

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021020\
 Data File : VV014546.D
 Acq On : 10 Feb 2020 12:58
 Operator : SY/MD
 Sample : VV0210WBL07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 04:45:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 04:43:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	342201	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	316942	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	158186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72444	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.08%
7) Chloroethane-d5	1.58	69	52535	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.16%
11) 1,1-Dichloroethene-d2	2.13	63	91890	32.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.22%
21) 2-Butanone-d5	3.92	46	131912	92.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.09%
24) Chloroform-d	4.40	84	200081	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
26) 1,2-Dichloroethane-d4	5.08	65	128359	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
32) Benzene-d6	5.10	84	419330	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.11	67	129760	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	7.36	98	391091	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	67719	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.86%
47) 2-Hexanone-d5	8.13	63	107116	93.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.56%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	171878	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
66) 1,2-Dichlorobenzene-d4	11.67	152	152968	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%

Target Compounds

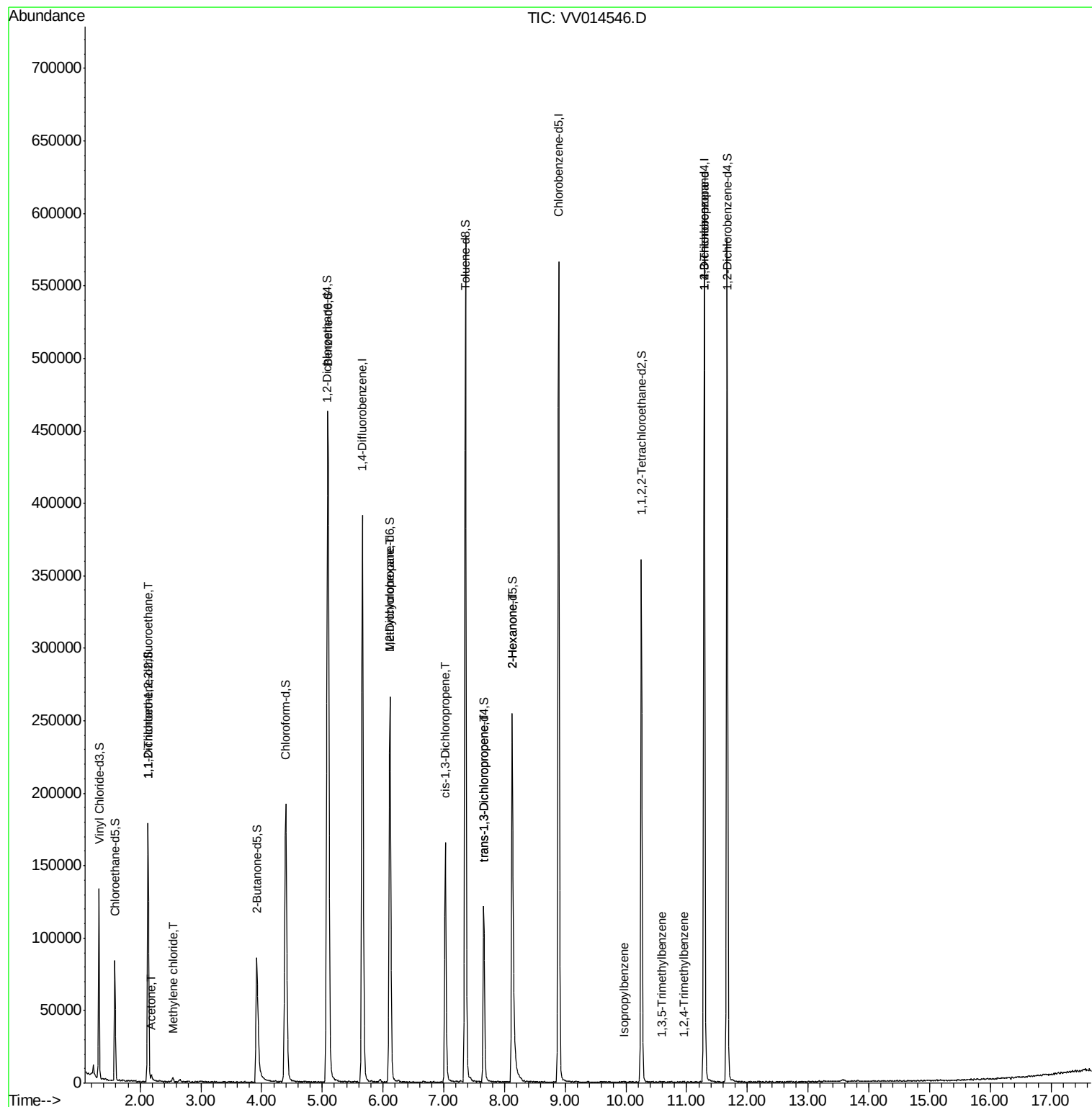
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	870	0.633	ug/L #	17
13) Acetone	2.19	43	3385	2.822	ug/L	97
16) Methylene chloride	2.53	84	1133	0.454	ug/L	87
35) Methylcyclohexane	6.12	83	32769	8.119	ug/L #	19
39) cis-1,3-Dichloropropene	7.03	75	4230	1.068	ug/L #	60
44) trans-1,3-Dichloropropene	7.66	75	2924	0.824	ug/L	89
48) 2-Hexanone	8.13	43	13113	5.554	ug/L #	70
60) Isopropylbenzene	9.97	105	130	0.012	ug/L #	54
61) 1,2,3-Trichloropropane	11.29	75	17698	6.317	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.59	105	207	0.023	ug/L #	79
63) 1,2,4-Trimethylbenzene	10.95	105	329	0.036	ug/L #	81

