

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021020\
 Data File : VV014542.D
 Acq On : 10 Feb 2020 11:21
 Operator : SY/MD
 Sample : VV0210MBL03
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 04:45:02 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	347738	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	328484	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	165642	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76466	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.10%
7) Chloroethane-d5	1.59	69	55033	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.70%
11) 1,1-Dichloroethene-d2	2.13	63	94660	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	3.92	46	128997	88.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.62%
24) Chloroform-d	4.40	84	203567	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.08	65	128099	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
32) Benzene-d6	5.10	84	431117	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.11	67	133109	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.36	98	401742	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%
43) trans-1,3-Dichloropropene-	7.66	79	71242	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.28%
47) 2-Hexanone-d5	8.13	63	107856	90.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.90%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	174471	48.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.34%
66) 1,2-Dichlorobenzene-d4	11.67	152	157507	49.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.16%

Target Compounds

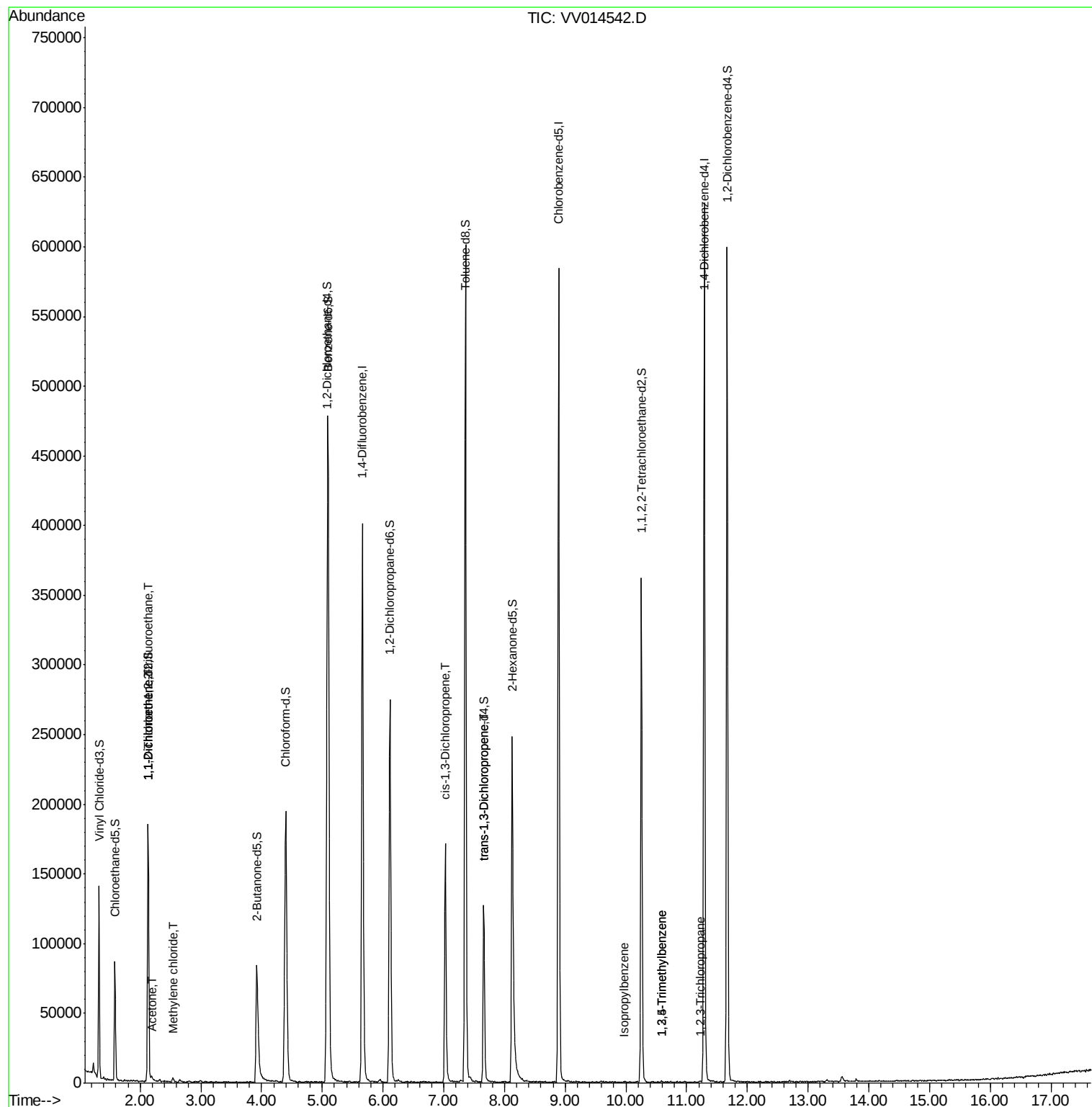
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	962	0.688	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	775	0.580	ug/L #	1
13) Acetone	2.19	43	2777	2.278	ug/L	99
16) Methylene chloride	2.54	84	1211	0.477	ug/L #	82
39) cis-1,3-Dichloropropene	7.02	75	3963	0.966	ug/L #	68
44) trans-1,3-Dichloropropene	7.66	75	3206	0.871	ug/L	86
60) Isopropylbenzene	9.97	105	279	0.025	ug/L #	77
61) 1,2,3-Trichloropropane	11.22	75	64	0.022	ug/L #	40
62) 1,3,5-Trimethylbenzene	10.58	105	347	0.036	ug/L #	83
63) 1,2,4-Trimethylbenzene	10.58	105	347	0.037	ug/L	88

