

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019189.D
 Acq On : 30 Oct 2020 17:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK63

Quant Time: Oct 31 03:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	227591	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220567	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108293	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73174	40.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.92%
7) Chloroethane-d5	1.58	69	60627	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.30%
11) 1,1-Dichloroethene-d2	2.12	63	112905	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	3.90	46	98886	89.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.27%
24) Chloroform-d	4.38	84	151563	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
26) 1,2-Dichloroethane-d4	5.06	65	108651	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
32) Benzene-d6	5.07	84	286457	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
36) 1,2-Dichloropropane-d6	6.09	67	87059	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.34	98	266235	44.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.64	79	46142	42.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.48%
47) 2-Hexanone-d5	8.11	63	67336	83.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108727	43.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	113813	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%

Target Compounds

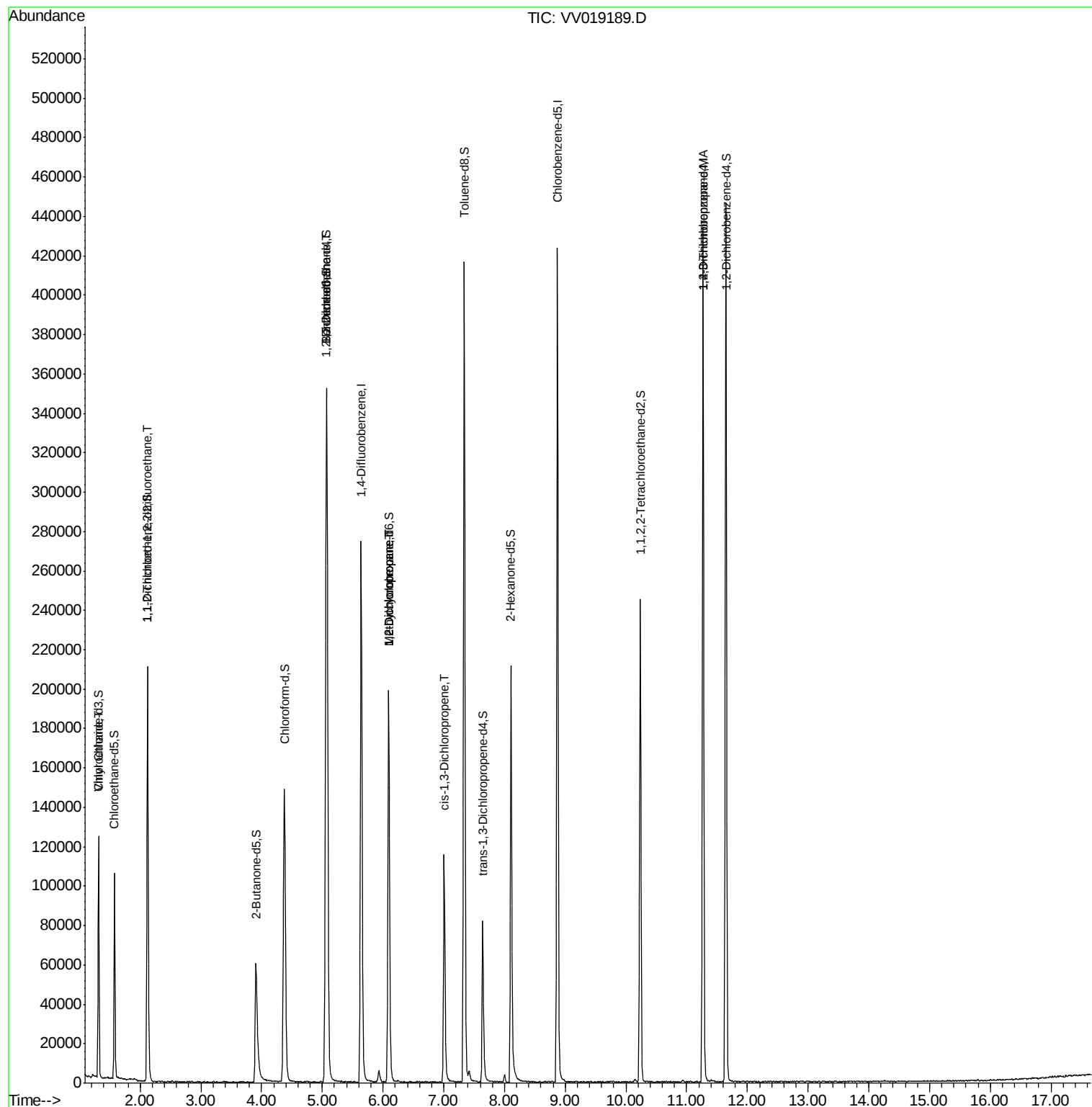
					Ovalue	
8) Chloroethane	1.32	64	1247	1.079	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	991	0.665	ug/L #	17
27) 1,2-Dichloroethane	5.07	62	2052	0.764	ug/L #	76
35) Methylcyclohexane	6.09	83	22641	9.627	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11075	7.013	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3281	1.258	ug/L #	54
59) 1,2,3-Trichloropropane	11.27	75	11500	5.570	ug/L #	86

