

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091120\
 Data File : VV018193.D
 Acq On : 11 Sep 2020 12:37
 Operator : SY/MD
 Sample : VV0911MBL01
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Quant Time: Sep 12 01:30:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 01:23:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288300	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139075	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99284	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.52%
7) Chloroethane-d5	1.58	69	87765	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.30%
11) 1,1-Dichloroethene-d2	2.12	63	149153	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	3.92	46	147344	102.46	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.46%
24) Chloroform-d	4.38	84	187817	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.06	65	132764	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
32) Benzene-d6	5.08	84	388849	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
36) 1,2-Dichloropropane-d6	6.10	67	126350	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.34	98	346081	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%
43) trans-1,3-Dichloropropene-	7.64	79	61230	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.11	63	89808	90.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151558	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	149084	52.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

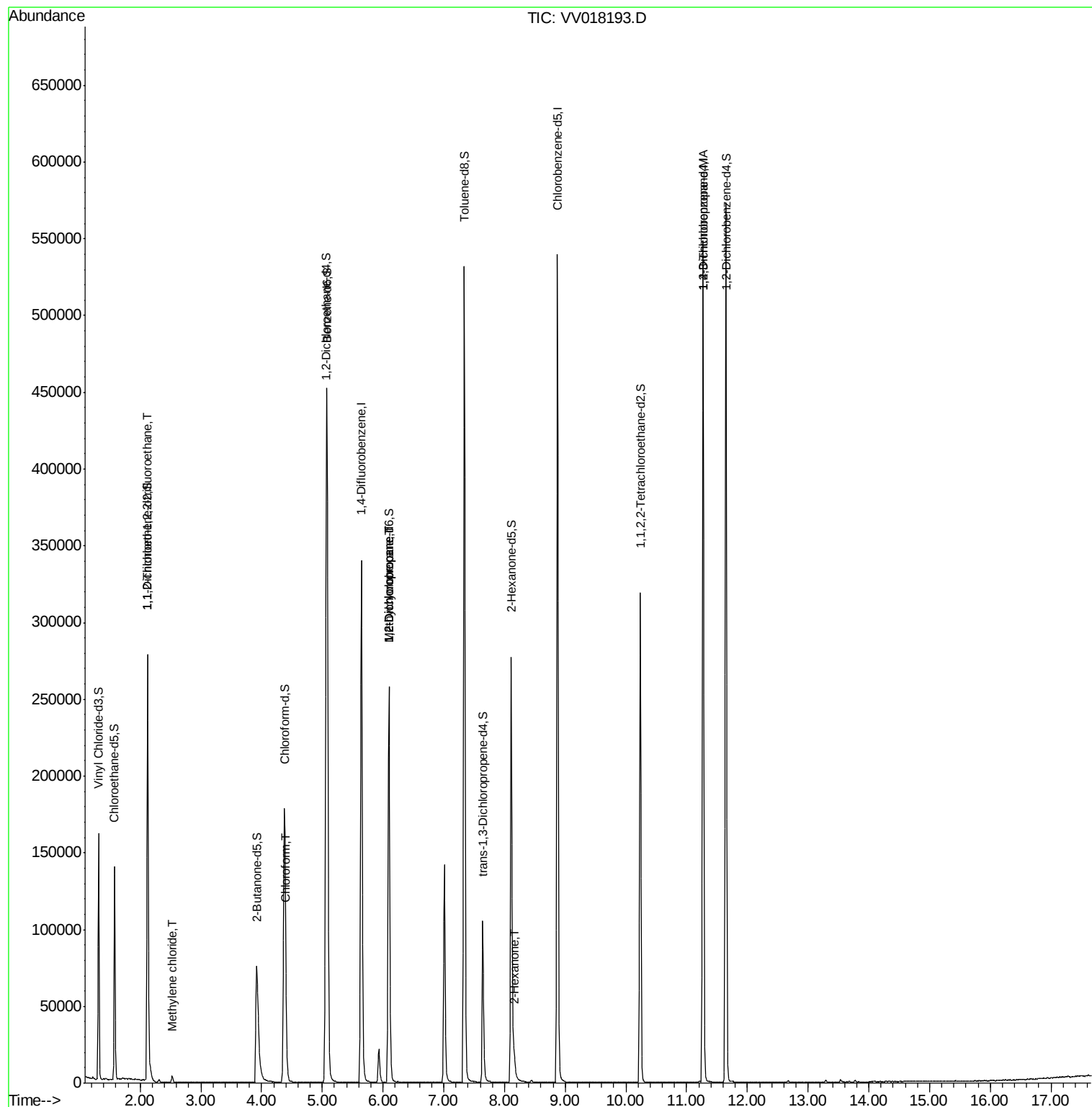
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1439	0.740 ug/L #	20
16) Methylene chloride	2.53	84	1768	0.833 ug/L	97
25) Chloroform	4.41	83	9332	2.489 ug/L	100
35) Methylcyclohexane	6.10	83	30184	8.937 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	13283	6.087 ug/L #	87
48) 2-Hexanone	8.16	43	8612	4.126 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	15963	6.220 ug/L	92

