

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100620\
 Data File : VV018687.D
 Acq On : 06 Oct 2020 11:59
 Operator : SY/MD
 Sample : VV1006MBL02
 Misc : 5.00µg/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK306

Quant Time: Oct 07 05:42:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 05:40:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	228008	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	226783	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	103954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75714	53.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.04%
7) Chloroethane-d5	1.58	69	59547	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.12	63	115991	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
21) 2-Butanone-d5	3.90	46	113162	111.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.58%
24) Chloroform-d	4.37	84	139513	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.06	65	97932	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
32) Benzene-d6	5.07	84	268314	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
36) 1,2-Dichloropropane-d6	6.09	67	83429	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.62%
41) Toluene-d8	7.34	98	243552	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.64	79	42158	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.11	63	48830	72.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.05%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	91710	38.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.56%
66) 1,2-Dichlorobenzene-d4	11.65	152	100848	52.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.22%

Target Compounds

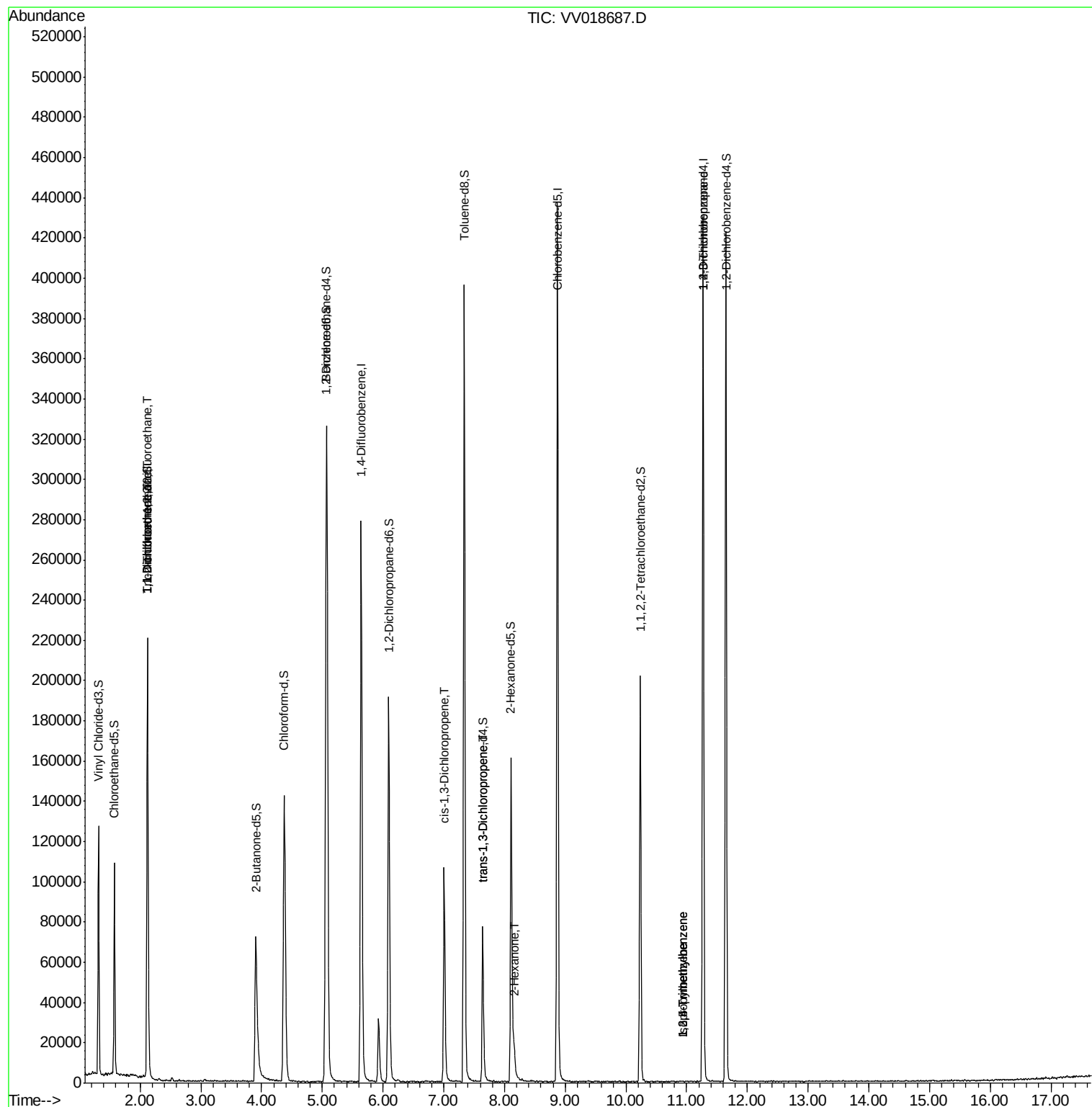
					Ovalue
9) Trichlorofluoromethane	2.12	101	1068	0.393 ug/L #	39
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1068	0.641 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1115	0.704 ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	3066	1.138 ug/L #	48
44) trans-1,3-Dichloropropene	7.64	75	2300	0.861 ug/L	90
48) 2-Hexanone	8.16	43	9675	5.356 ug/L #	86
60) Isopropylbenzene	10.94	105	67	0.010 ug/L #	39
61) 1,2,3-Trichloropropane	11.27	75	12569	6.968 ug/L #	62
62) 1,3,5-Trimethylbenzene	10.94	105	67	0.013 ug/L #	78
63) 1,2,4-Trimethylbenzene	10.94	105	67	0.013 ug/L #	71

