

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021020\
 Data File : VV014545.D
 Acq On : 10 Feb 2020 12:35
 Operator : SY/MD
 Sample : VV0210WBL06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 04:45:26 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	330784	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	308764	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	152628	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71144	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.59	69	51260	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.94%
11) 1,1-Dichloroethene-d2	2.13	63	89486	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	3.92	46	131459	94.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.94%
24) Chloroform-d	4.40	84	194820	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.08	65	126831	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
32) Benzene-d6	5.10	84	413487	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.11	67	128655	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.36	98	386613	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%
43) trans-1,3-Dichloropropene-	7.66	79	69256	49.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.54%
47) 2-Hexanone-d5	8.13	63	108220	97.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.03%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	171616	50.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.82%
66) 1,2-Dichlorobenzene-d4	11.67	152	151262	51.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.36%

Target Compounds

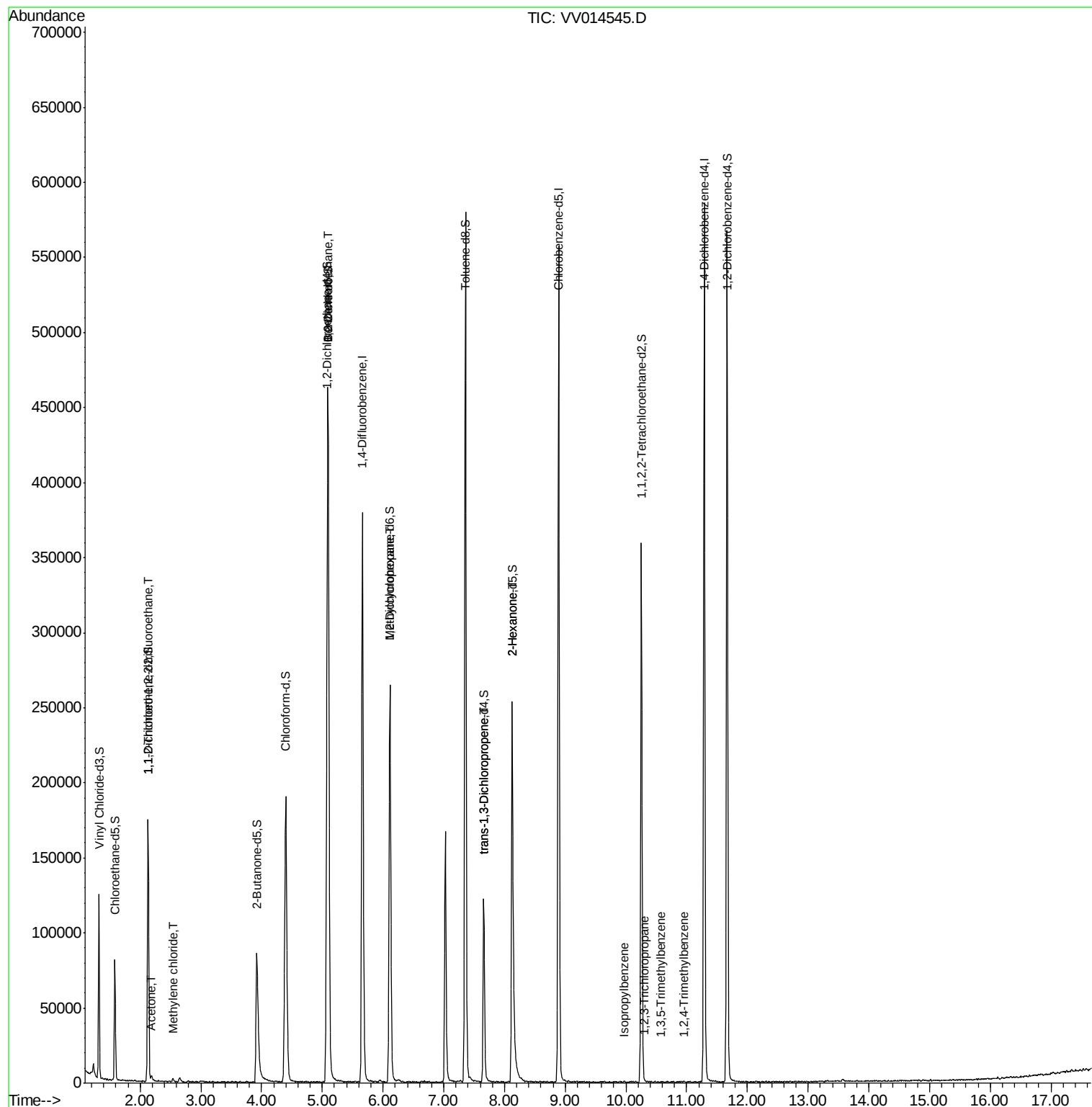
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	853	0.642	ug/L #	20
13) Acetone	2.19	43	3064	2.643	ug/L	100
16) Methylene chloride	2.54	84	1082	0.448	ug/L	81
27) 1,2-Dichloroethane	5.10	62	2329	0.767	ug/L	98
35) Methylcyclohexane	6.11	83	31850	8.100	ug/L #	18
44) trans-1,3-Dichloropropene	7.66	75	2986	0.863	ug/L	93
48) 2-Hexanone	8.13	43	11624	5.054	ug/L #	68
60) Isopropylbenzene	9.97	105	373	0.036	ug/L #	54
61) 1,2,3-Trichloropropane	10.32	75	79	0.029	ug/L #	38
62) 1,3,5-Trimethylbenzene	10.58	105	207	0.023	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.96	105	263	0.030	ug/L #	31