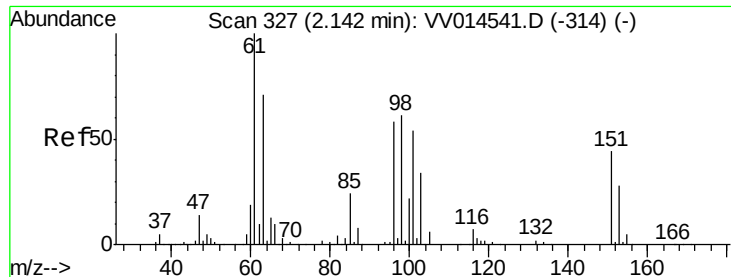
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV021020\
Data File : VV014546.D
Acq On : 10 Feb 2020 12:58
Operator : SY/MD
Sample : VV0210WBL07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 11 04:45:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 11 04:43:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.633 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014546.D

Acq: 10 Feb 2020 12:58

Instrument :

MSVOA_V

ClientSampled :

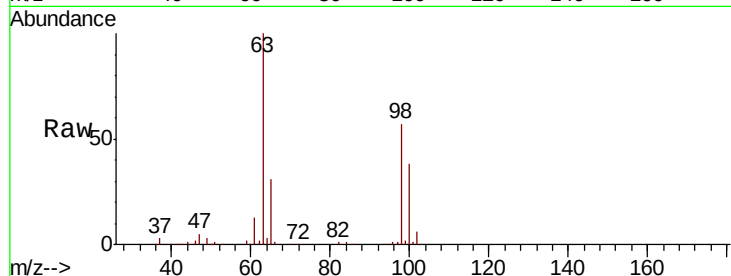
Tot Ion:101 Resp: 870

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

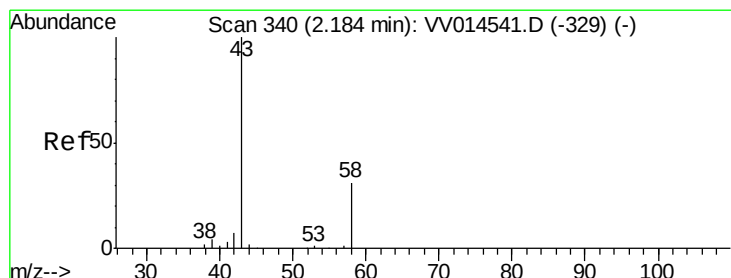
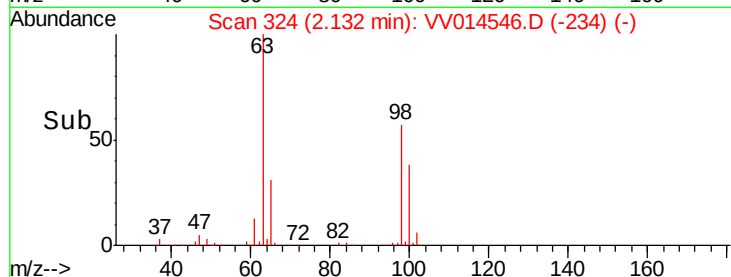
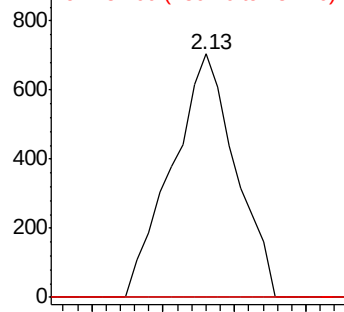
151 0.0 64.4 96.6#