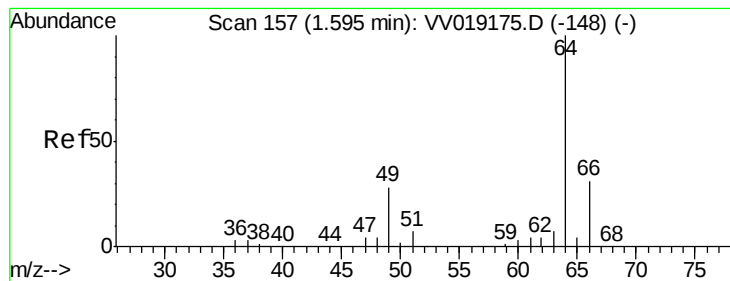
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 31 02:55:48 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.079 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV019189.D

Acq: 30 Oct 2020 17:02

Instrument :

MSVOA_V

ClientSampleId :

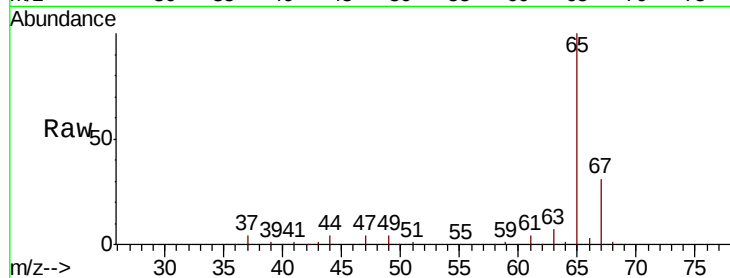
VIBLK63

Tot Ion: 64 Resp: 1247

Ion Ratio Lower Upper

64 100

66 186.5 22.0 40.8#



Abundance Ion 64.00 (63.70 to 64.70): VV019189.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VV019189.D (-33) (-)

1.32

2000

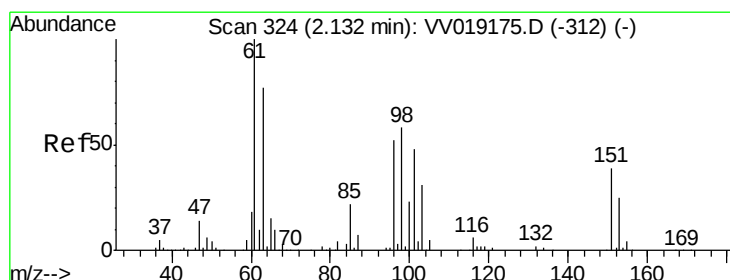
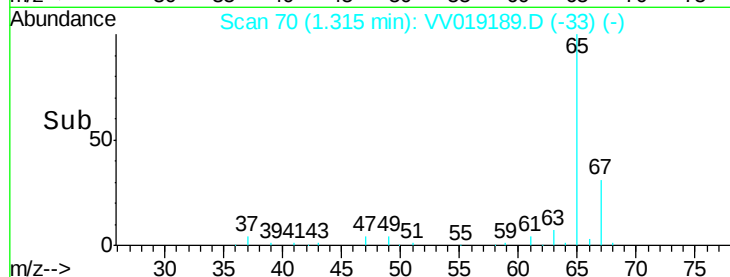
1500

1000

500

0

Time-->



#10

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

Concen: 0.665 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019189.D

Acq: 30 Oct 2020 17:02

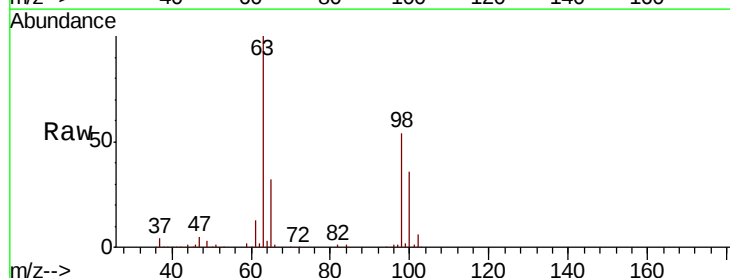
Tgt Ion: 101 Resp: 991

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): VV019189.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV019189.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV019189.D (-231) (-)