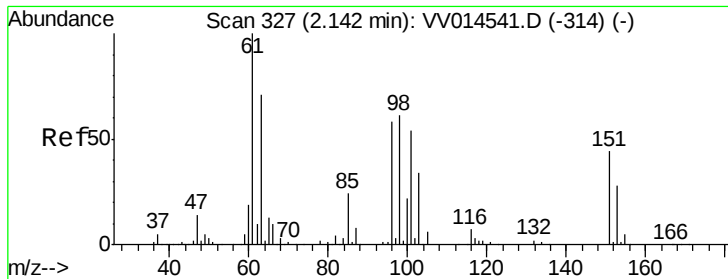
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.642 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014545.D

Acq: 10 Feb 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

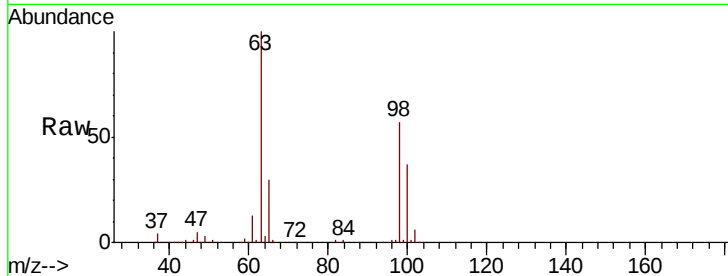
Tot Ion:101 Resp: 853

Ion Ratio Lower Upper

101 100

85 5.0 35.0 52.6#

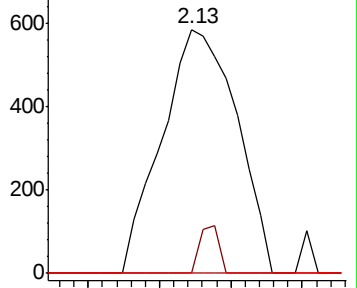
151 0.0 64.4 96.6#



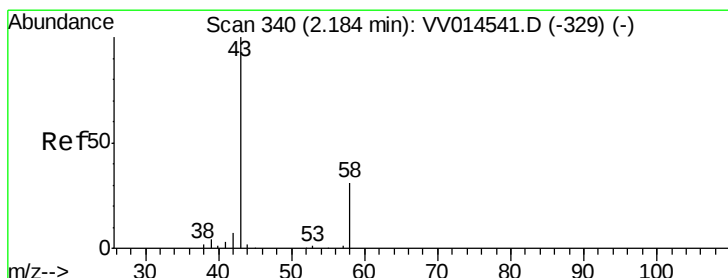
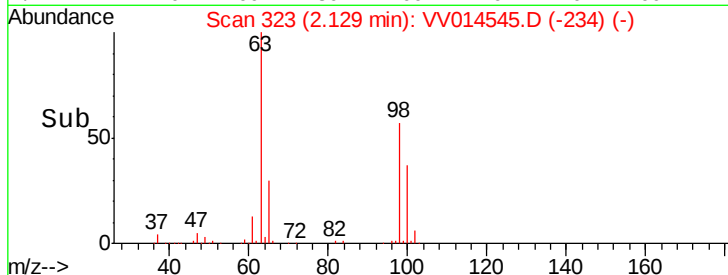
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 2.643 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014545.D