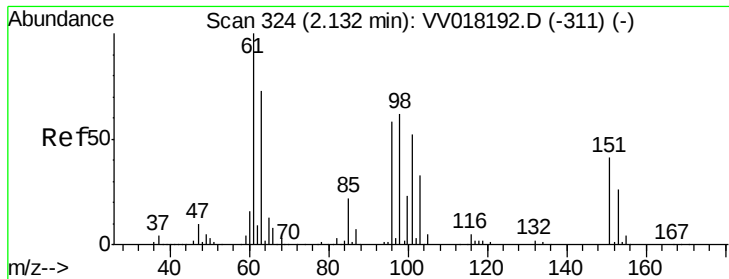
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 12 01:23:11 2020
Response via : Initial Calibration





#10

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

Concen: 0.740 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018193.D

Acq: 11 Sep 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

VBLK66

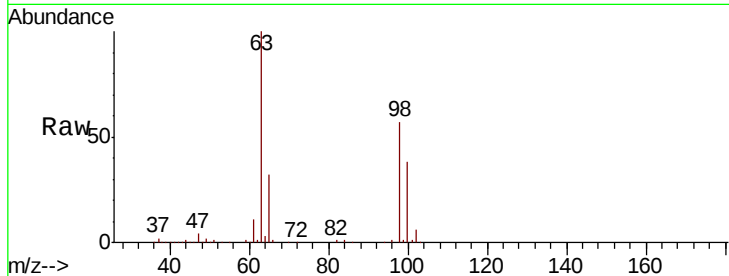
Tot Ion:101 Resp: 1439

Ion Ratio Lower Upper

101 100

85 3.1 33.5 50.3#

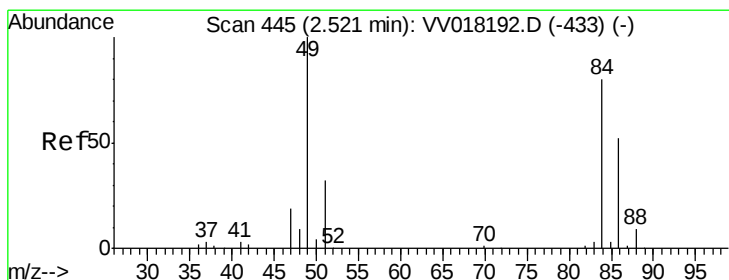
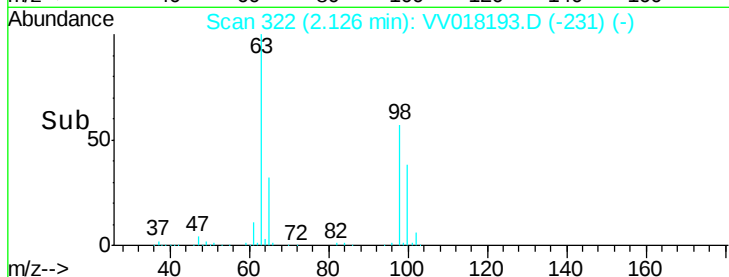
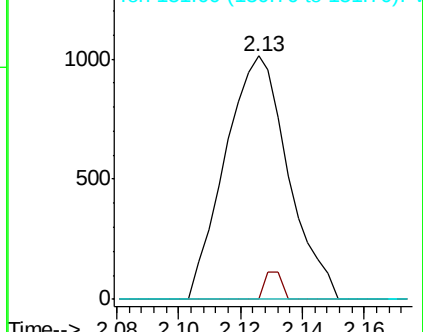
151 0.0 62.2 93.2#