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: 2.822 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014546.D

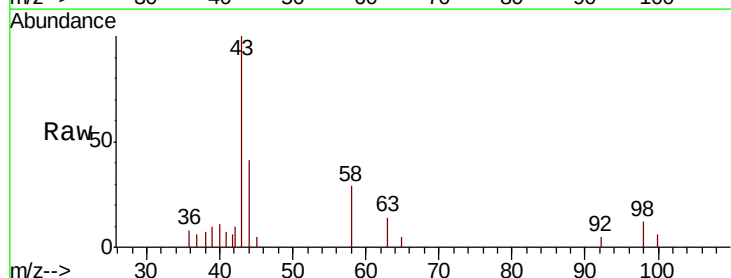
Acq: 10 Feb 2020 12:58

Tgt Ion: 43 Resp: 3385

Ion Ratio Lower Upper

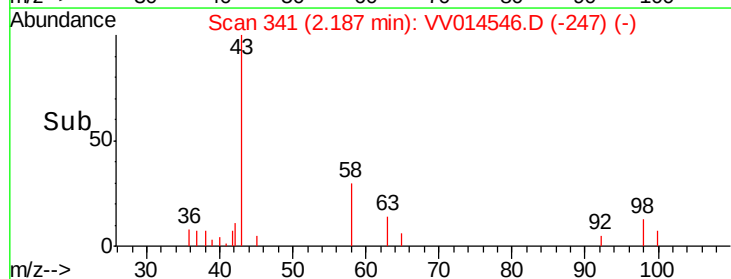
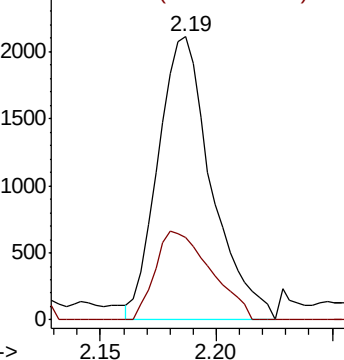
43 100

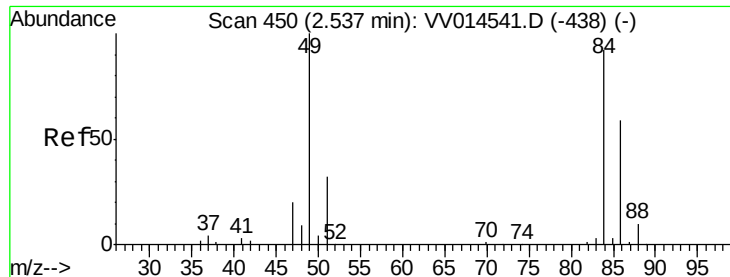
58 32.7 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

