

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021020\
 Data File : VV014543.D
 Acq On : 10 Feb 2020 11:47
 Operator : SY/MD
 Sample : VV0210MBL04
 Misc : 5.0µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 04:45:09 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	327681	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	310930	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	156242	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73795	41.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.06%
7) Chloroethane-d5	1.58	69	53333	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.10%
11) 1,1-Dichloroethene-d2	2.13	63	93742	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	3.92	46	132881	96.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.87%
24) Chloroform-d	4.40	84	202038	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
26) 1,2-Dichloroethane-d4	5.08	65	130113	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.09	84	427065	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.11	67	130992	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.35	98	397965	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.66	79	71136	50.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.50%
47) 2-Hexanone-d5	8.13	63	111730	99.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.48%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	176630	51.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.04%
66) 1,2-Dichlorobenzene-d4	11.67	152	159212	53.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.26%

Target Compounds

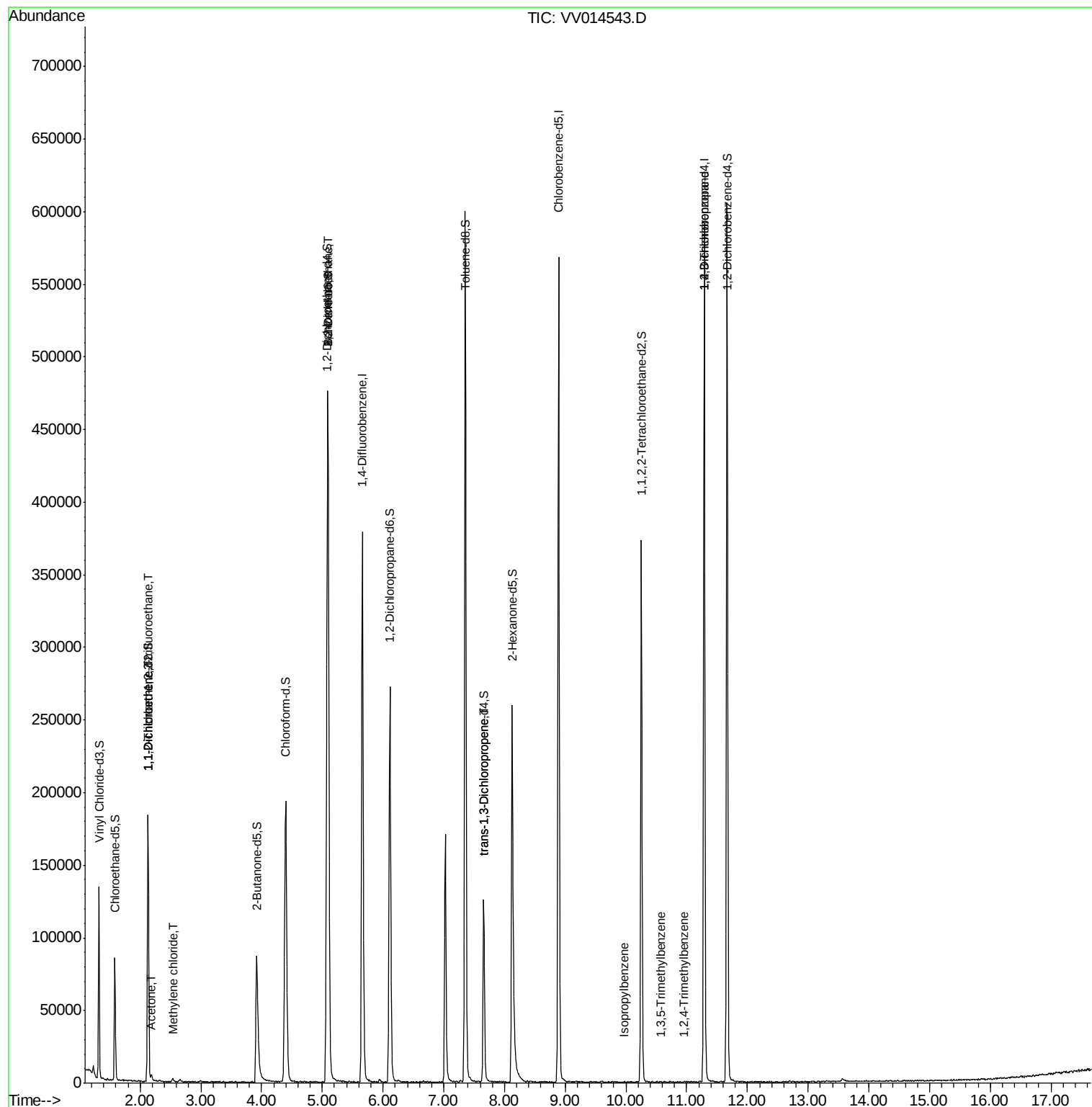
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	830	0.630	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	920	0.730	ug/L #	1
13) Acetone	2.18	43	3403	2.963	ug/L	97
16) Methylene chloride	2.53	84	853	0.357	ug/L	95
27) 1,2-Dichloroethane	5.09	62	2437	0.811	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	2785	0.800	ug/L	89
60) Isopropylbenzene	9.98	105	306	0.029	ug/L #	54
61) 1,2,3-Trichloropropane	11.29	75	16721	6.043	ug/L #	60
62) 1,3,5-Trimethylbenzene	10.58	105	177	0.020	ug/L #	70
63) 1,2,4-Trimethylbenzene	10.95	105	400	0.045	ug/L #	70