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



#16

Methylene chloride

Concen: 0.833 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV018193.D

Acq: 11 Sep 2020 12:37

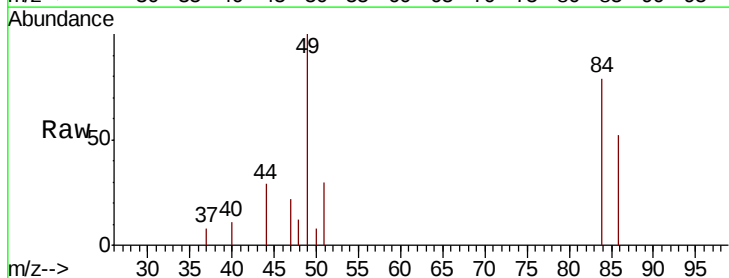
Tgt Ion: 84 Resp: 1768

Ion Ratio Lower Upper

84 100

86 66.1 44.4 82.4

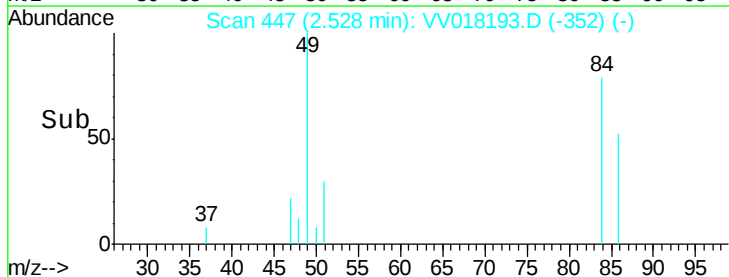
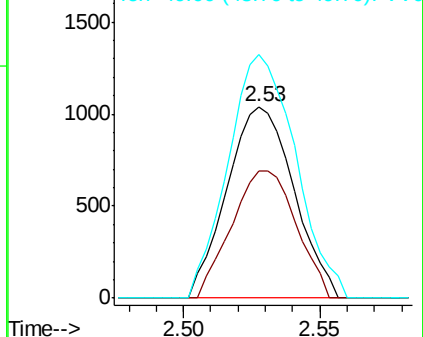
49 127.1 87.2 162.0

