

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014778.D
 Acq On : 09 Mar 2020 15:48
 Operator : SY/MD
 Sample : L1835-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ0

Quant Time: Mar 10 14:48:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	437407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	421331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126838	42.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.70%
7) Chloroethane-d5	1.58	69	105350	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.04%
11) 1,1-Dichloroethene-d2	2.12	63	162411	33.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.04%
21) 2-Butanone-d5	3.94	46	207972	94.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	4.38	84	259751	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.06	65	175829	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.08	84	548733	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.10	67	171584	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.06%
41) Toluene-d8	7.34	98	523229	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%
43) trans-1,3-Dichloropropene-	7.64	79	82797	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.12	63	165710	101.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	233808	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	204450	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

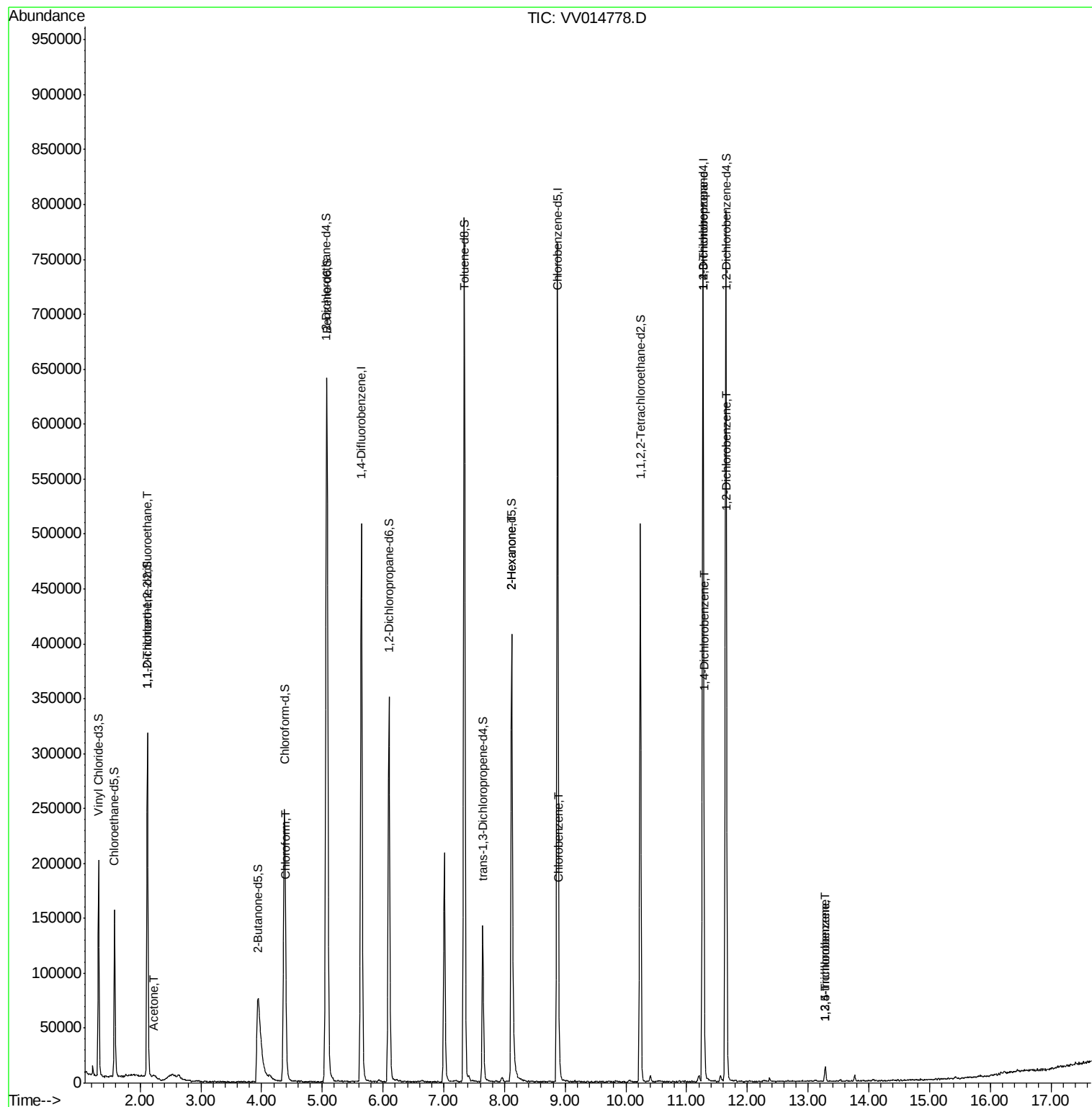
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1804	0.74	ug/L	# 20
13) Acetone	2.22	43	3671	1.99	ug/L	63
25) Chloroform	4.41	83	6422	1.08	ug/L	86
48) 2-Hexanone	8.12	43	18047	4.80	ug/L	# 78
51) Chlorobenzene	8.90	112	6027	0.70	ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	25879	6.14	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	13106	1.95	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	11872	1.79	ug/L	96
67) 1,3,5-Trichlorobenzene	13.28	180	4079	0.79	ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	4079	0.86	ug/L	95