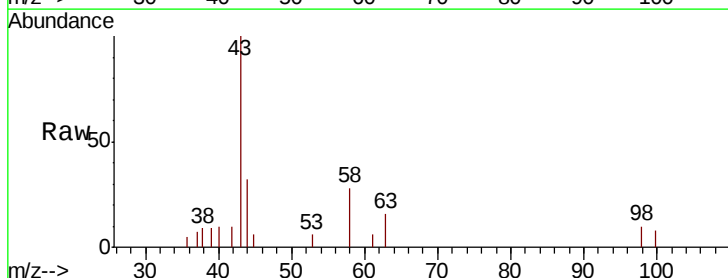
Acq: 10 Feb 2020 12:35

Tgt Ion: 43 Resp: 3064

Ion Ratio Lower Upper

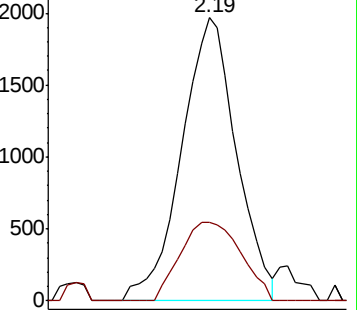
43 100

58 30.8 0.0 61.8

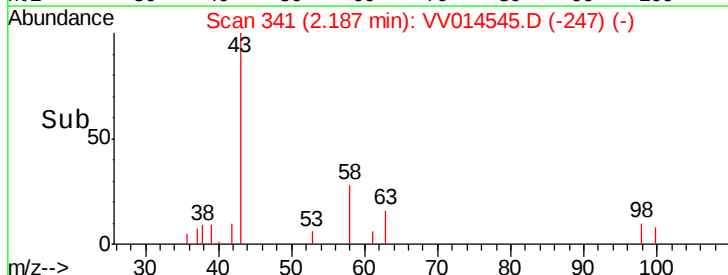


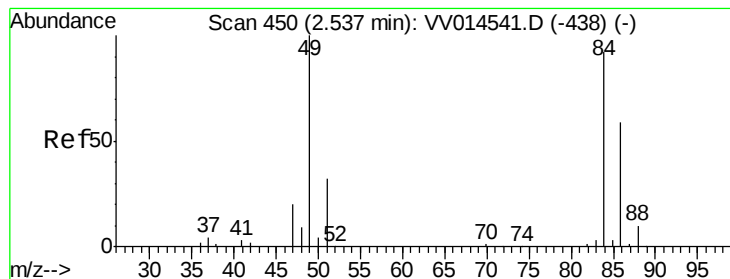
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