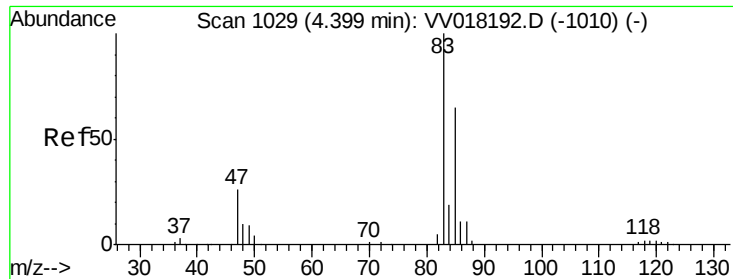


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

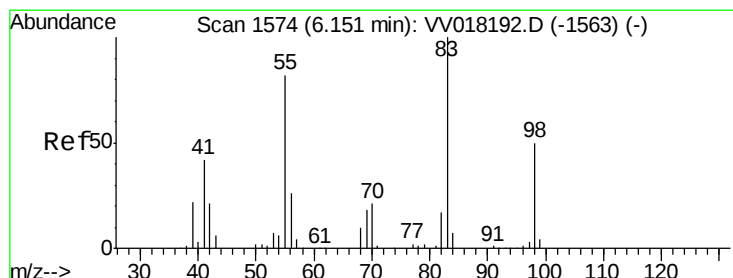
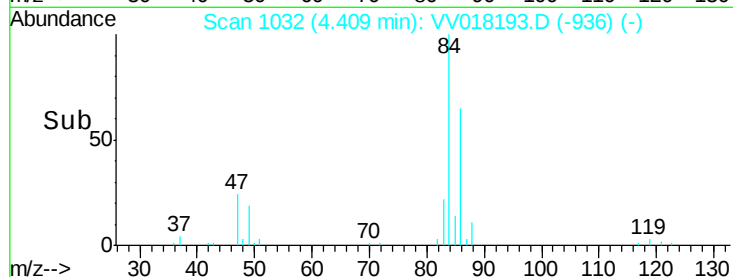
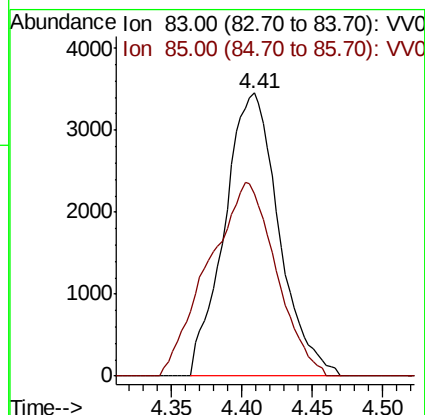
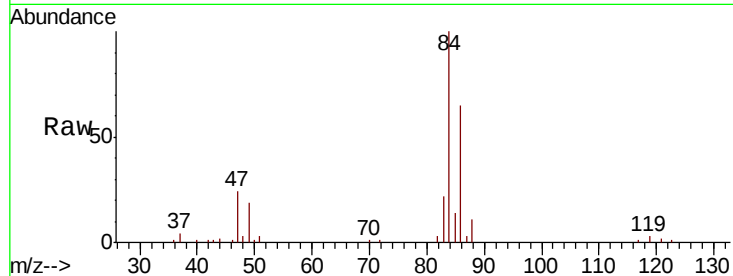




#25
Chloroform
Concen: 2.489 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV018193.D
Acq: 11 Sep 2020 12:37

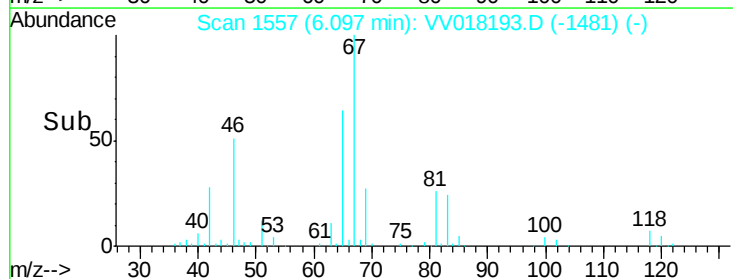
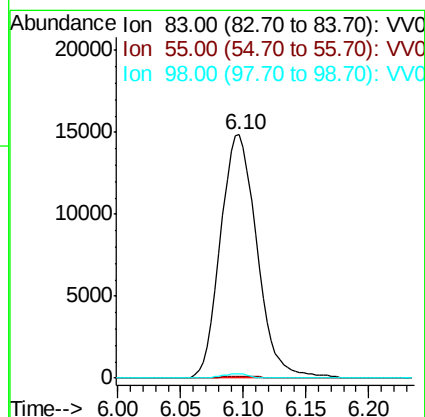
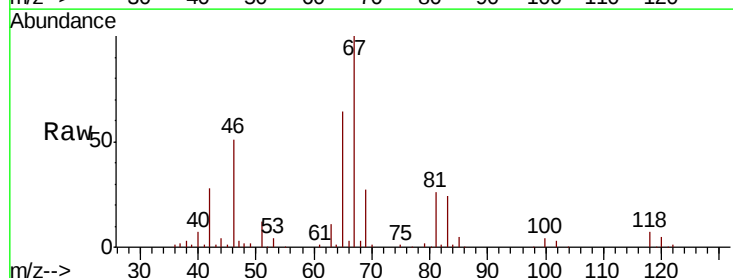
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MSVOA_V
ClientSampleId :
VBLK66