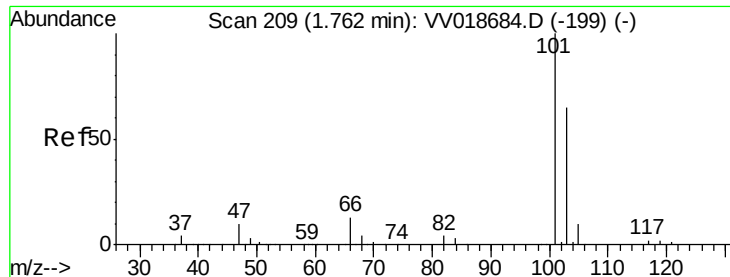
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100620\
Data File : VV018687.D
Acq On : 06 Oct 2020 11:59
Operator : SY/MD
Sample : VV1006MBL02
Misc : 5.00µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK306

Quant Time: Oct 07 05:42:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 05:40:49 2020
Response via : Initial Calibration



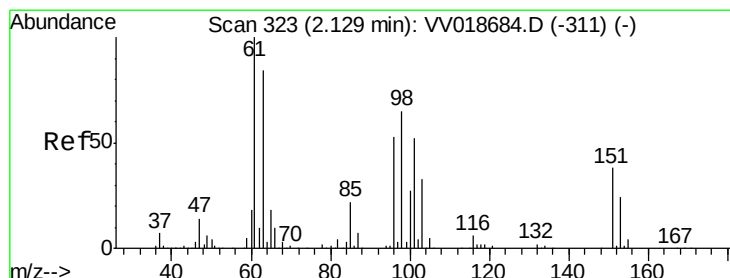
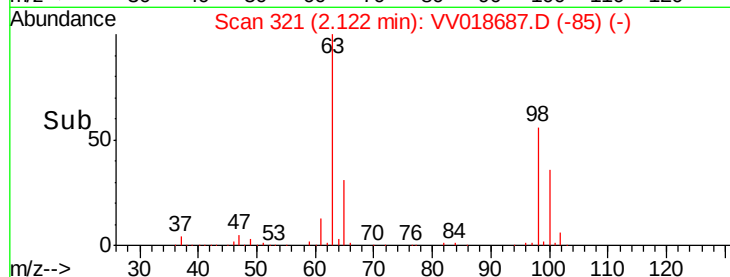
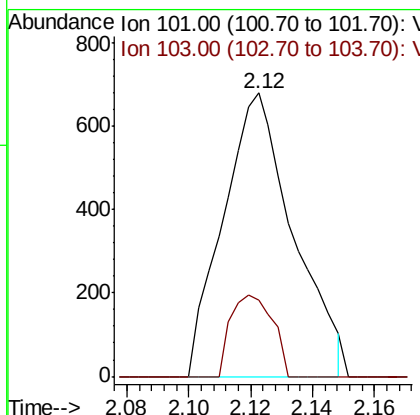
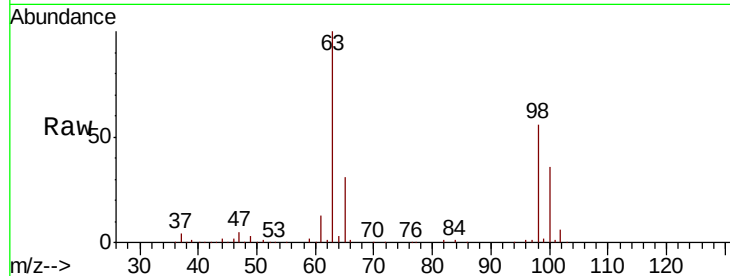