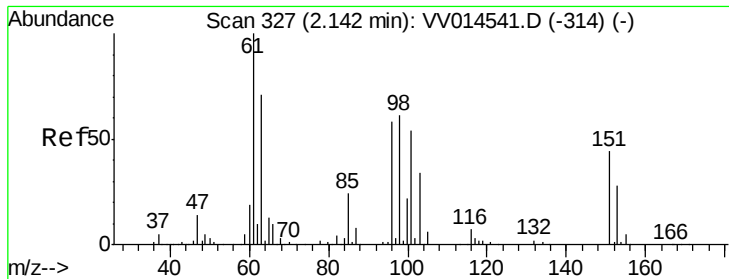
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV021020\
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MSVOA_V
ClientSampleId :

Quant Time: Feb 11 04:45:02 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: 0.688 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014542.D

Acq: 10 Feb 2020 11:21

Instrument :

MSVOA_V

ClientSampleId :

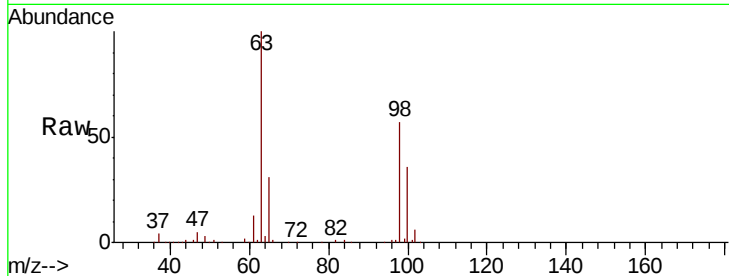
Tot Ion:101 Resp: 962

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

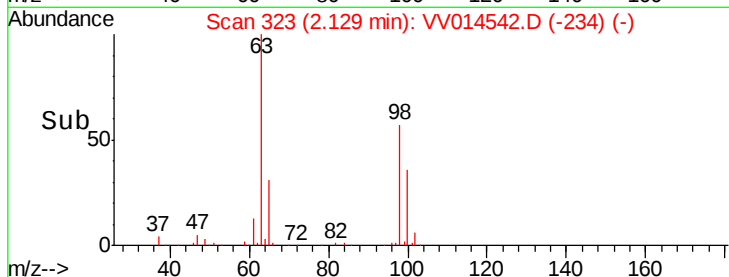
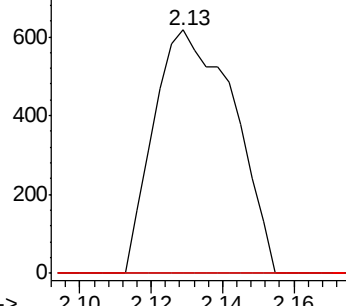
151 0.0 64.4 96.6#