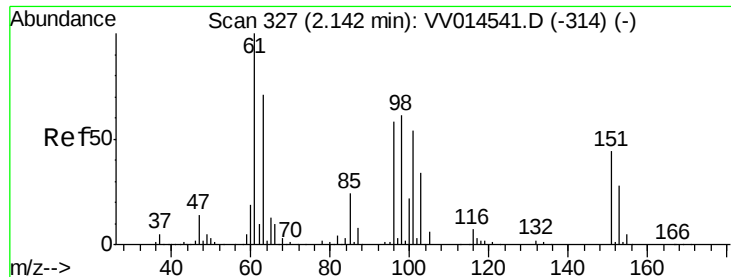
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV021020\
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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: 0.630 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014543.D

Acq: 10 Feb 2020 11:47

Instrument :

MSVOA_V

ClientSampleId :

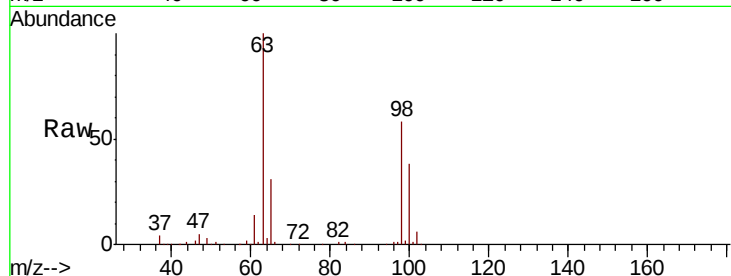
Tot Ion:101 Resp: 830

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

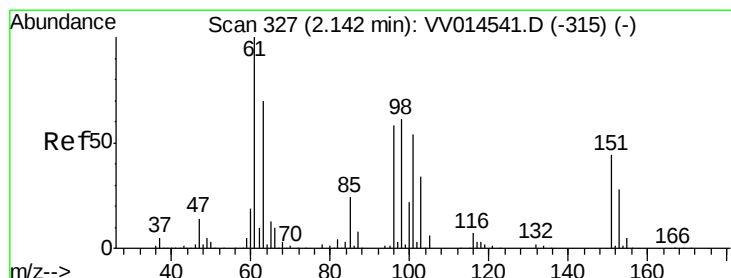
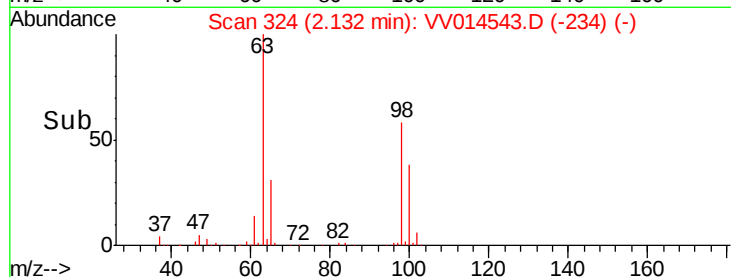
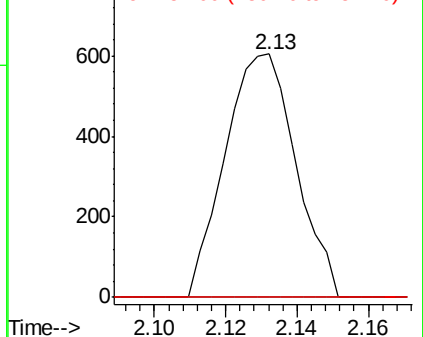
151 0.0 64.4 96.6#