Time-->





#16

Methylene chloride

Concen: 0.448 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.01 min

Lab File: VV014545.D

Acq: 10 Feb 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

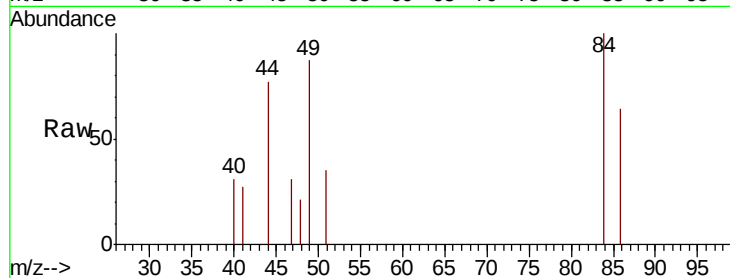
Tot Ion: 84 Resp: 1082

Ion Ratio Lower Upper

84 100

86 64.1 44.6 82.8

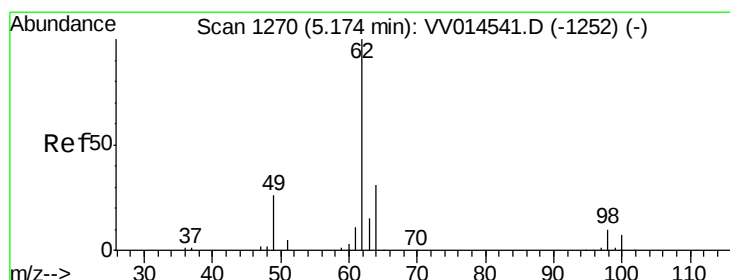
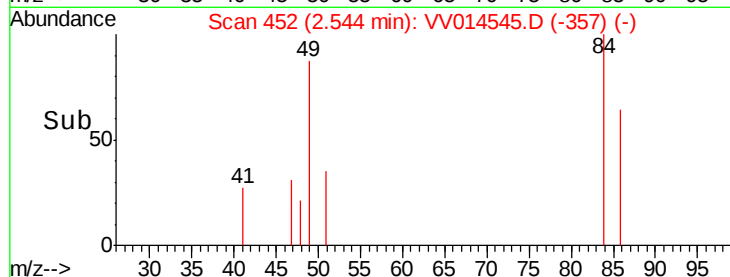
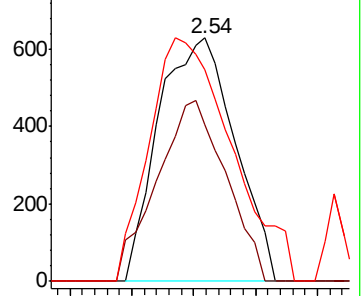
49 86.8 83.2 154.4



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



#27

1,2-Dichloroethane

Concen: 0.767 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV014545.D

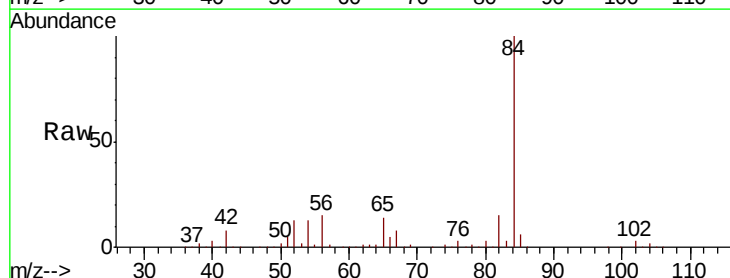
Acq: 10 Feb 2020 12:35

Tgt Ion: 62 Resp: 2329

Ion Ratio Lower Upper

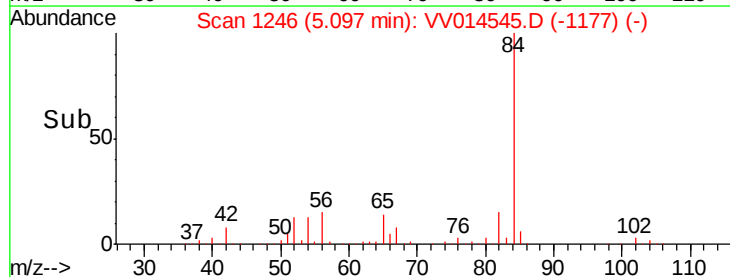
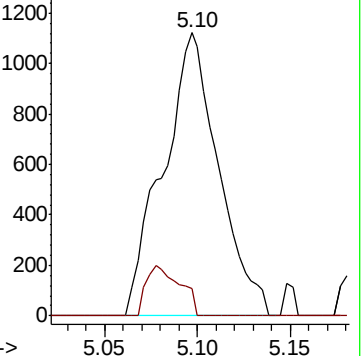
62 100

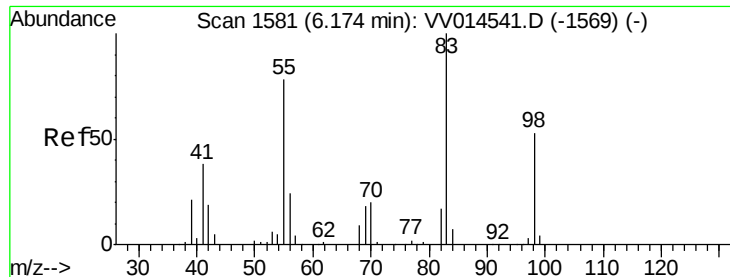
98 9.7 8.2 12.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