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



#12

1,1-Dichloroethene

Concen: 0.580 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014542.D

Acq: 10 Feb 2020 11:21

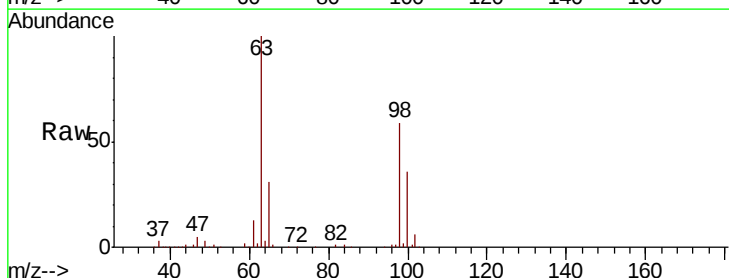
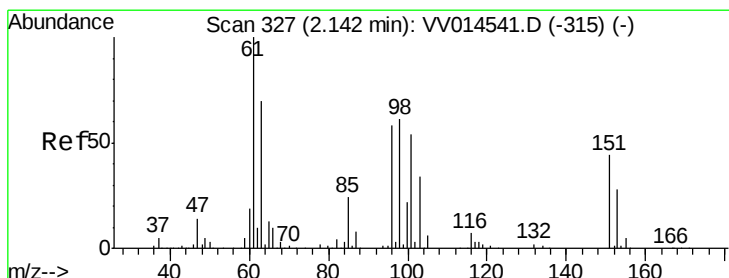
Tgt Ion: 96 Resp: 775

Ion Ratio Lower Upper

96 100

61 1581.3 125.0 232.2#

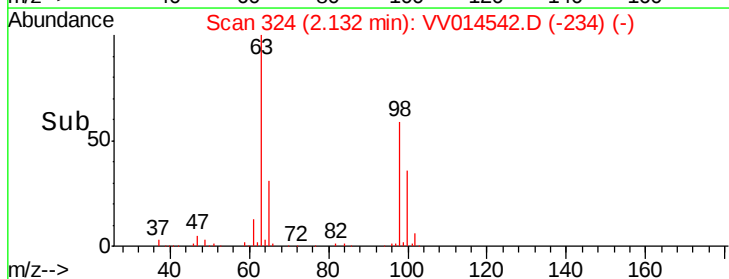
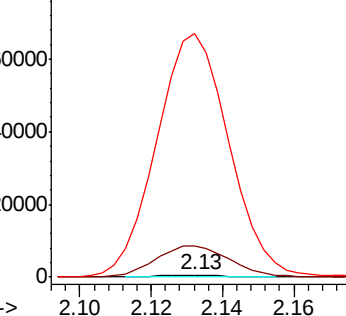
63 12140.6 101.6 188.6#

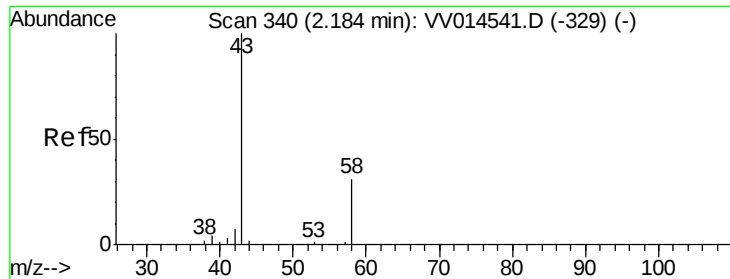


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.278 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014542.D

Acq: 10 Feb 2020 11:21

Instrument :