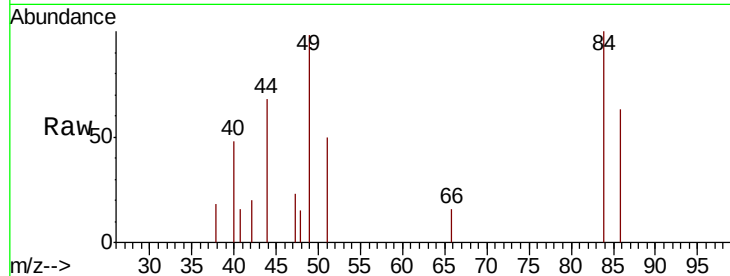




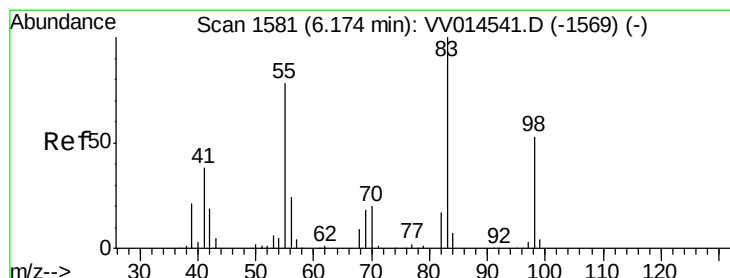
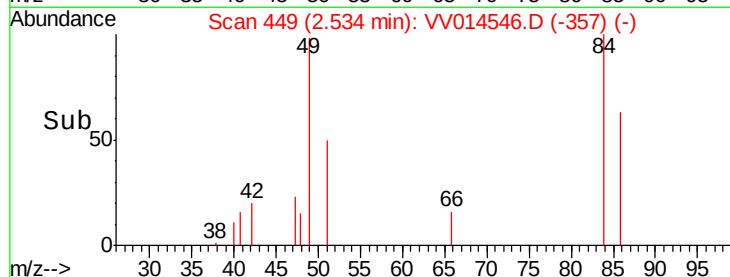
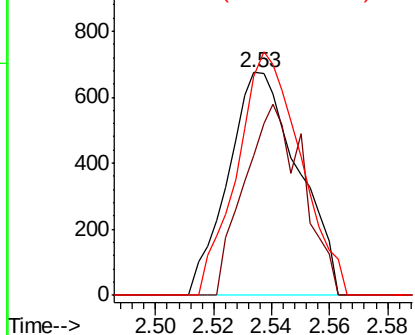
#16
Methylene chloride
Concen: 0.454 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV014546.D
Acq: 10 Feb 2020 12:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1133
Ion Ratio Lower Upper
84 100
86 62.7 44.6 82.8
49 98.2 83.2 154.4

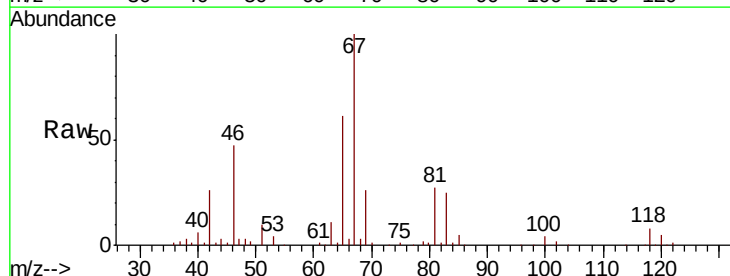


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

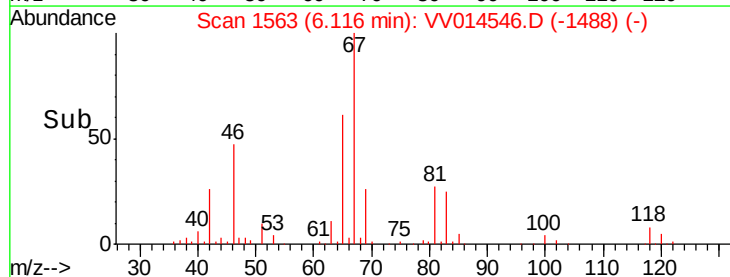
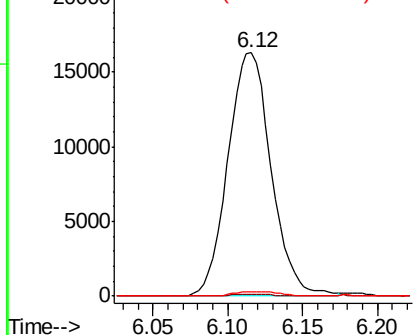


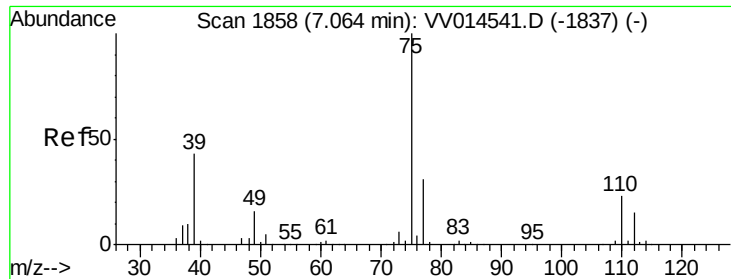
#35
Methylcyclohexane
Concen: 8.119 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014546.D
Acq: 10 Feb 2020 12:58

Tgt Ion: 83 Resp: 32769
Ion Ratio Lower Upper
83 100
55 0.4 60.7 91.1#
98 1.8 39.4 59.0#