#9

Trichlorofluoromethane
 Concen: 0.393 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. 0.36 min
 Lab File: VV018687.D
 Acq: 06 Oct 2020 11:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK306

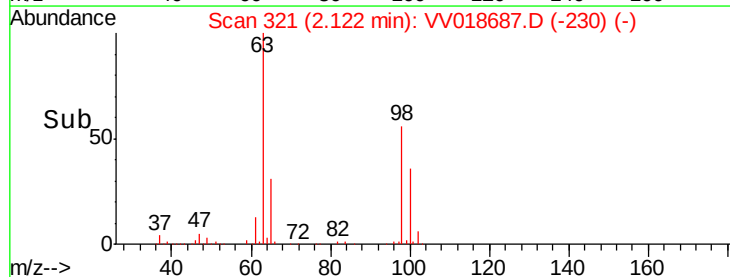
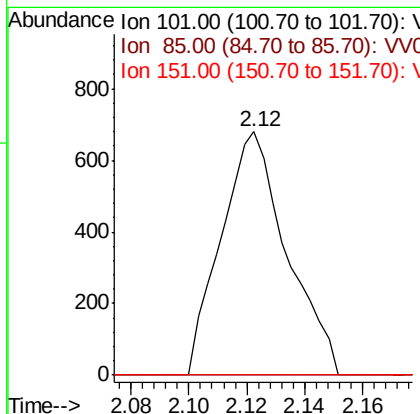
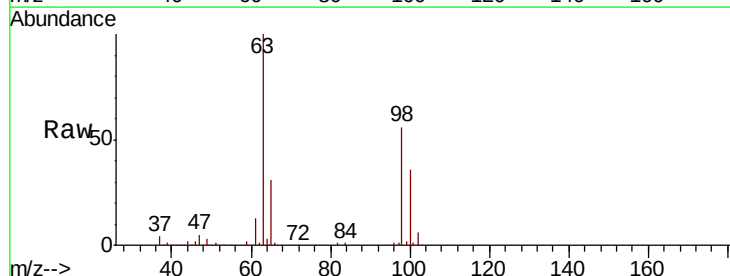
Tot Ion:101 Resp: 1068
 Ion Ratio Lower Upper
 101 100
 103 17.2 52.1 78.1#

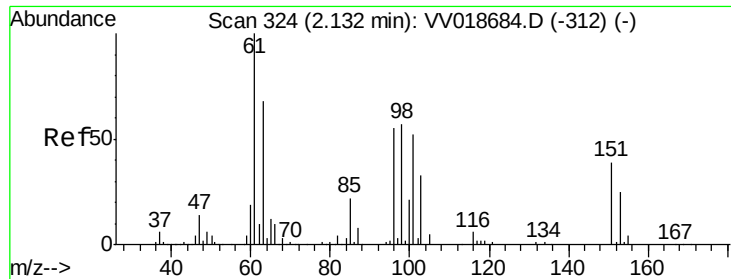


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.641 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018687.D
 Acq: 06 Oct 2020 11:59

Tgt Ion:101 Resp: 1068
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.4 93.6#