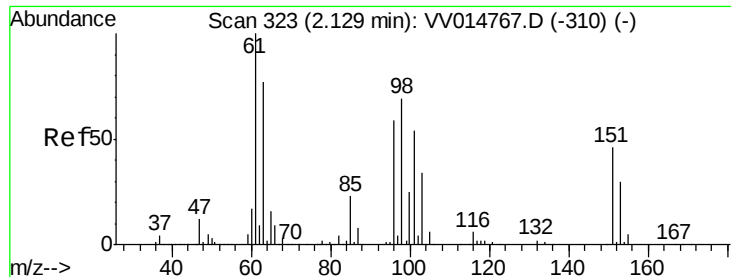
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
Data File : VV014778.D
Acq On : 09 Mar 2020 15:48
Operator : SY/MD
Sample : L1835-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DJ0

Quant Time: Mar 10 14:48:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration





#10

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

Concen: 0.74 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014778.D

Acq: 09 Mar 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0DJ0

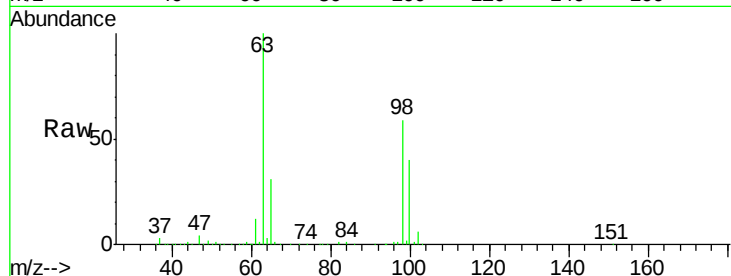
Tgt Ion: 101 Resp: 1804

Ion Ratio Lower Upper

101 100

85 4.1 35.0 52.6#

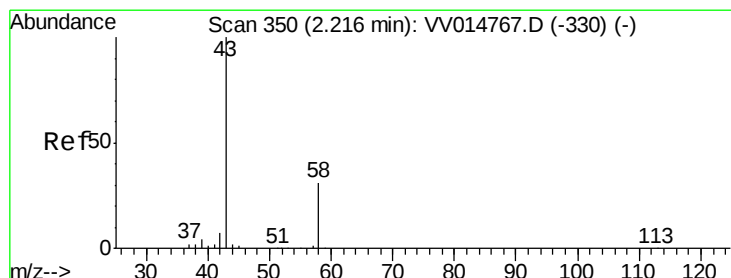
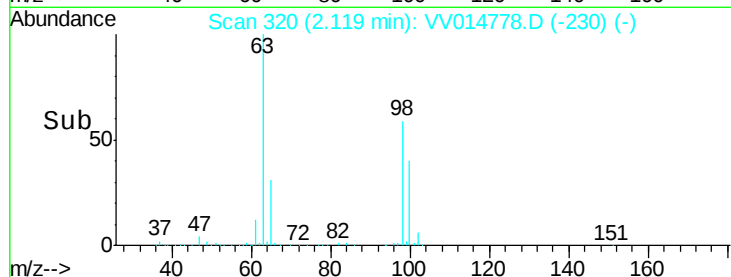
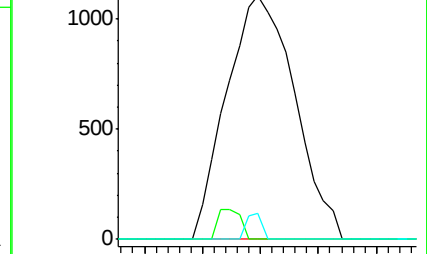
151 2.4 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): VV014778.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV014778.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV014778.D (-230) (-)