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



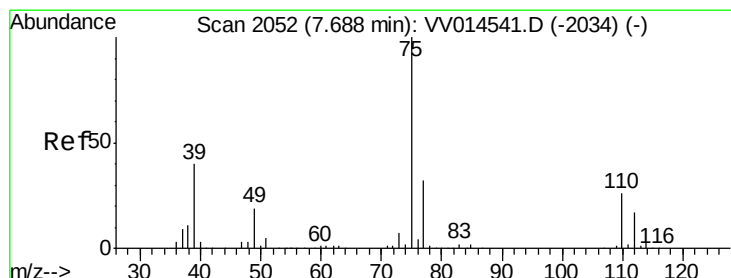
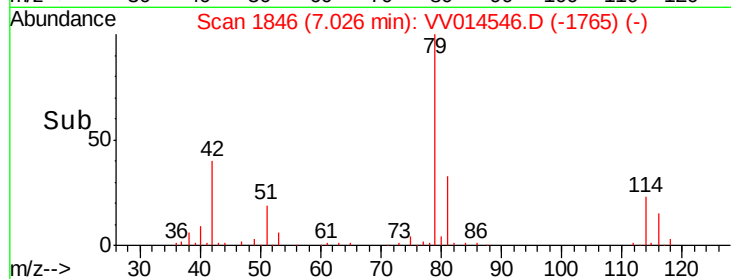
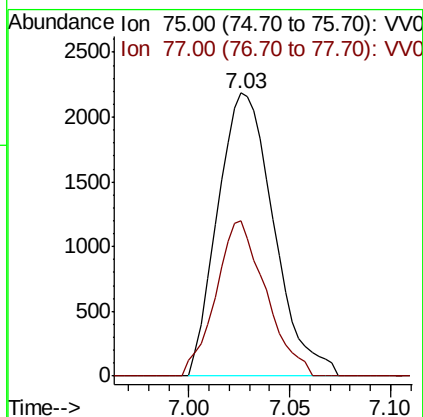
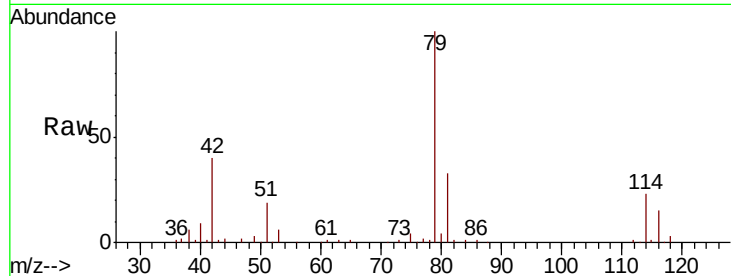


#39

cis-1,3-Dichloropropene
Concen: 1.068 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014546.D
Acq: 10 Feb 2020 12:58

Instrument :
MSVOA_V
ClientSampleId :

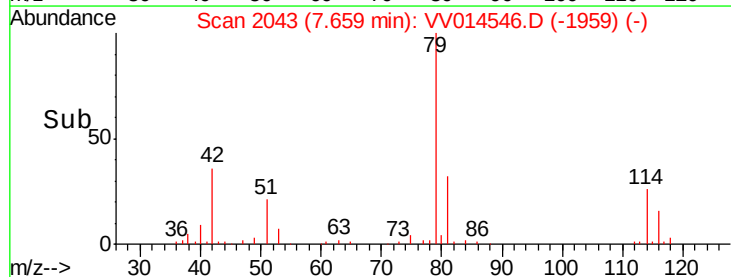
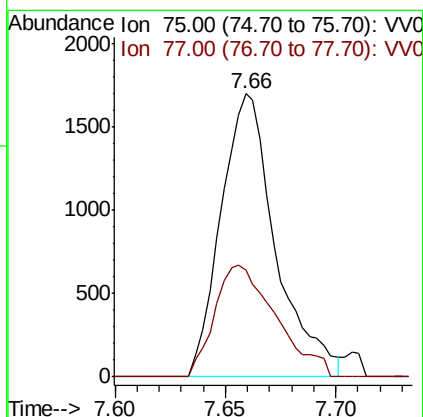
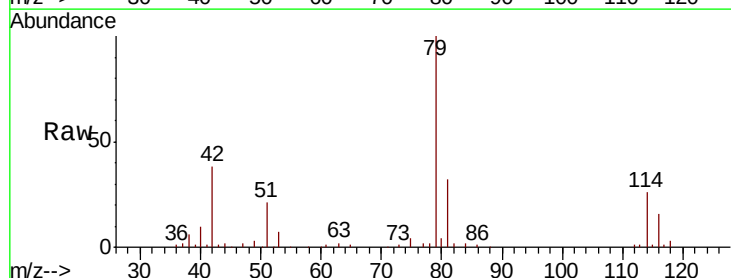
Tot Ion: 75 Resp: 4230
Ion Ratio Lower Upper
75 100
77 54.7 22.7 42.1#