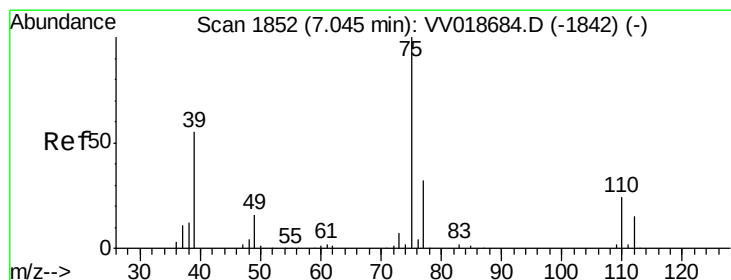
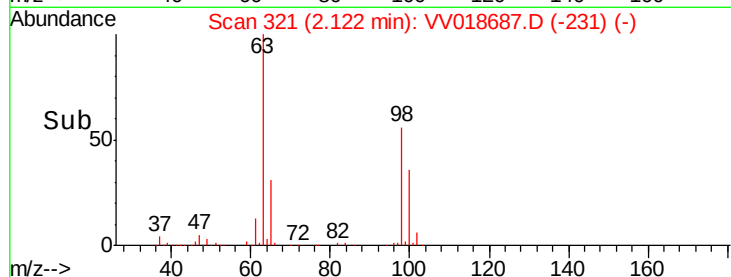
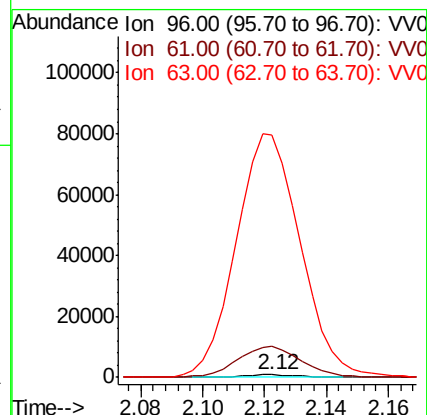
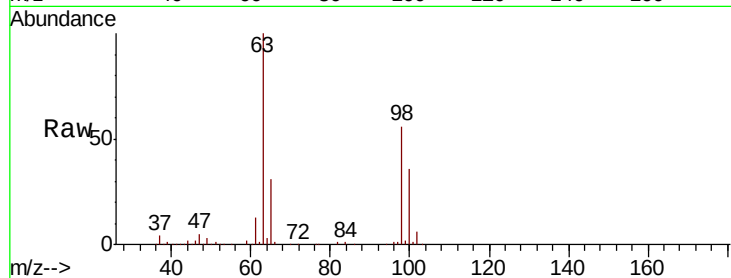




#12
 1,1-Dichloroethene
 Concen: 0.704 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018687.D
 Acq: 06 Oct 2020 11:59

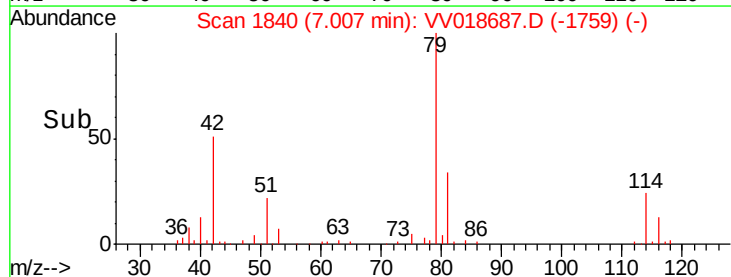
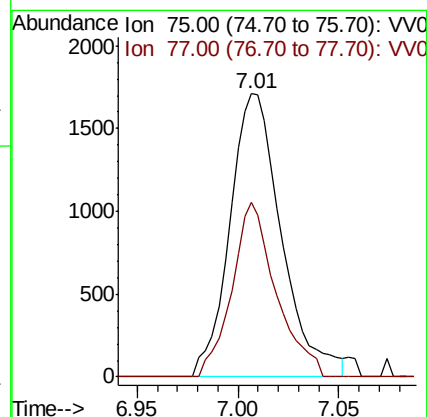
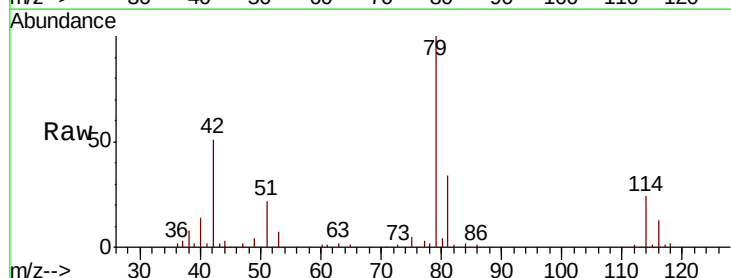
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK306