#13

Acetone

Concen: 1.99 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV014778.D

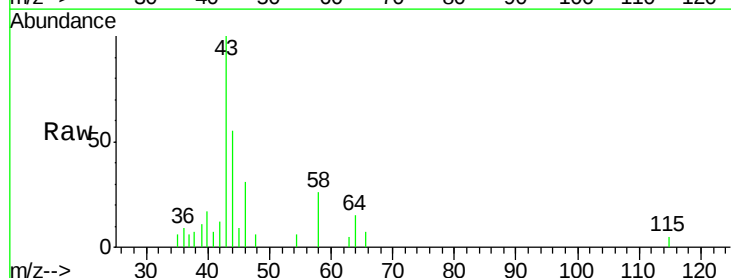
Acq: 09 Mar 2020 15:48

Tgt Ion: 43 Resp: 3671

Ion Ratio Lower Upper

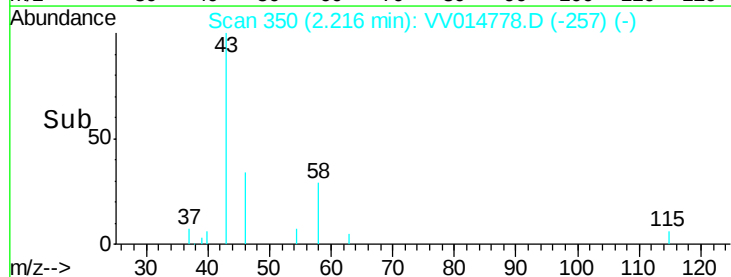
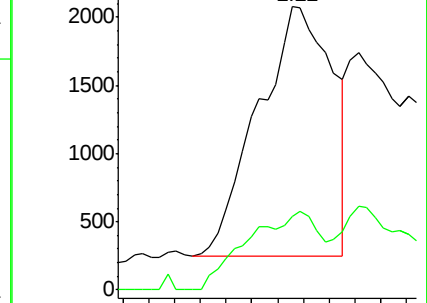
43 100

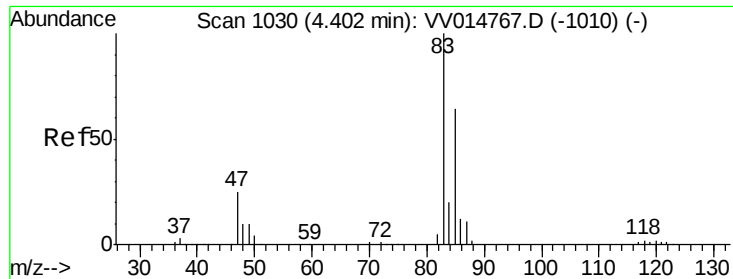
58 10.5 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV014778.D (-257) (-)

Ion 58.00 (57.70 to 58.70): VV014778.D (-257) (-)

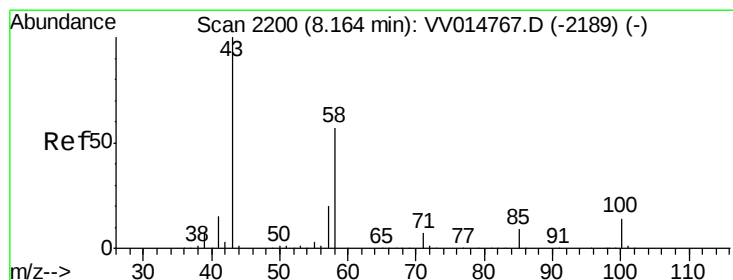
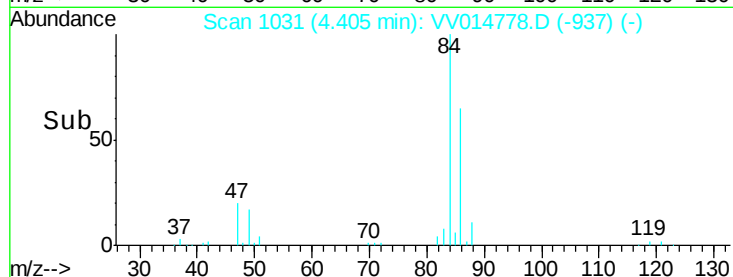
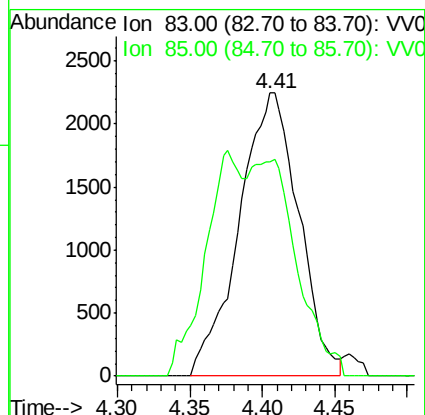
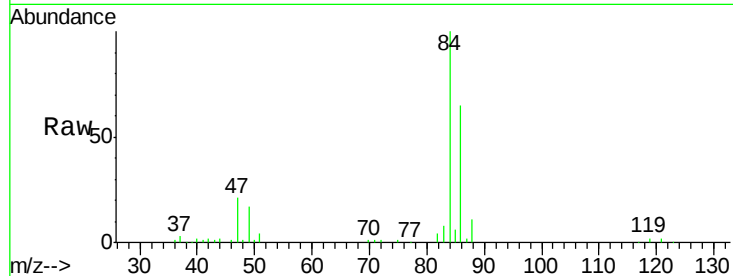