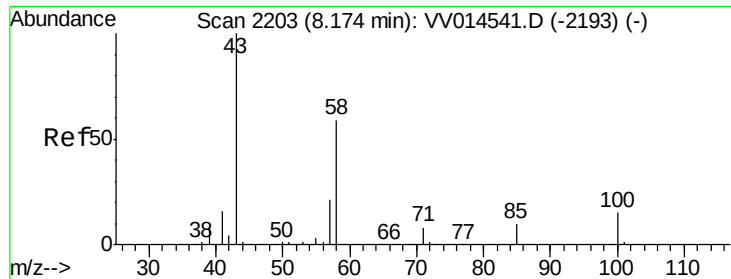


#44

trans-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014546.D
Acq: 10 Feb 2020 12:58

Tgt Ion: 75 Resp: 2924
Ion Ratio Lower Upper
75 100
77 37.6 22.2 41.2





#48

2-Hexanone

Concen: 5.554 ug/L

RT: 8.13 min Scan# 2188

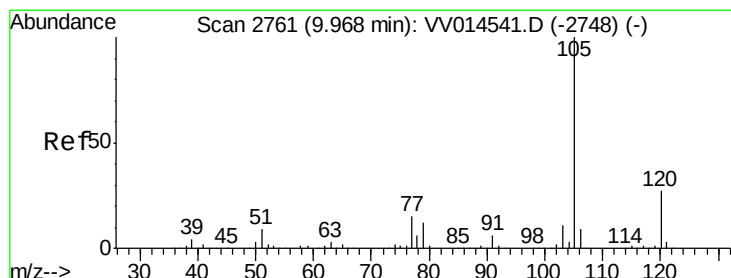
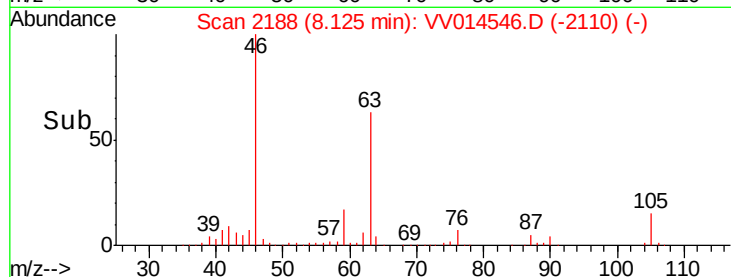
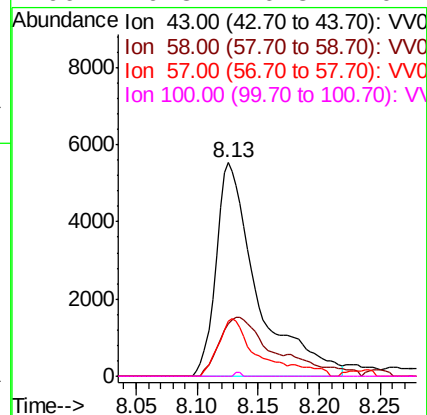
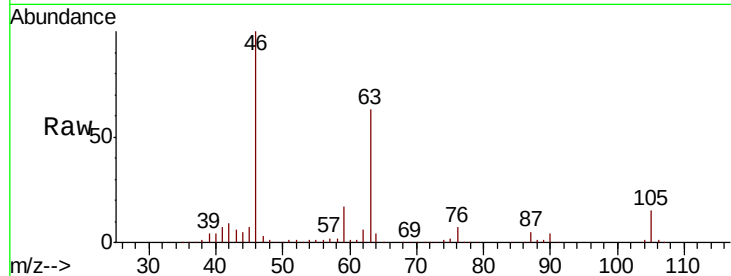
Delta R.T. -0.05 min

Lab File: VV014546.D

Acq: 10 Feb 2020 12:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	13113
Ion	Ratio	Lower	Upper
43	100		
58	29.1	45.5	68.3#
57	21.5	15.8	23.6
100	0.3	10.8	16.2#