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: 0.730 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014543.D

Acq: 10 Feb 2020 11:47

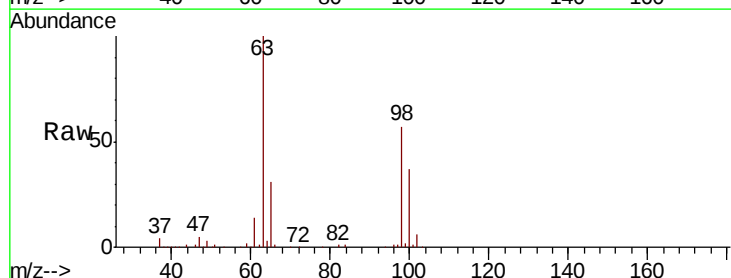
Tgt Ion: 96 Resp: 920

Ion Ratio Lower Upper

96 100

61 1493.1 125.0 232.2#

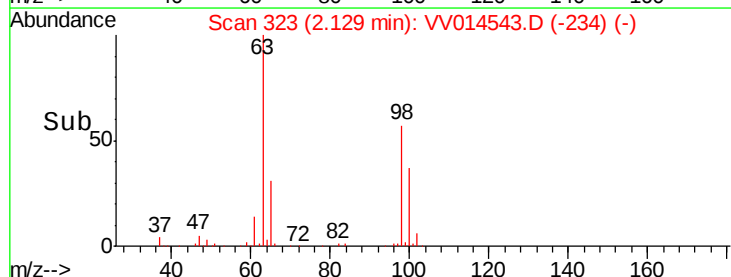
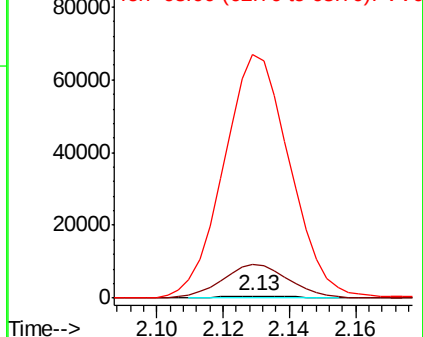
63 10711.0 101.6 188.6#

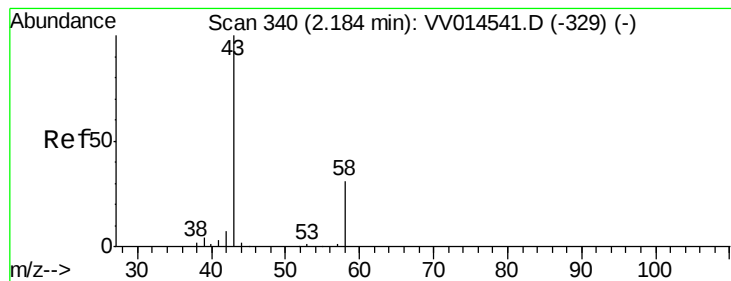


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.963 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014543.D