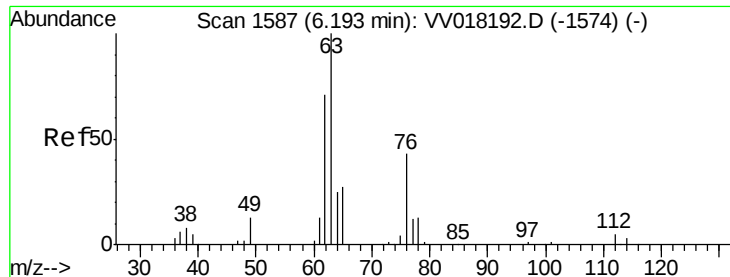
Tot Ion: 83 Resp: 9332
Ion Ratio Lower Upper
83 100
85 64.6 45.0 83.6



#35
Methylcyclohexane
Concen: 8.937 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV018193.D
Acq: 11 Sep 2020 12:37

Tgt Ion: 83 Resp: 30184
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.2 38.8 58.2#

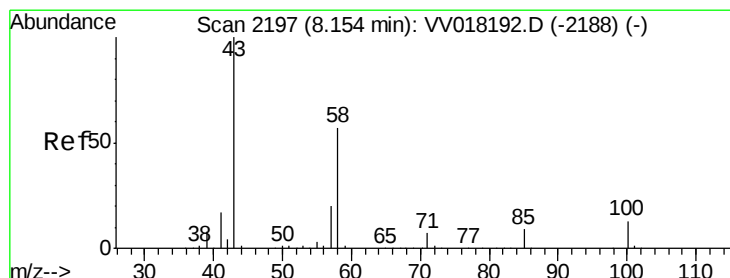
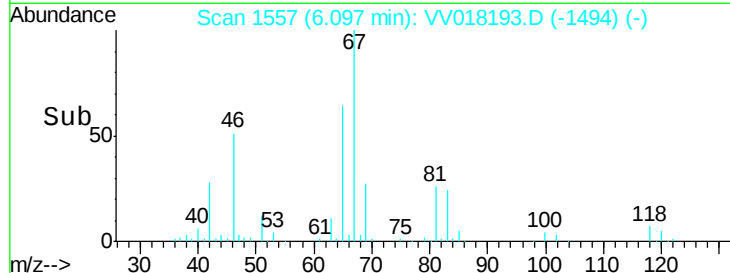
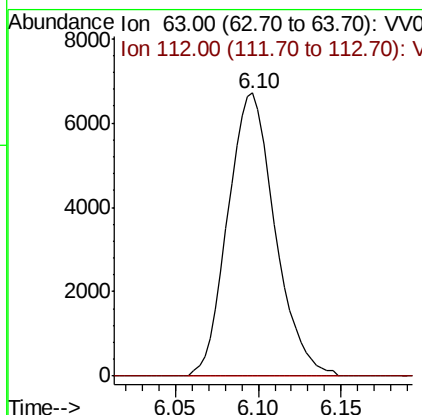
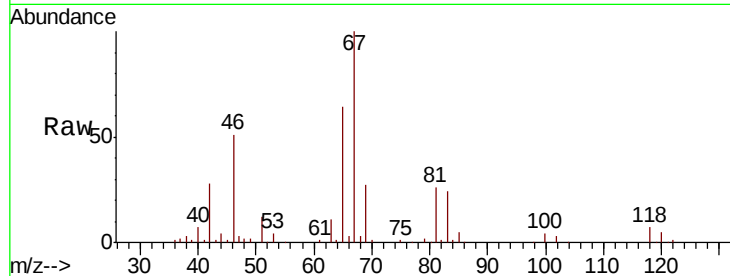