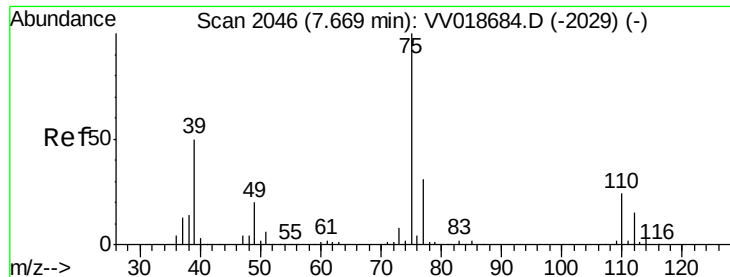
Tot Ion: 96 Resp: 1115
 Ion Ratio Lower Upper
 96 100
 61 1258.0 121.0 224.8#
 63 9930.0 93.0 172.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.138 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018687.D
 Acq: 06 Oct 2020 11:59

Tgt Ion: 75 Resp: 3066
 Ion Ratio Lower Upper
 75 100
 77 61.7 22.7 42.1#





#44

trans-1,3-Dichloropropene

Concen: 0.861 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. -0.03 min

Lab File: VV018687.D

Acq: 06 Oct 2020 11:59

Instrument :

MSVOA_V

ClientSampleId :

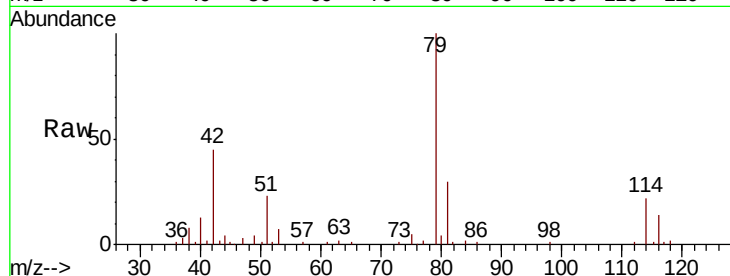
VBLK306

Tot Ion: 75 Resp: 2300

Ion Ratio Lower Upper

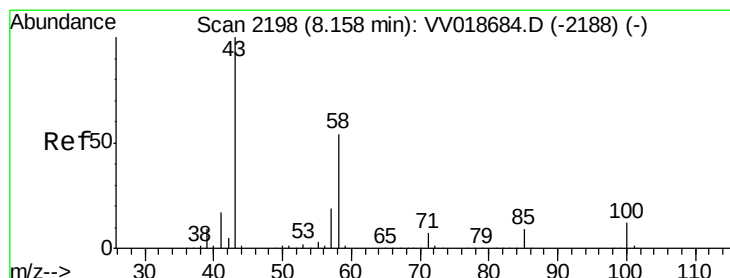
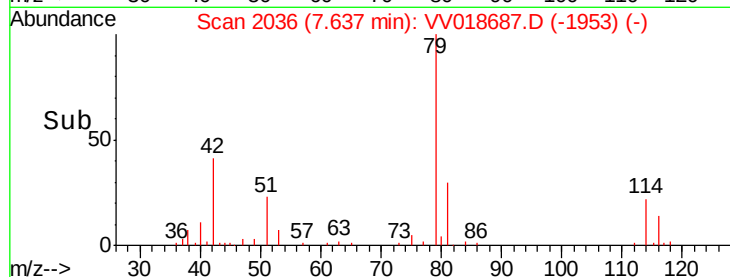
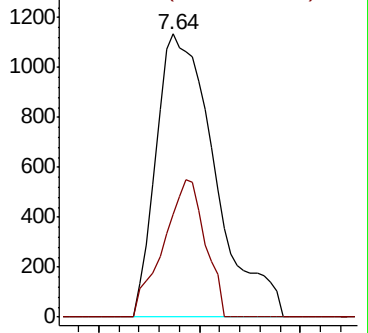
75 100