Acq: 10 Feb 2020 11:47

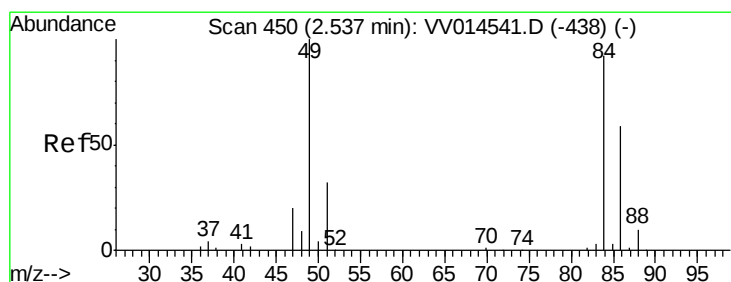
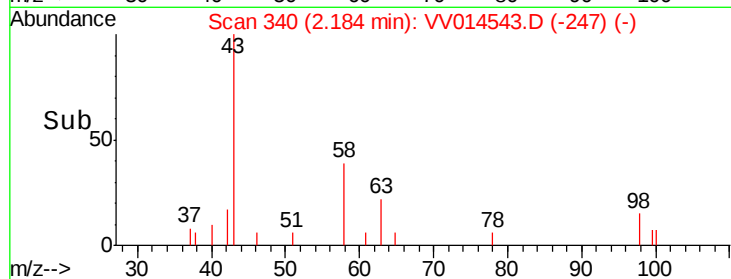
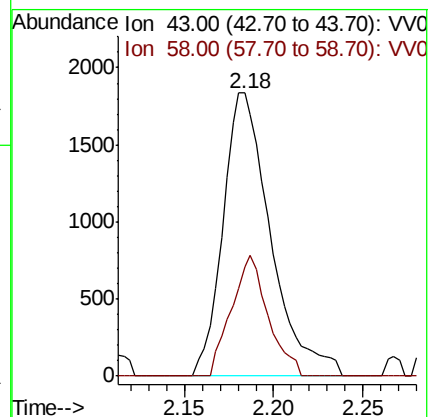
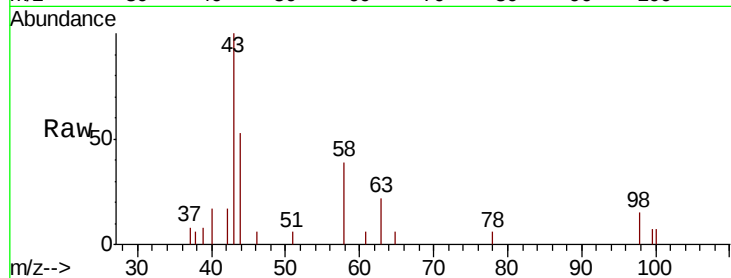
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3403

Ion Ratio Lower Upper

43 100

58 32.8 0.0 61.8



#16

Methylene chloride

Concen: 0.357 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV014543.D

Acq: 10 Feb 2020 11:47

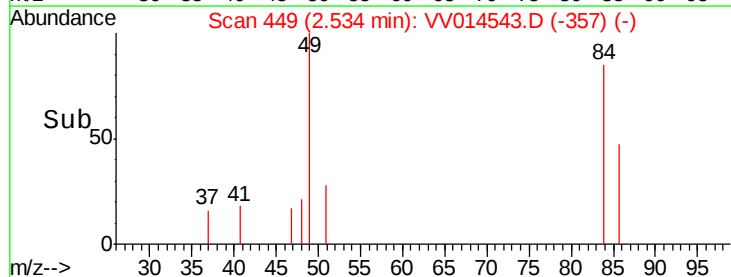
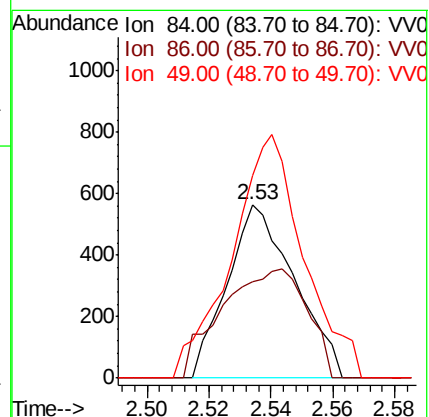
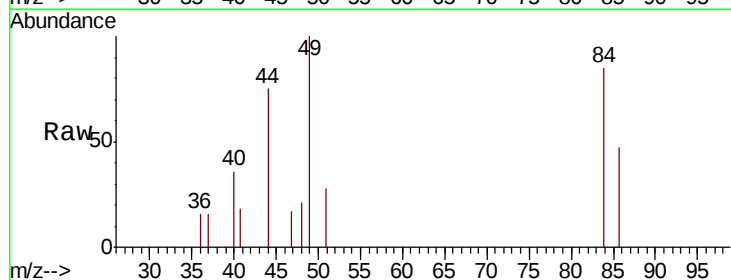
Tgt Ion: 84 Resp: 853