#37
 1,2-Dichloropropane
 Concen: 6.087 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018193.D
 Acq: 11 Sep 2020 12:37

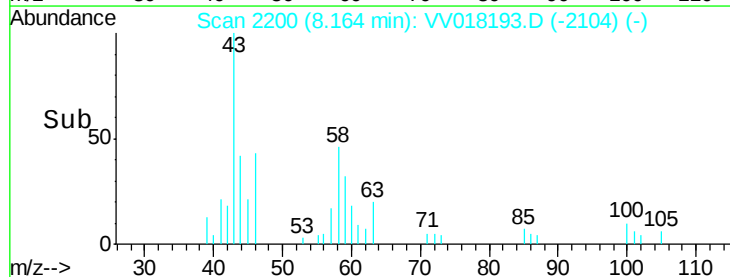
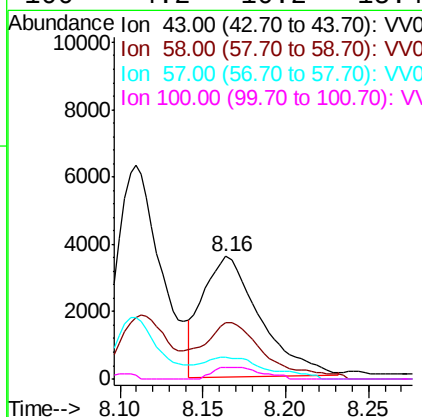
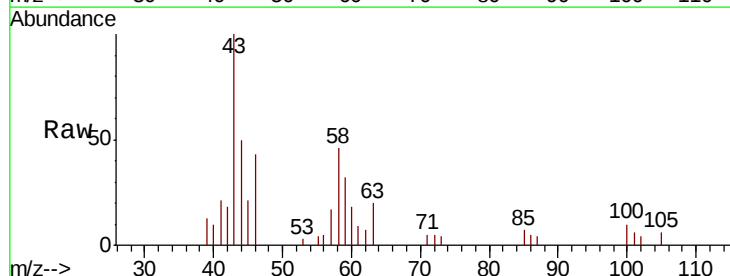
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

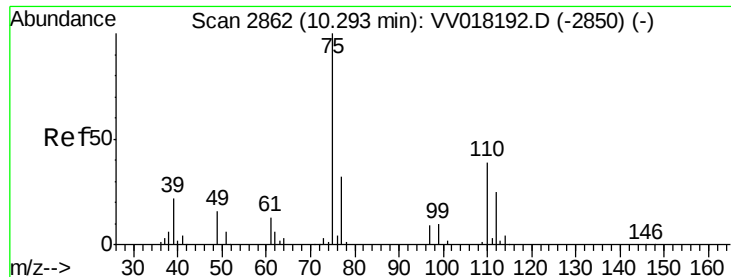
Tot Ion: 63 Resp: 13283
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 4.126 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018193.D
 Acq: 11 Sep 2020 12:37

Tgt Ion: 43 Resp: 8612
 Ion Ratio Lower Upper
 43 100
 58 32.5 44.8 67.2#
 57 3.1 15.8 23.6#
 100 4.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.220 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018193.D

Acq: 11 Sep 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

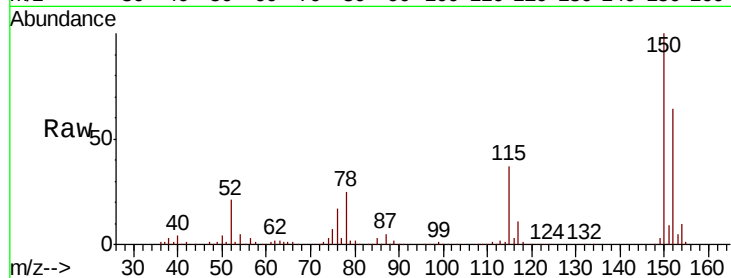
VBLK66

Tot Ion: 75 Resp: 15963

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

