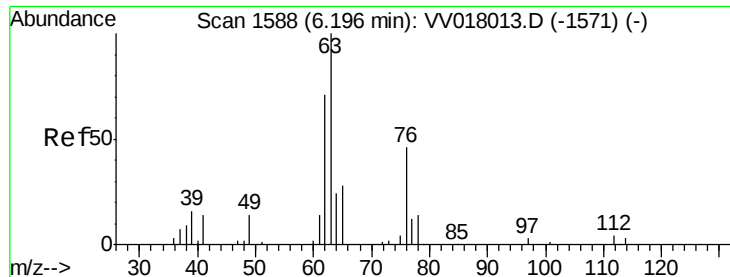
Tot Ion: 83 Resp: 3892
Ion Ratio Lower Upper
83 100
85 71.2 45.5 84.5



#35
Methylcyclohexane
Concen: 9.016 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018015.D
Acq: 17 Aug 2020 10:42

Tgt Ion: 83 Resp: 26979
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 1.7 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 5.960 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018015.D

Acq: 17 Aug 2020 10:42

Instrument :

MSVOA_V

ClientSampleId :

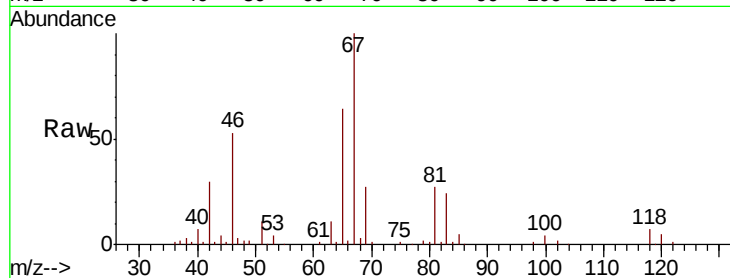
VBLK82

Tot Ion: 63 Resp: 12375

Ion Ratio Lower Upper

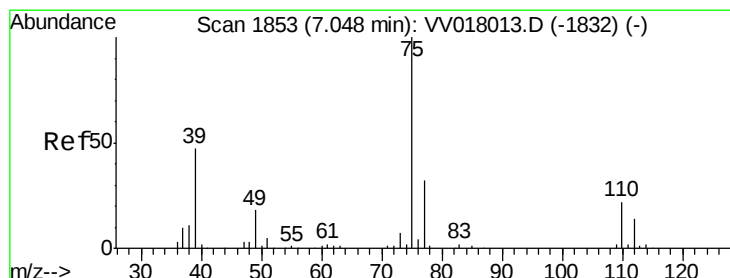
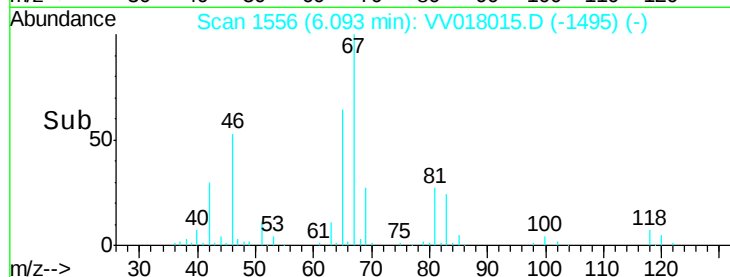
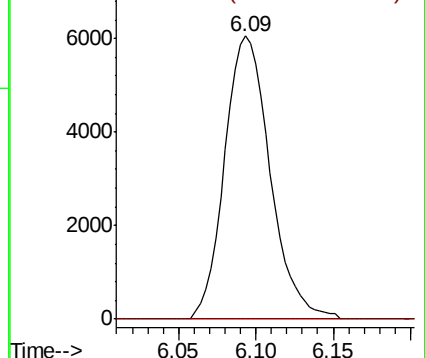
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.093 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018015.D