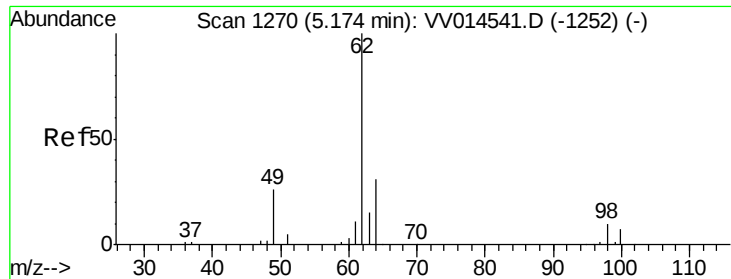
Ion Ratio Lower Upper

84 100

86 55.2 44.6 82.8

49 117.0 83.2 154.4

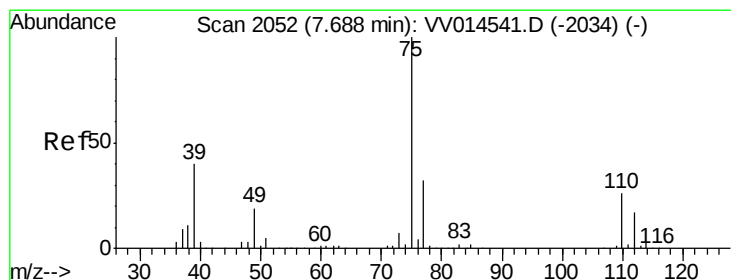
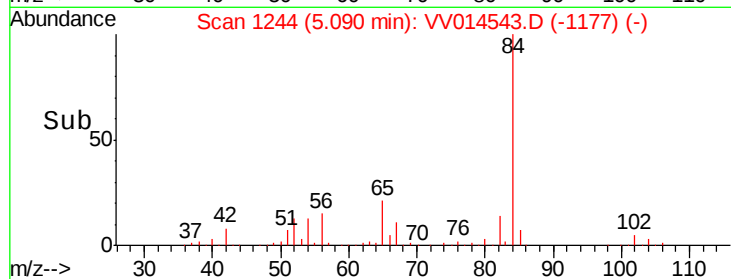
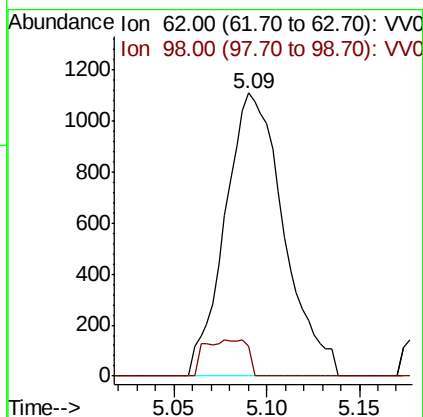
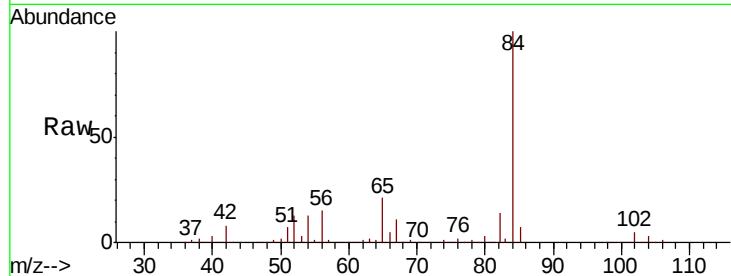