77 36.4 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV018684.D (-2029) (-)

Ion 77.00 (76.70 to 77.70): VV018684.D (-2029) (-)



#48

2-Hexanone

Concen: 5.356 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018687.D

Acq: 06 Oct 2020 11:59

Tgt Ion: 43 Resp: 9675

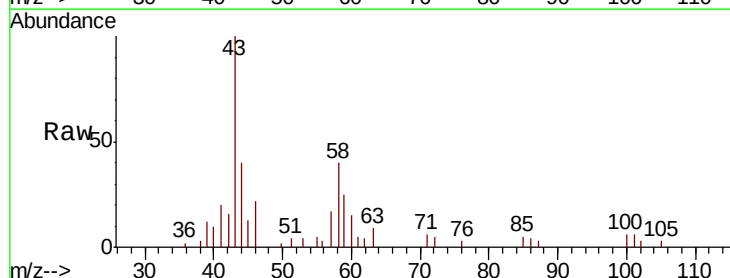
Ion Ratio Lower Upper

43 100

58 45.4 45.4 68.0

57 17.4 16.0 24.0

100 5.4 10.1 15.1#

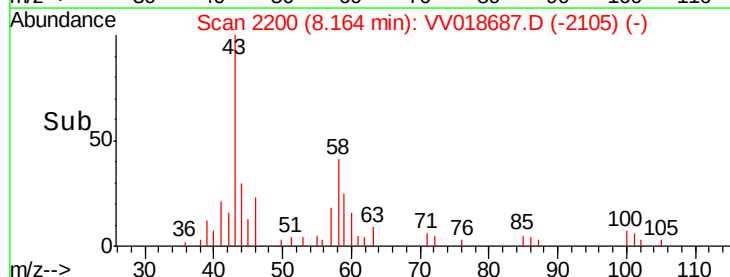
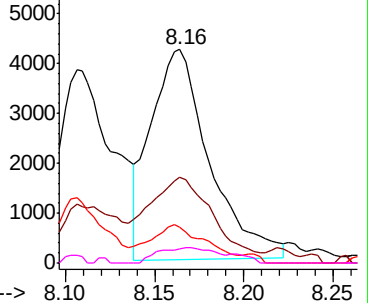


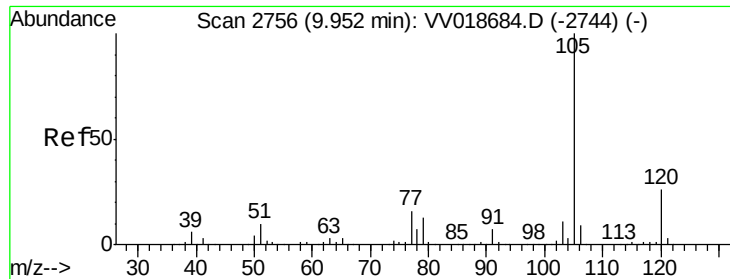
Abundance Ion 43.00 (42.70 to 43.70): VV018684.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV018684.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV018684.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV018684.D (-2188) (-)





#60

Isopropylbenzene

Concen: 0.010 ug/L

RT: 10.94 min Scan# 3064

Delta R.T. 0.99 min

Lab File: VV018687.D

Acq: 06 Oct 2020 11:59

Instrument :

MSVOA_V

ClientSampleId :