#60

Isopropylbenzene

Concen: 0.012 ug/L

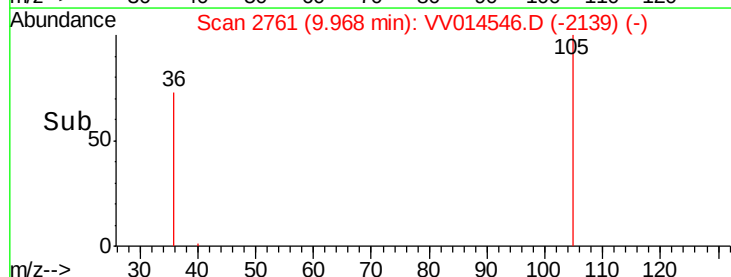
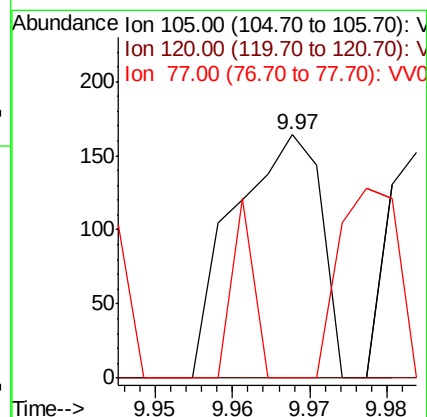
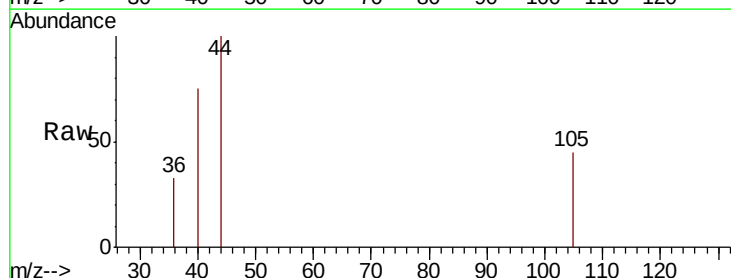
RT: 9.97 min Scan# 2761

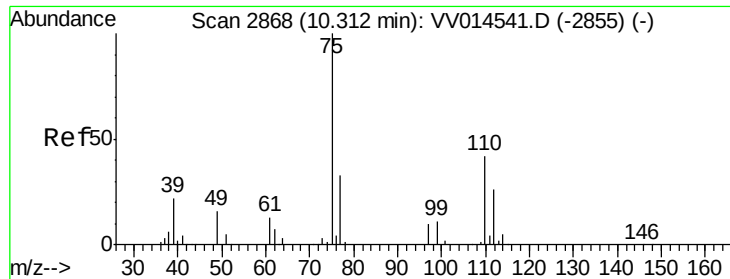
Delta R.T. -0.00 min

Lab File: VV014546.D

Acq: 10 Feb 2020 12:58

Tgt Ion:	105	Resp:	130
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.5	32.3#
77	0.0	12.2	18.4#

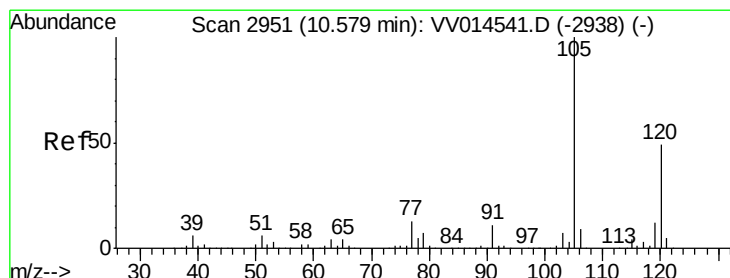
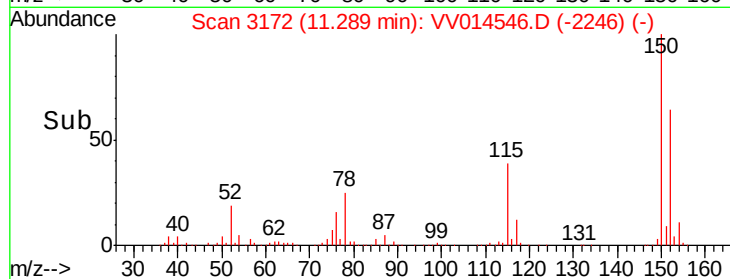
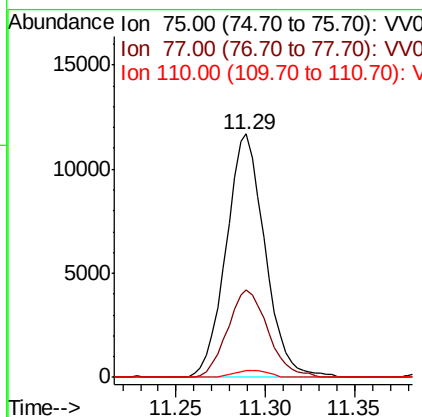
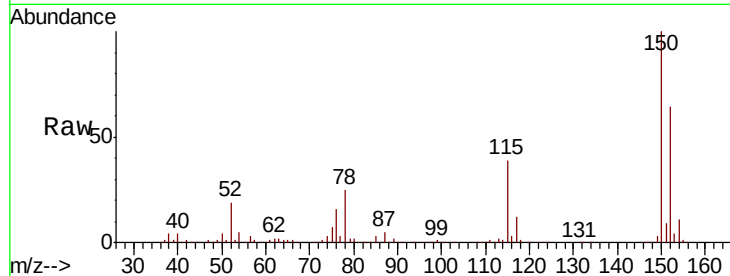