#27
 1,2-Dichloroethane
 Concen: 0.811 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.08 min
 Lab File: VV014543.D
 Acq: 10 Feb 2020 11:47

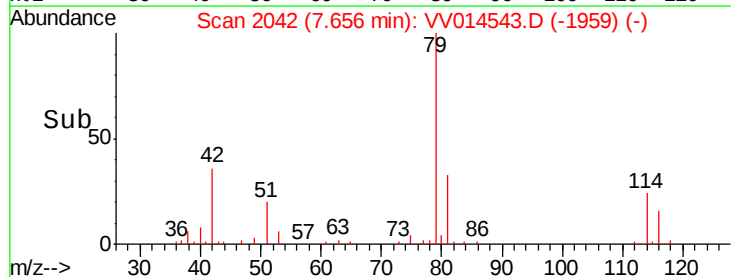
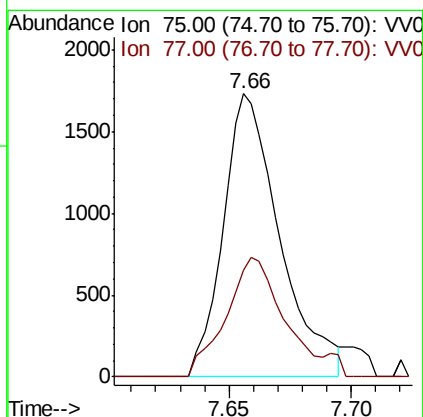
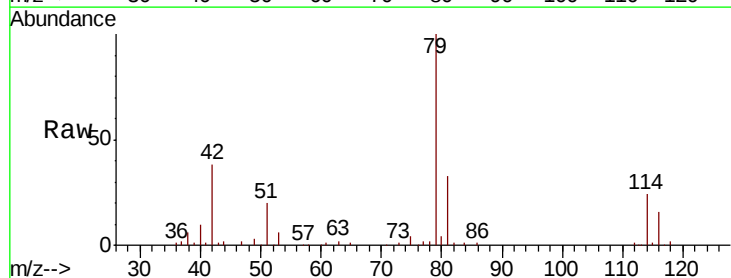
Instrument :
 MSVOA_V
 ClientSampleId :

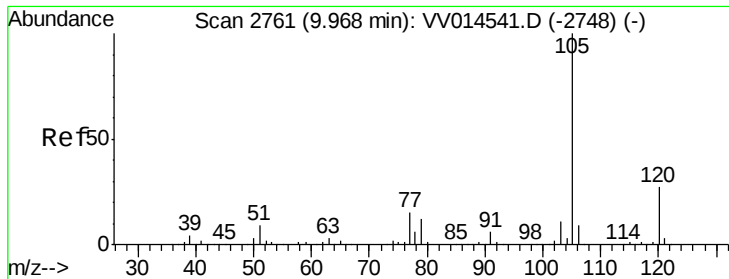
Tot Ion: 62 Resp: 2437
 Ion Ratio Lower Upper
 62 100
 98 10.4 8.2 12.4



#44
 trans-1,3-Dichloropropene
 Concen: 0.800 ug/L
 RT: 7.66 min Scan# 2042
 Delta R.T. -0.03 min
 Lab File: VV014543.D
 Acq: 10 Feb 2020 11:47

Tgt Ion: 75 Resp: 2785
 Ion Ratio Lower Upper
 75 100
 77 37.9 22.2 41.2





#60

Isopropylbenzene

Concen: 0.029 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.01 min

Lab File: VV014543.D

Acq: 10 Feb 2020 11:47

Instrument :

MSVOA_V

ClientSampleId :