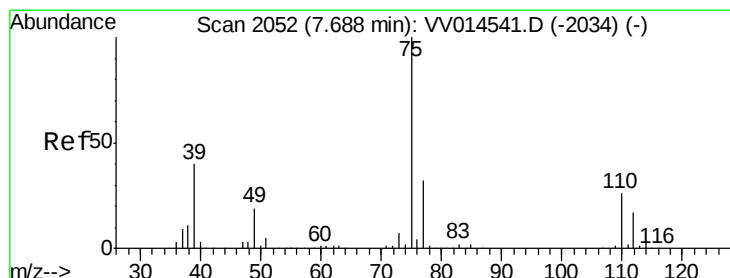
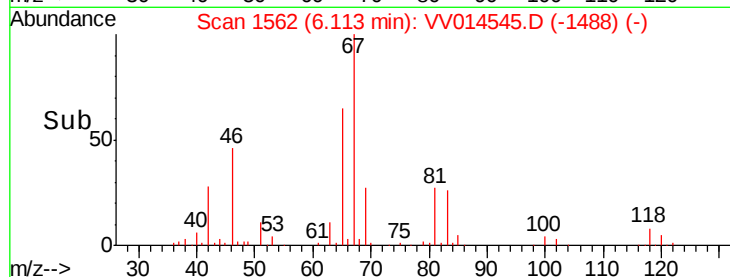
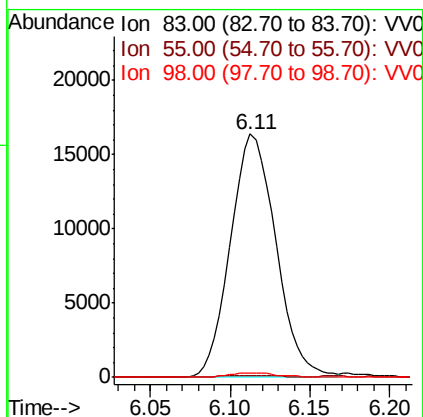
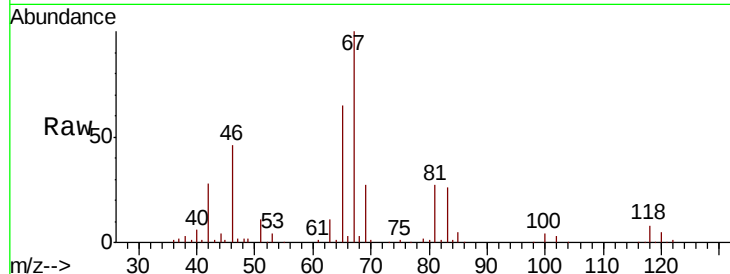




#35
Methvlcvclohexane
Concen: 8.100 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014545.D
Acq: 10 Feb 2020 12:35

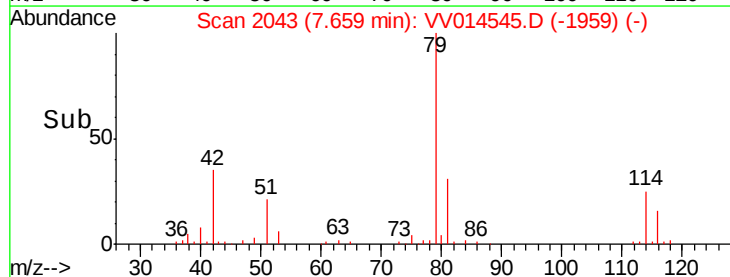
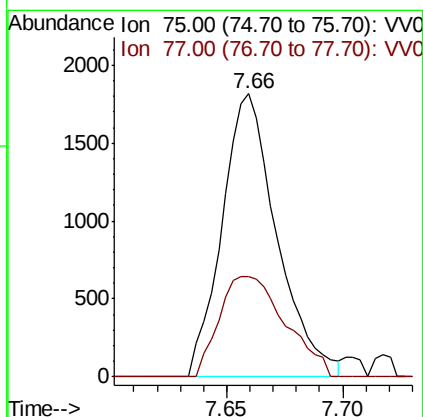
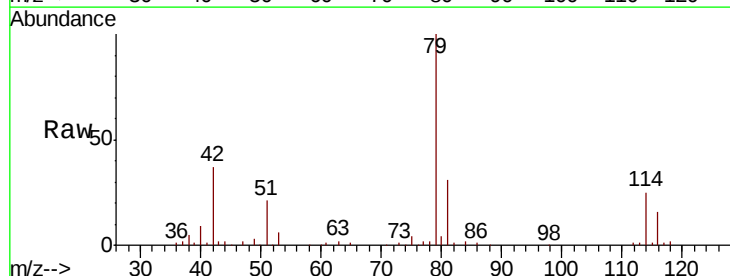
Instrument :
MSVOA_V
ClientSampled :