MSVOA_V

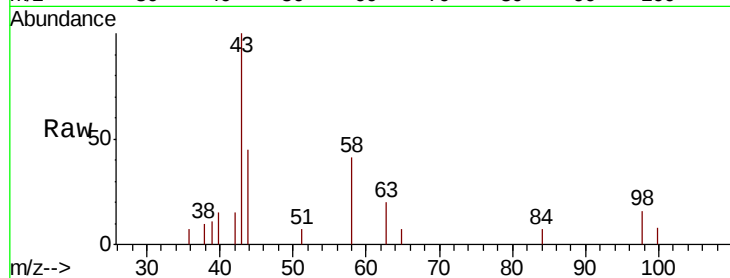
ClientSampleId :

Tot Ion: 43 Resp: 2777

Ion Ratio Lower Upper

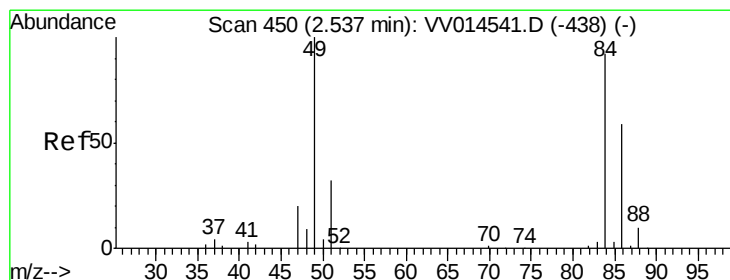
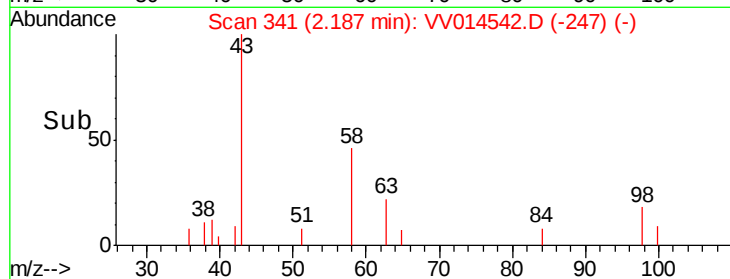
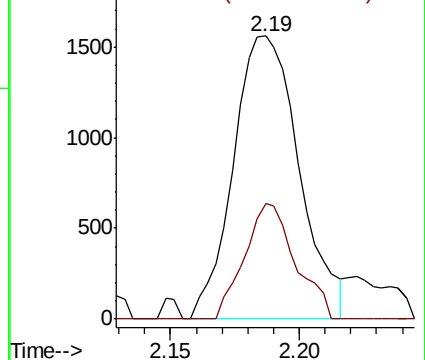
43 100

58 31.5 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: 0.477 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV014542.D