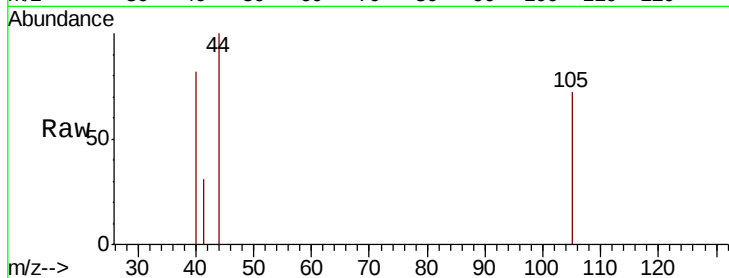
Tot Ion: 105 Resp: 306

Ion Ratio Lower Upper

105 100

120 0.0 21.5 32.3#

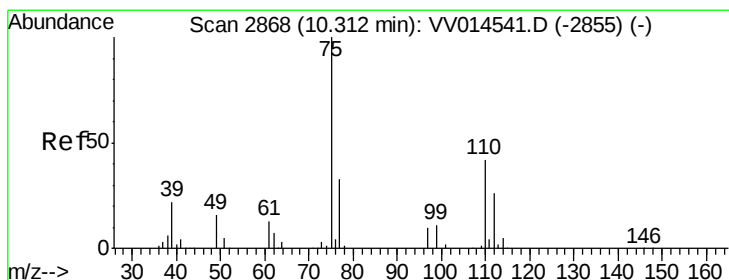
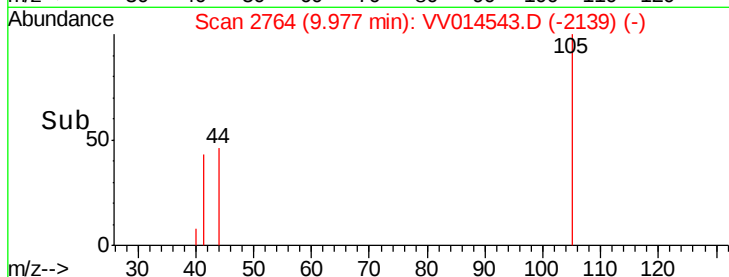
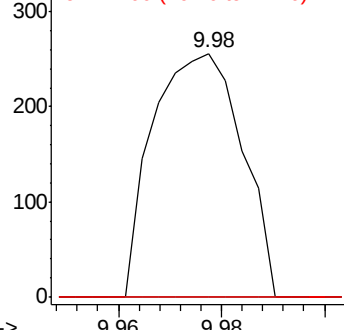
77 0.0 12.2 18.4#



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: 6.043 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014543.D

Acq: 10 Feb 2020 11:47

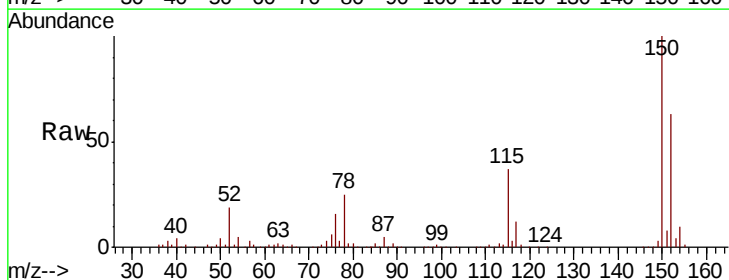
Tgt Ion: 75 Resp: 16721

Ion Ratio Lower Upper

75 100

77 40.4 25.8 38.8#

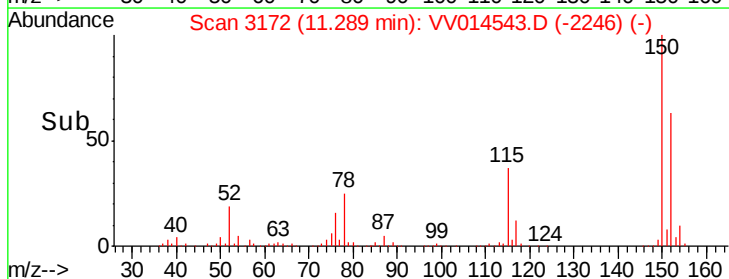
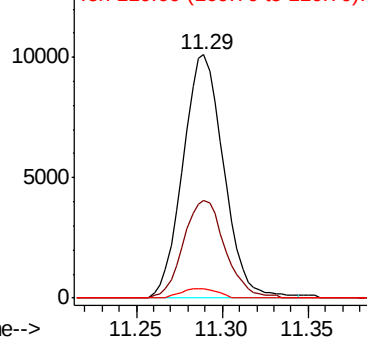
110 3.4 32.4 48.6#