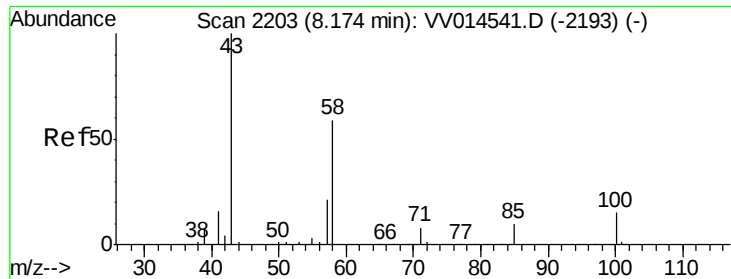
Tot Ion: 83 Resp: 31850
Ion Ratio Lower Upper
83 100
55 0.1 60.7 91.1#
98 0.3 39.4 59.0#



#44
trans-1,3-Dichloropropene
Concen: 0.863 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014545.D
Acq: 10 Feb 2020 12:35

Tgt Ion: 75 Resp: 2986
Ion Ratio Lower Upper
75 100
77 35.4 22.2 41.2

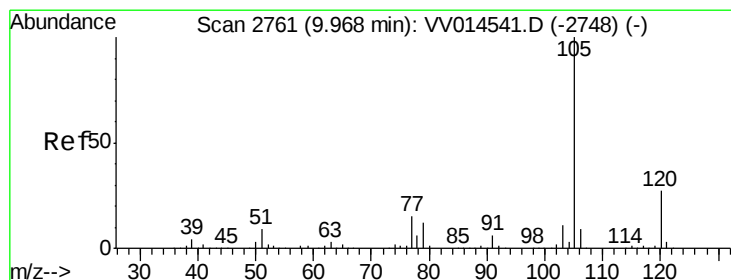
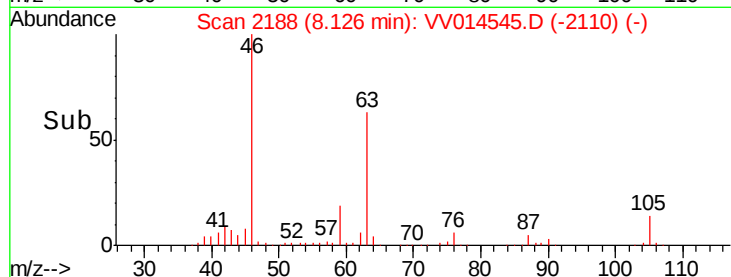
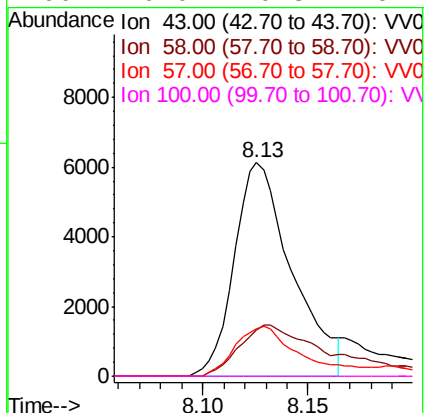
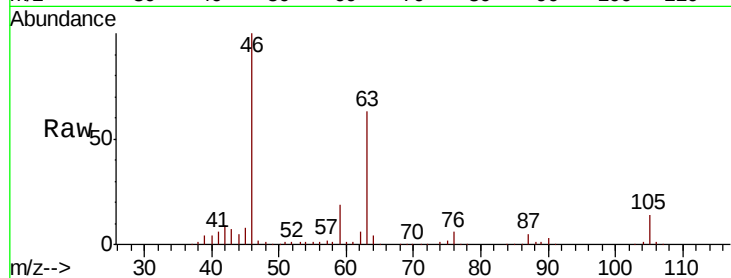




#48
2-Hexanone
Concen: 5.054 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014545.D
Acq: 10 Feb 2020 12:35