Acq: 10 Feb 2020 11:21

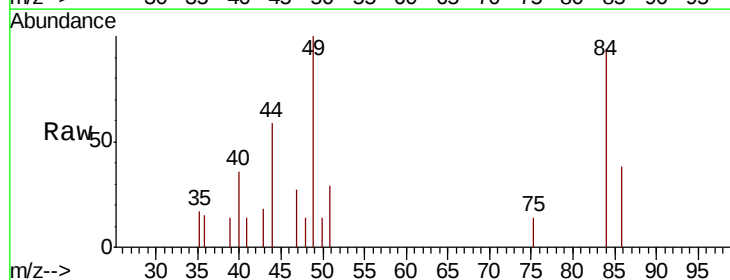
Tgt Ion: 84 Resp: 1211

Ion Ratio Lower Upper

84 100

86 40.7 44.6 82.8#

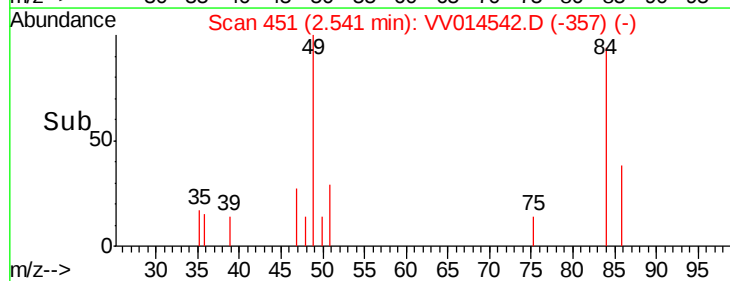
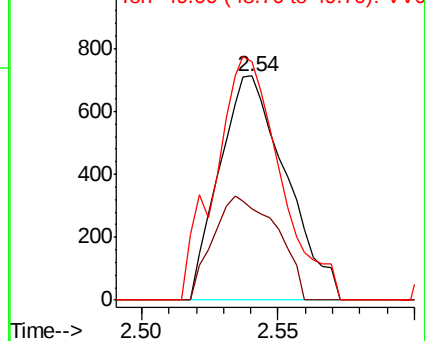
49 106.3 83.2 154.4

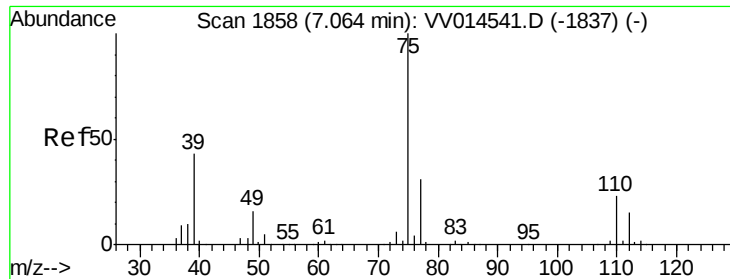


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

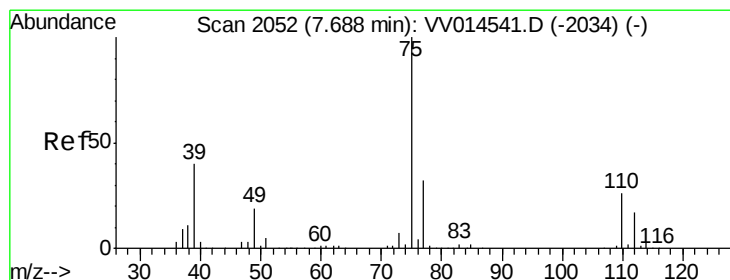
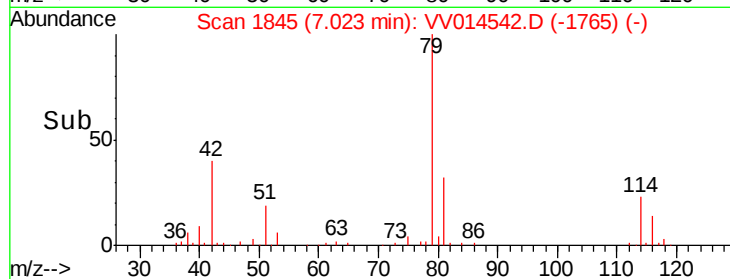
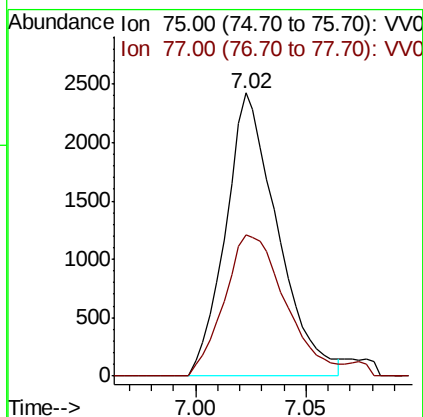
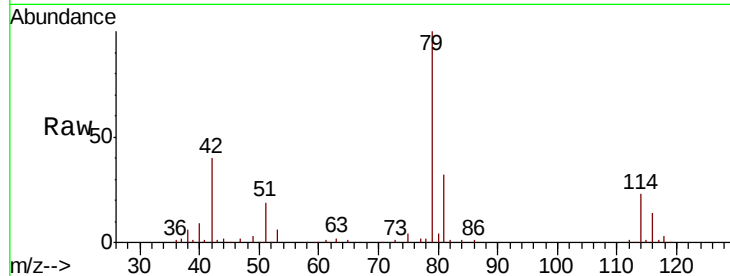