2.13

800

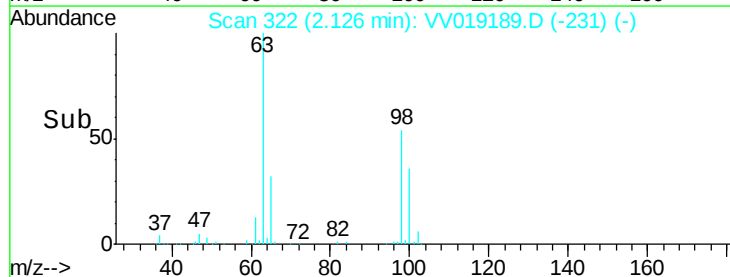
600

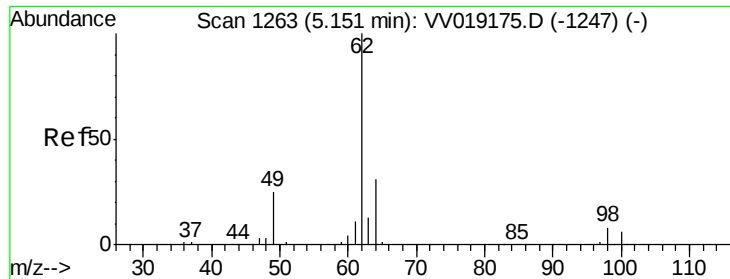
400

200

0

Time-->

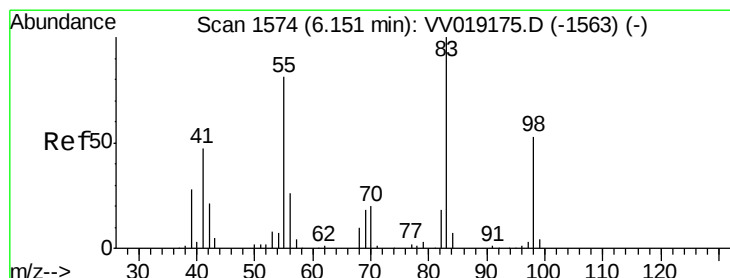
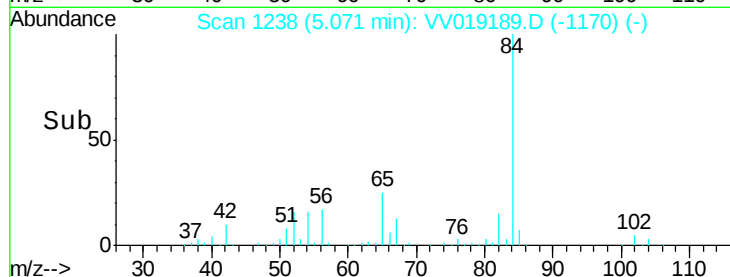
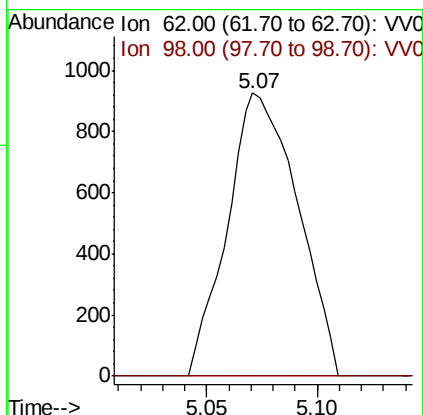
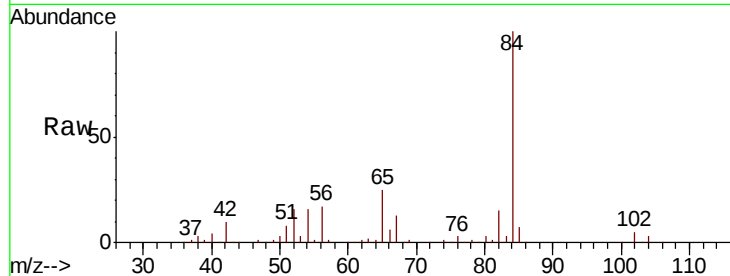