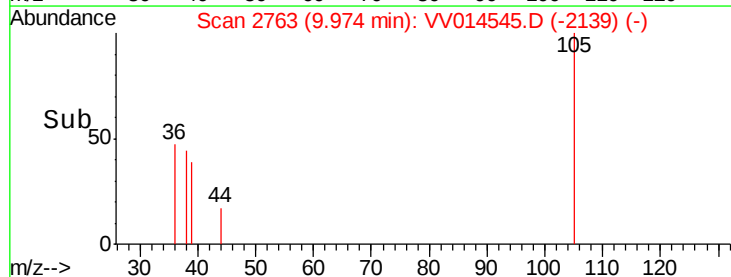
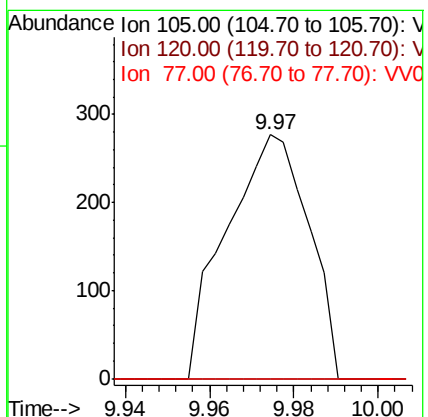
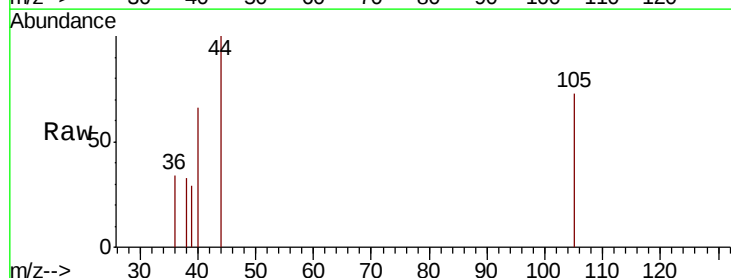
Instrument :
MSVOA_V
ClientSampleId :

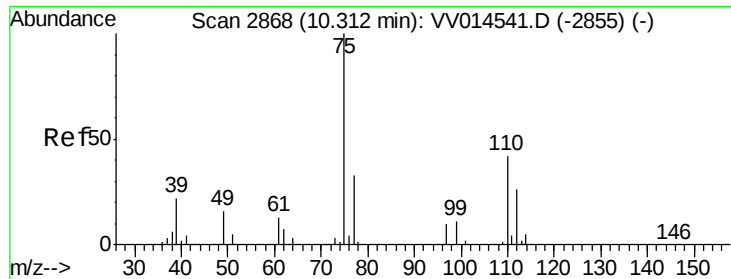
Tot Ion: 43 Resp: 11624
Ion Ratio Lower Upper
43 100
58 28.6 45.5 68.3#
57 26.3 15.8 23.6#
100 0.0 10.8 16.2#



#60
Isopropylbenzene
Concen: 0.036 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.01 min
Lab File: VV014545.D
Acq: 10 Feb 2020 12:35

Tgt Ion: 105 Resp: 373
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: 0.029 ug/L

RT: 10.32 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV014545.D

Acq: 10 Feb 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

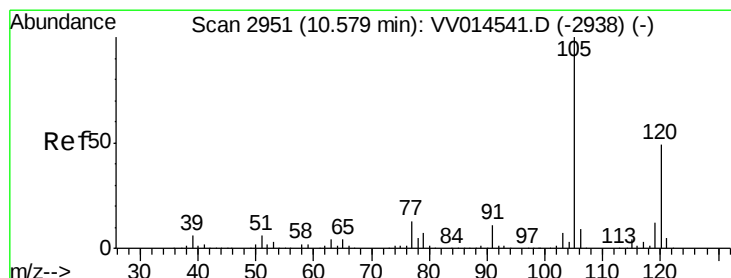
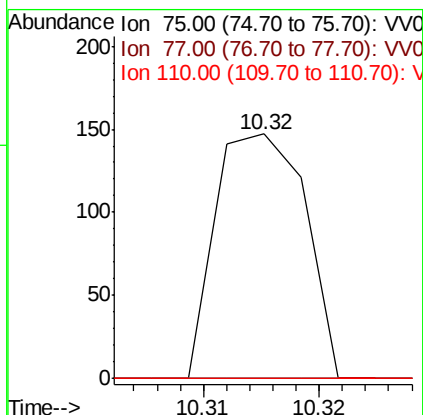
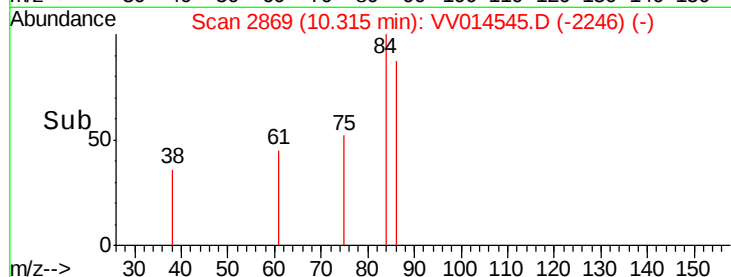
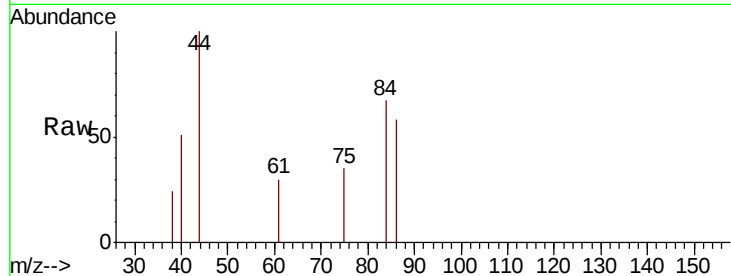
Tot Ion: 75 Resp: 79