#39
 cis-1,3-Dichloropropene
 Concen: 0.966 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014542.D
 Acq: 10 Feb 2020 11:21

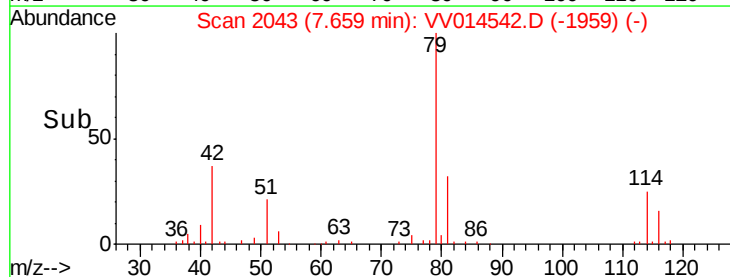
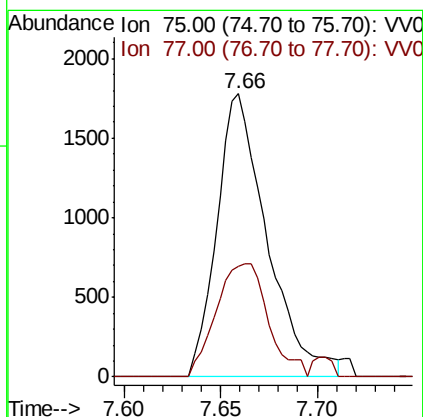
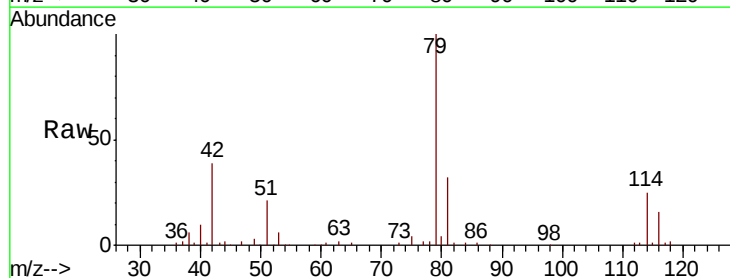
Instrument :
 MSVOA_V
 ClientSampled :

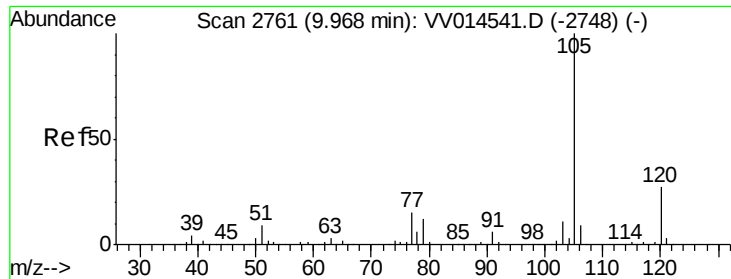
Tot Ion: 75 Resp: 3963
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.7 42.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.871 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV014542.D
 Acq: 10 Feb 2020 11:21

Tgt Ion: 75 Resp: 3206
 Ion Ratio Lower Upper
 75 100
 77 39.3 22.2 41.2





#60

Isopropylbenzene

Concen: 0.025 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV014542.D

Acq: 10 Feb 2020 11:21

Instrument :

MSVOA_V

ClientSampleId :