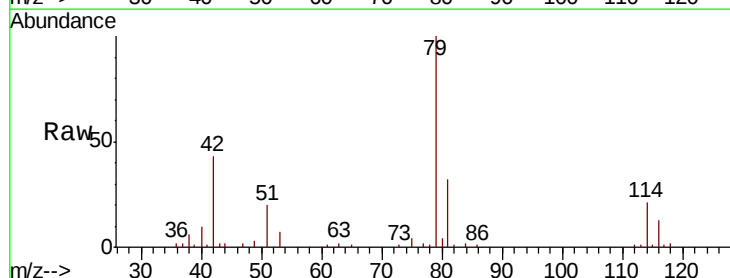
Acq: 17 Aug 2020 10:42

Tgt Ion: 75 Resp: 3218

Ion Ratio Lower Upper

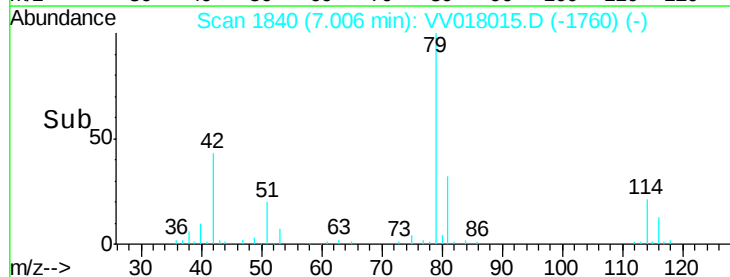
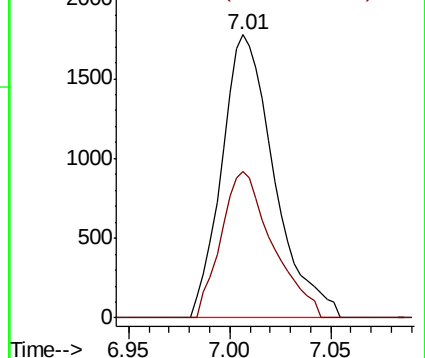
75 100

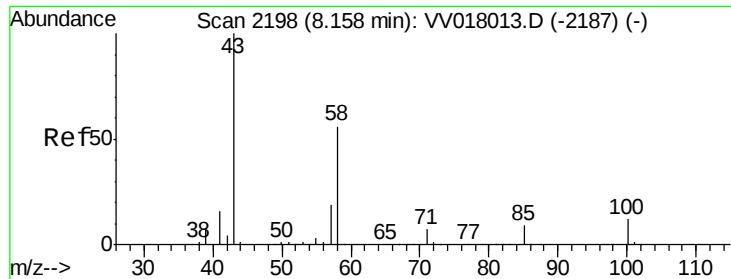
77 51.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

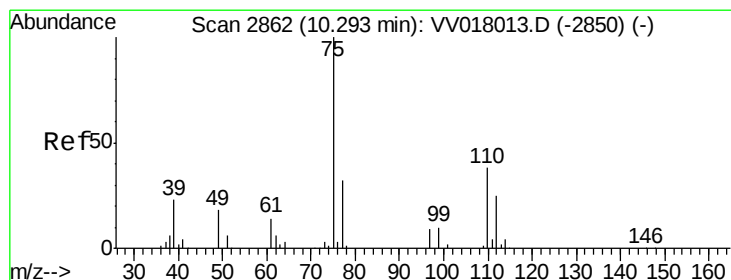
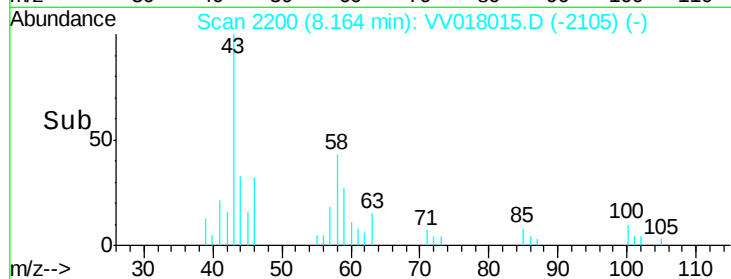
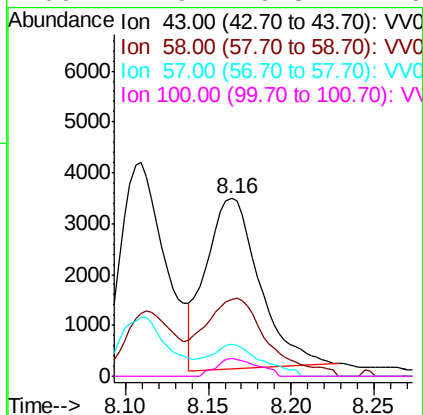
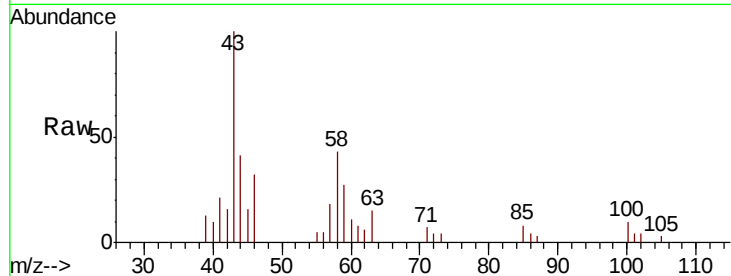




#48
2-Hexanone
Concen: 3.446 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018015.D
Acq: 17 Aug 2020 10:42

Instrument :
MSVOA_V
ClientSampleId :
VBLK82

Tot Ion: 43 Resp: 7543
Ion Ratio Lower Upper
43 100
58 44.1 44.4 66.6#
57 15.3 15.2 22.8
100 7.9 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.703 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018015.D
Acq: 17 Aug 2020 10:42

Tgt Ion: 75 Resp: 14623
Ion Ratio Lower Upper
75 100
77 35.7 25.7 38.5