#27
 1,2-Dichloroethane
 Concen: 0.764 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV019189.D
 Acq: 30 Oct 2020 17:02

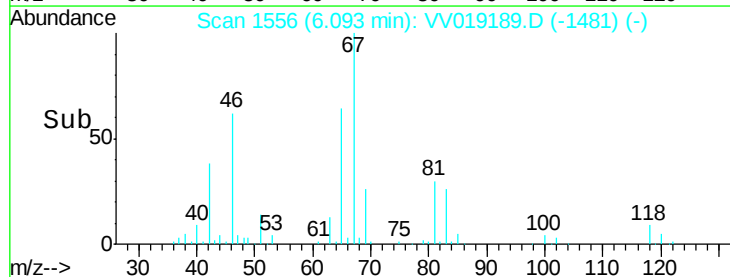
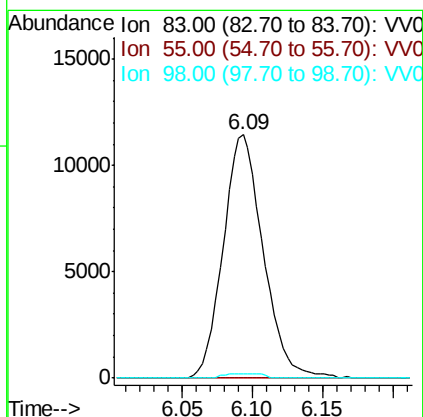
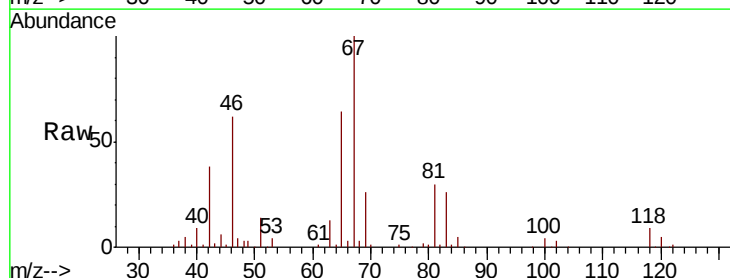
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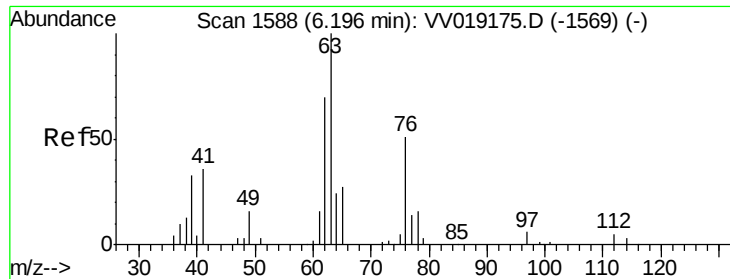
Tot Ion: 62 Resp: 2052
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.8 10.2#



#35
 Methylcyclohexane
 Concen: 9.627 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV019189.D
 Acq: 30 Oct 2020 17:02

Tgt Ion: 83 Resp: 22641
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.2 93.4#
 98 1.0 39.4 59.2#

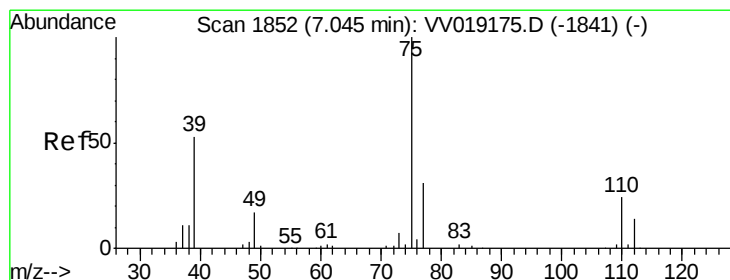
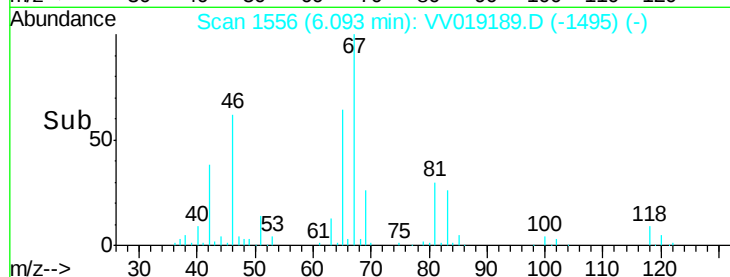
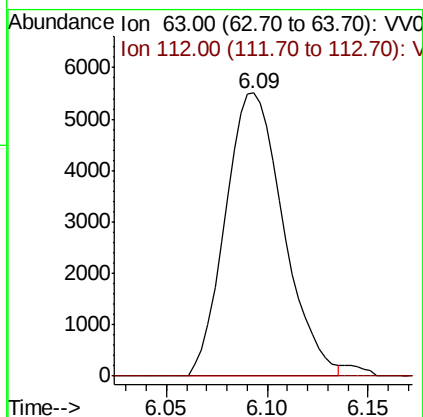
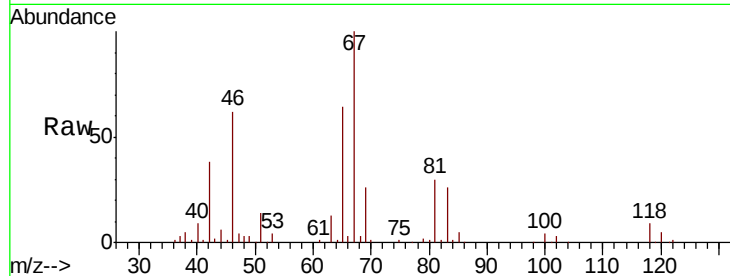