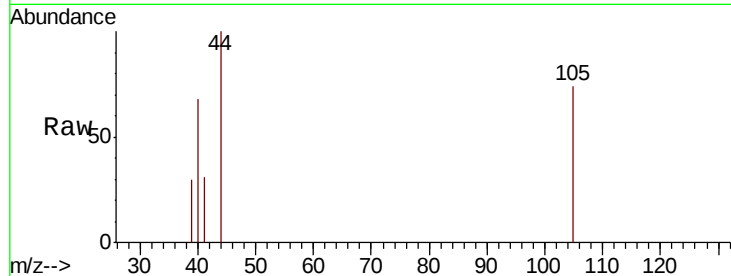
Tot Ion:105 Resp: 279

Ion Ratio Lower Upper

105 100

120 14.3 21.5 32.3#

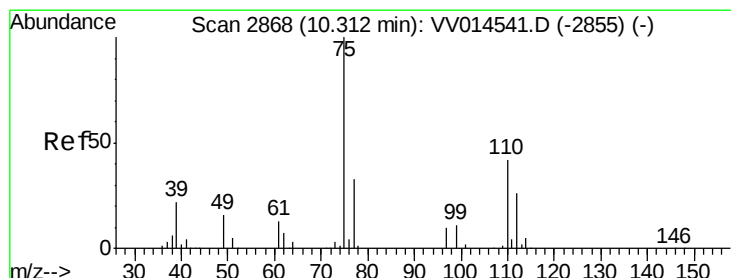
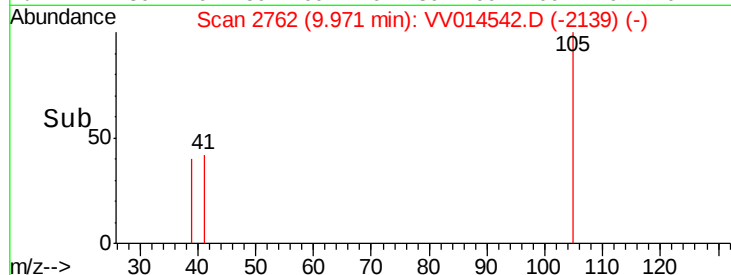
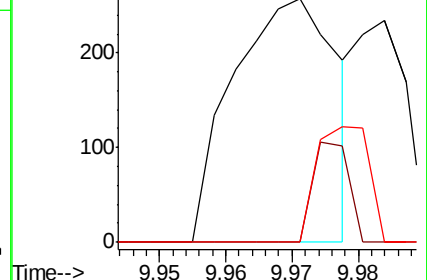
77 24.4 12.2 18.4#



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: 0.022 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.91 min

Lab File: VV014542.D

Acq: 10 Feb 2020 11:21

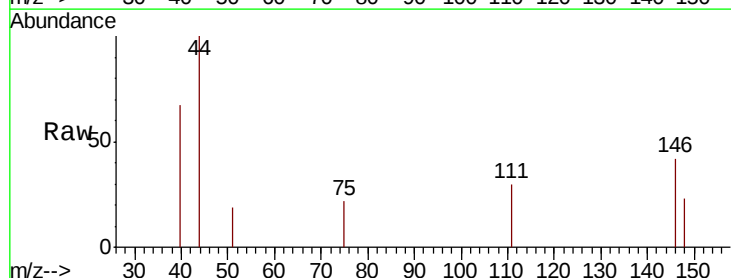
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

77 62.5 25.8 38.8#

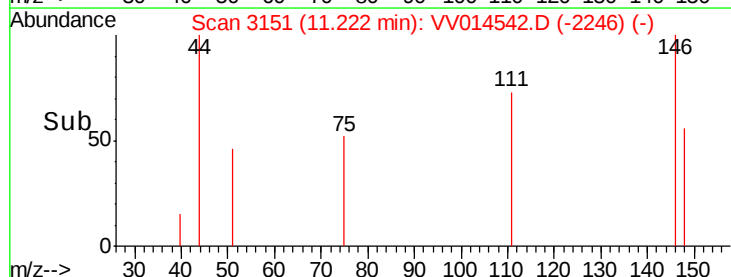
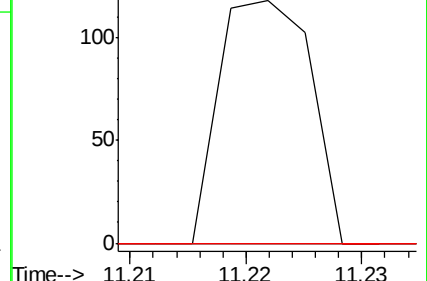
110 0.0 32.4 48.6#