VBLK306

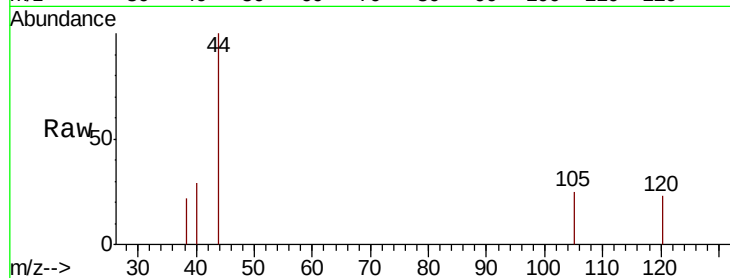
Tot Ion:105 Resp: 67

Ion Ratio Lower Upper

105 100

120 64.2 20.8 31.2#

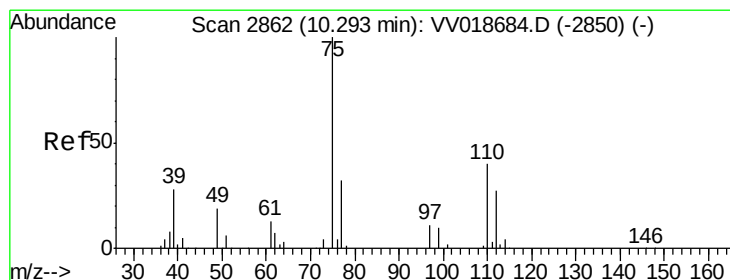
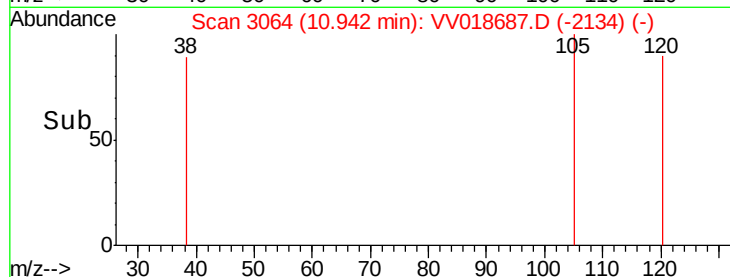
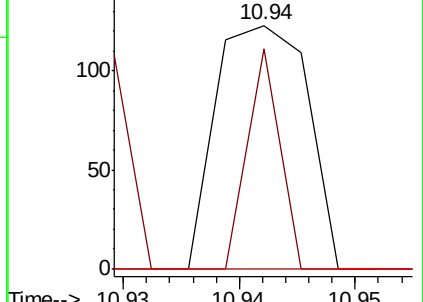
77 0.0 12.8 19.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 6.968 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018687.D

Acq: 06 Oct 2020 11:59

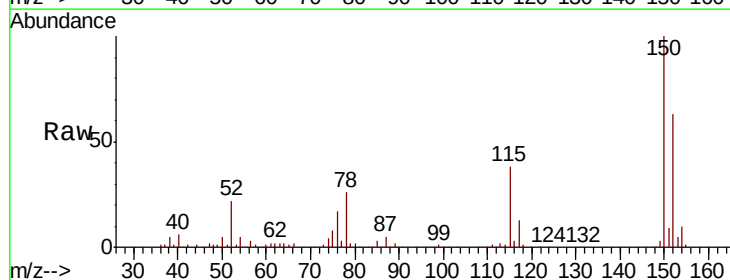
Tgt Ion: 75 Resp: 12569

Ion Ratio Lower Upper

75 100

77 39.8 25.8 38.8#

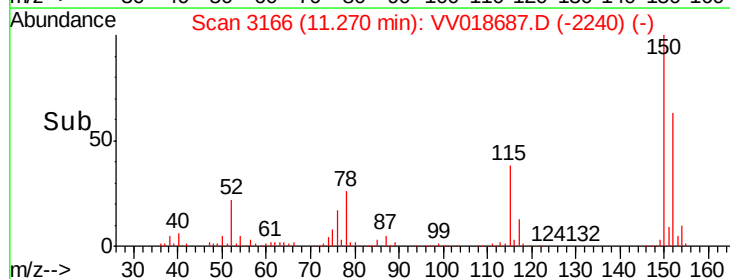
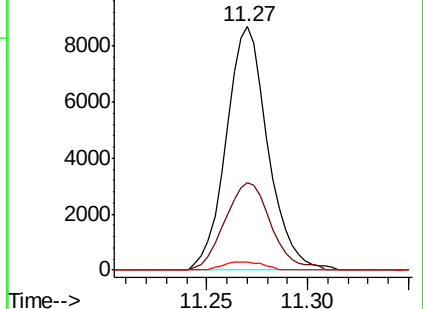
110 3.2 31.5 47.3#