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

110 0.0 32.4 48.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.023 ug/L

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV014545.D

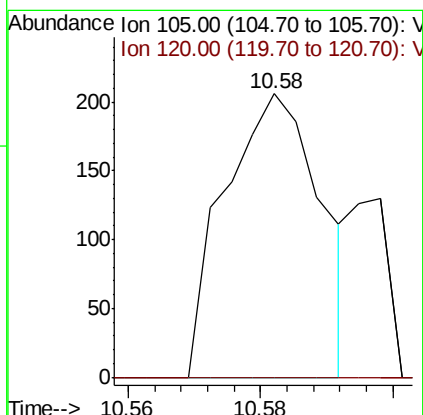
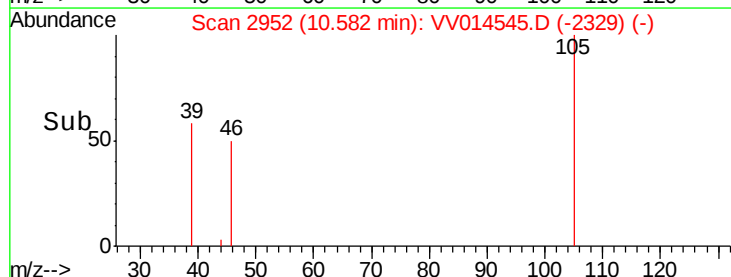
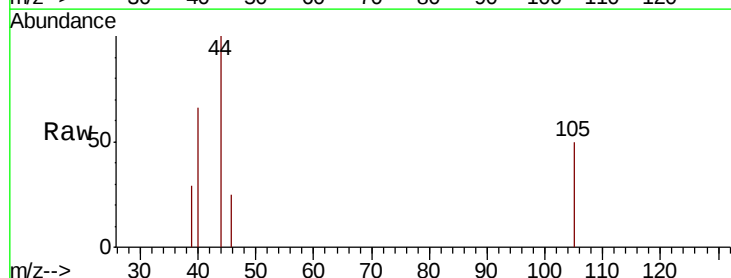
Acq: 10 Feb 2020 12:35

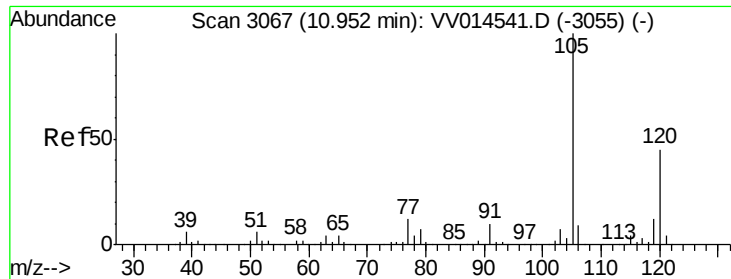
Tgt Ion: 105 Resp: 207

Ion Ratio Lower Upper

105 100

120 0.0 39.0 58.6#





#63

1,2,4-Trimethylbenzene

Concen: 0.030 ug/L

RT: 10.96 min Scan# 3069

Delta R.T. 0.01 min

Lab File: VV014545.D

Acq: 10 Feb 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:105 Resp: 263

Ion Ratio Lower Upper

105 100

120 0.0 36.2 54.4#