#61
 1,2,3-Trichloropropane
 Concen: 6.317 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV014546.D
 Acq: 10 Feb 2020 12:58

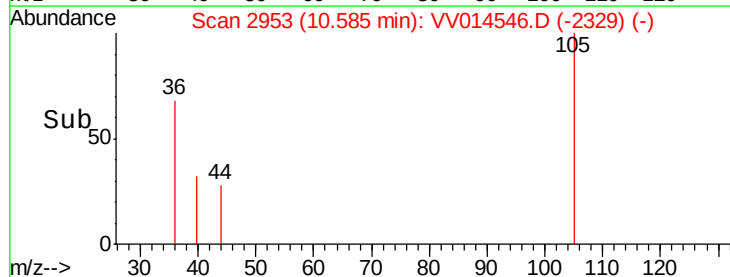
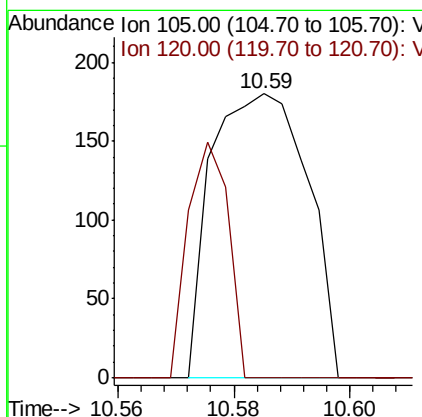
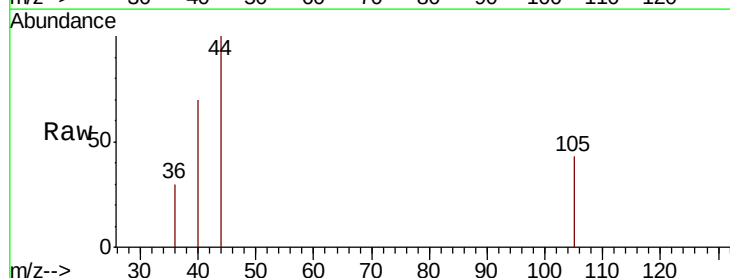
Instrument :
 MSVOA_V
 ClientSampled :

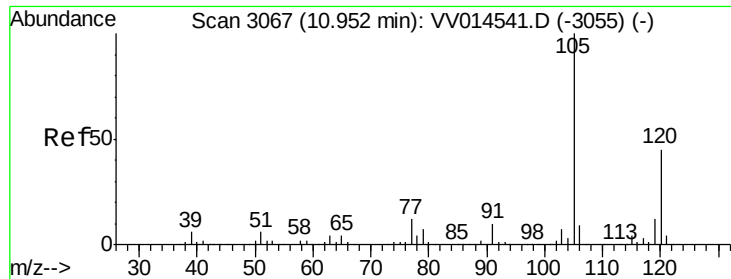
Tot Ion: 75 Resp: 17698
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.8 38.8
 110 2.7 32.4 48.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.023 ug/L
 RT: 10.59 min Scan# 2953
 Delta R.T. 0.01 min
 Lab File: VV014546.D
 Acq: 10 Feb 2020 12:58

Tgt Ion: 105 Resp: 207
 Ion Ratio Lower Upper
 105 100
 120 34.8 39.0 58.6#





#63

1,2,4-Trimethylbenzene

Concen: 0.036 ug/L

RT: 10.95 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VV014546.D

Acq: 10 Feb 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:105 Resp: 329

Ion Ratio Lower Upper

105 100

120 32.8 36.2 54.4#