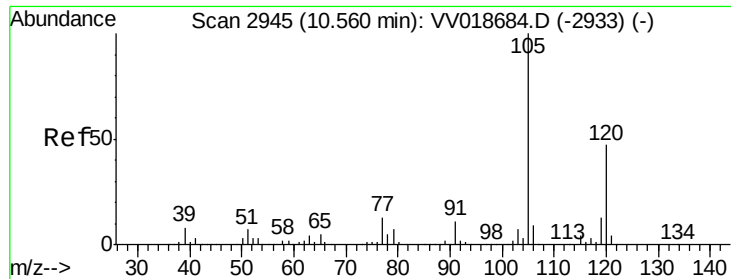


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V

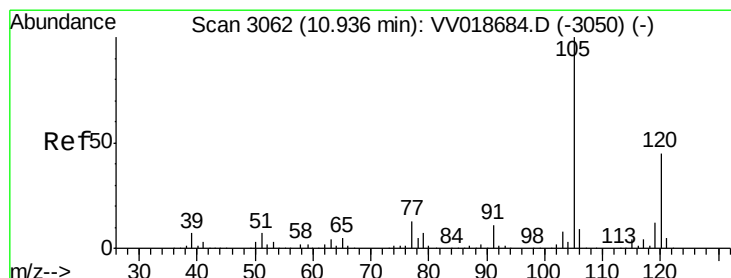
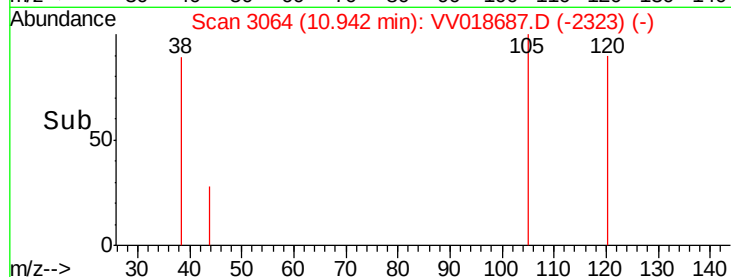
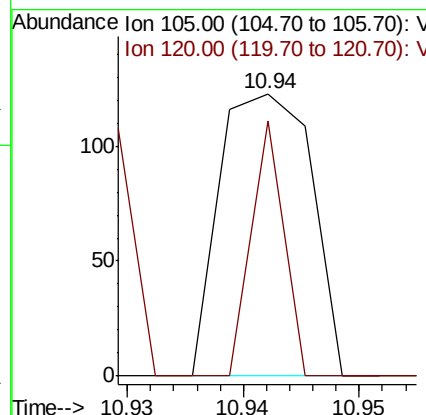
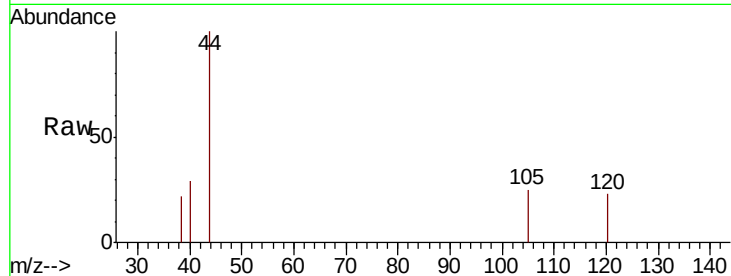




#62
 1,3,5-Trimethylbenzene
 Concen: 0.013 ug/L
 RT: 10.94 min Scan# 3064
 Delta R.T. 0.38 min
 Lab File: VV018687.D
 Acq: 06 Oct 2020 11:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK306

Tot Ion:105 Resp: 67
 Ion Ratio Lower Upper
 105 100
 120 64.2 39.1 58.7#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.013 ug/L
 RT: 10.94 min Scan# 3064
 Delta R.T. 0.01 min
 Lab File: VV018687.D
 Acq: 06 Oct 2020 11:59

Tgt Ion:105 Resp: 67
 Ion Ratio Lower Upper
 105 100
 120 64.2 36.2 54.2#