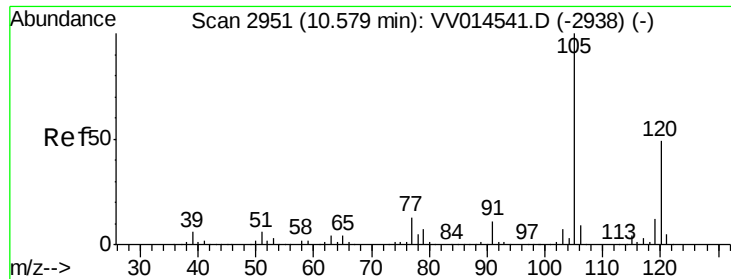


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V

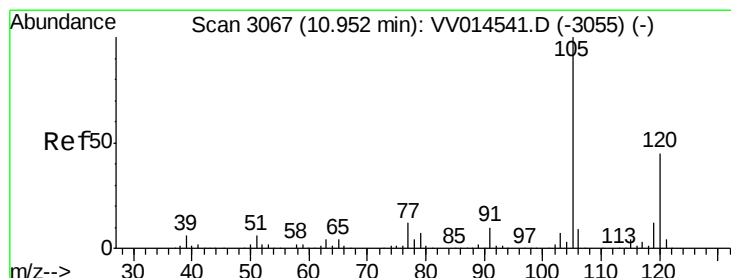
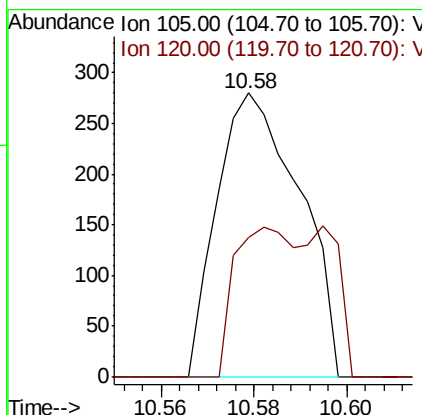
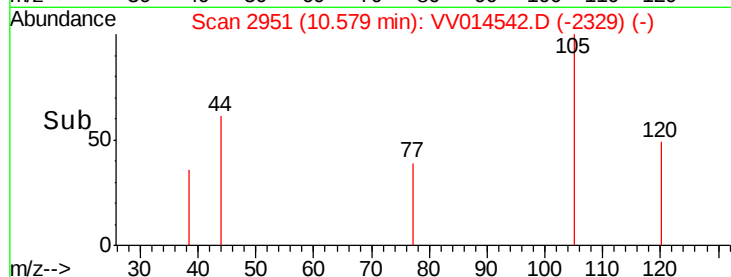
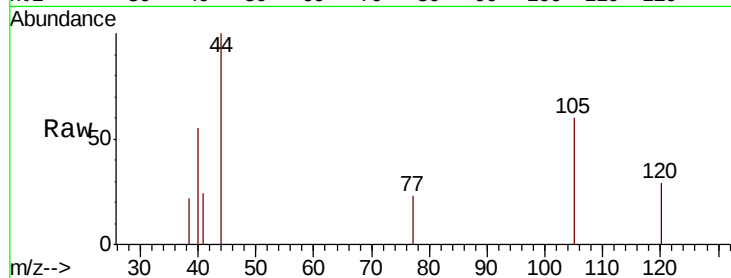




#62
 1,3,5-Trimethylbenzene
 Concen: 0.036 ug/L
 RT: 10.58 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VV014542.D
 Acq: 10 Feb 2020 11:21

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:105 Resp: 347
 Ion Ratio Lower Upper
 105 100
 120 37.5 39.0 58.6#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.037 ug/L
 RT: 10.58 min Scan# 2951
 Delta R.T. -0.37 min
 Lab File: VV014542.D
 Acq: 10 Feb 2020 11:21

Tgt Ion:105 Resp: 347
 Ion Ratio Lower Upper
 105 100
 120 37.5 36.2 54.4