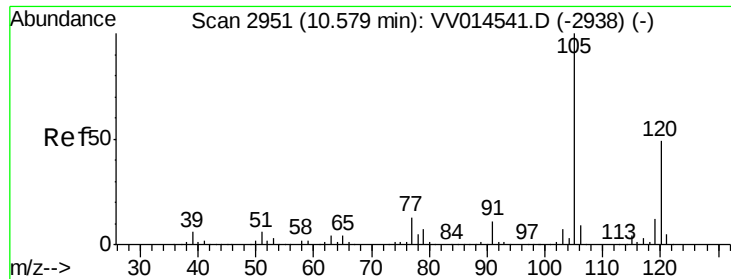


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V

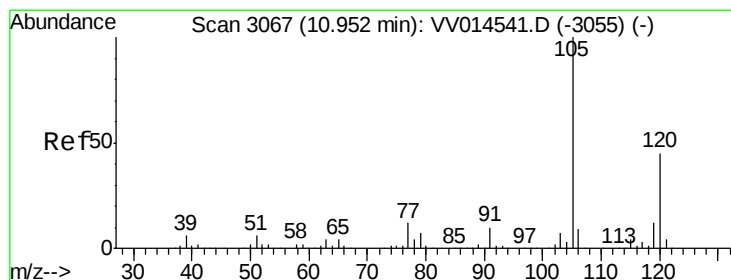
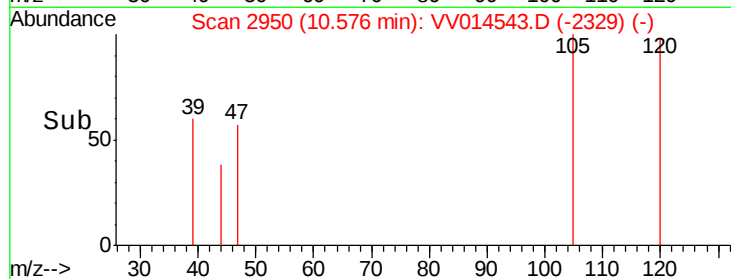
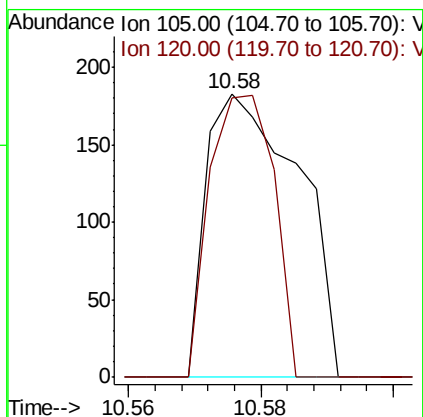
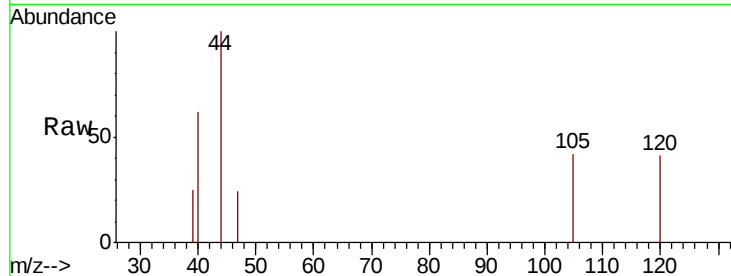




#62
 1,3,5-Trimethylbenzene
 Concen: 0.020 ug/L
 RT: 10.58 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VV014543.D
 Acq: 10 Feb 2020 11:47

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:105 Resp: 177
 Ion Ratio Lower Upper
 105 100
 120 68.9 39.0 58.6#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.045 ug/L
 RT: 10.95 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VV014543.D
 Acq: 10 Feb 2020 11:47

Tgt Ion:105 Resp: 400
 Ion Ratio Lower Upper
 105 100
 120 25.8 36.2 54.4#