#37
 1,2-Dichloropropane
 Concen: 7.013 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019189.D
 Acq: 30 Oct 2020 17:02

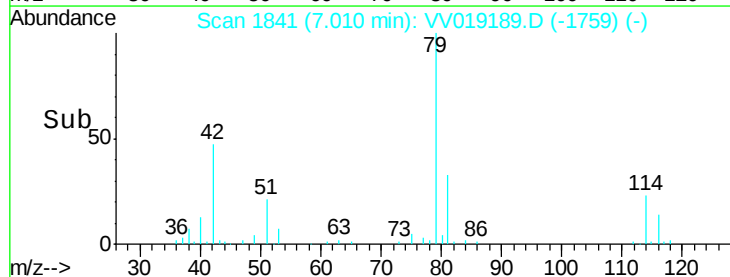
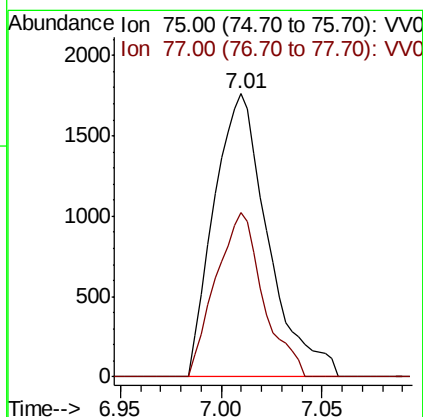
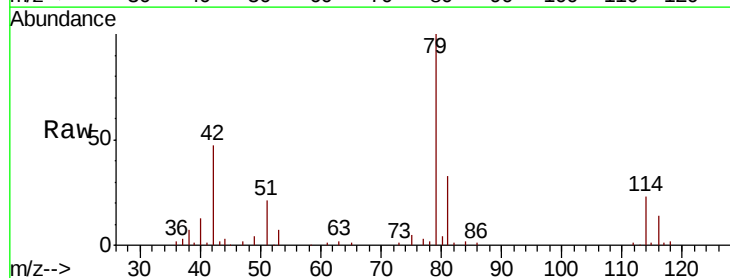
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK63

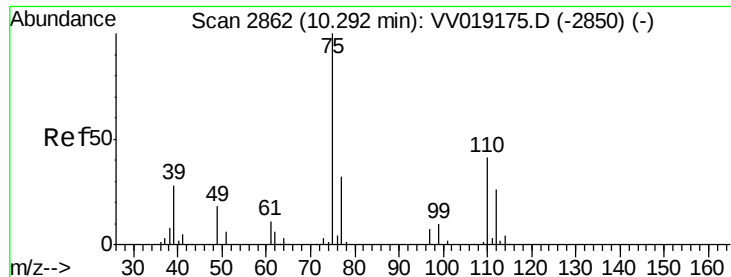
Tot Ion: 63 Resp: 11075
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.258 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019189.D
 Acq: 30 Oct 2020 17:02

Tgt Ion: 75 Resp: 3281
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 5.570 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019189.D

Acq: 30 Oct 2020 17:02

Instrument :

MSVOA_V

ClientSampleId :

VIBLK63

Tot Ion: 75 Resp: 11500

Ion Ratio Lower Upper

75 100

77 40.8 26.2 39.4#