#25
Chloroform
Concen: 1.08 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014778.D
Acq: 09 Mar 2020 15:48

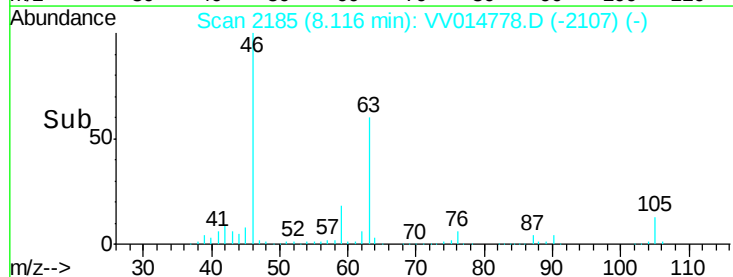
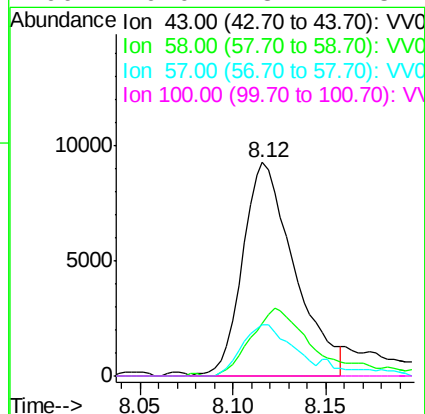
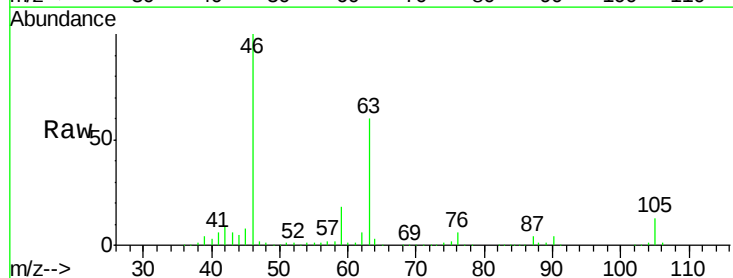
Instrument :
MSVOA_V
ClientSampleId :
C0DJ0

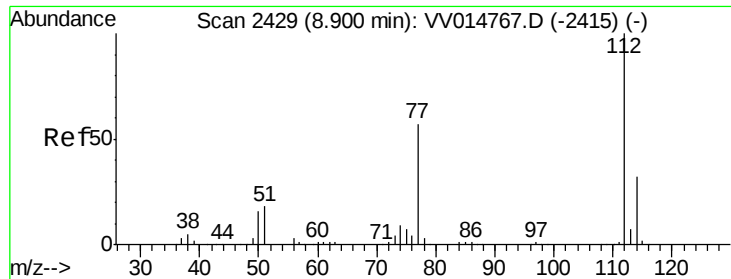
Tgt Ion: 83 Resp: 6422
Ion Ratio Lower Upper
83 100
85 75.6 45.1 83.9



#48
2-Hexanone
Concen: 4.80 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014778.D
Acq: 09 Mar 2020 15:48

Tgt Ion: 43 Resp: 18047
Ion Ratio Lower Upper
43 100
58 35.2 43.3 64.9#
57 23.1 15.6 23.4
100 0.0 8.7 13.1#





#51

Chlorobenzene

Concen: 0.70 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014778.D

Acq: 09 Mar 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0DJ0

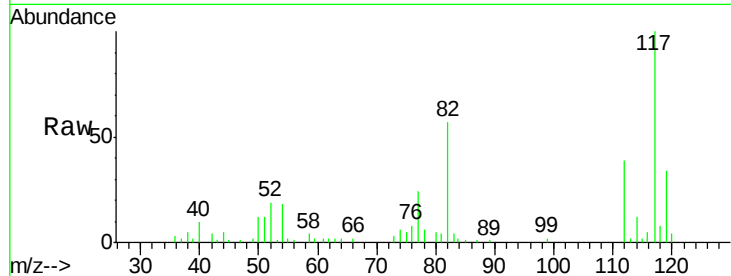
Tgt Ion: 112 Resp: 6027

Ion Ratio Lower Upper

112 100

114 30.8 22.1 41.1

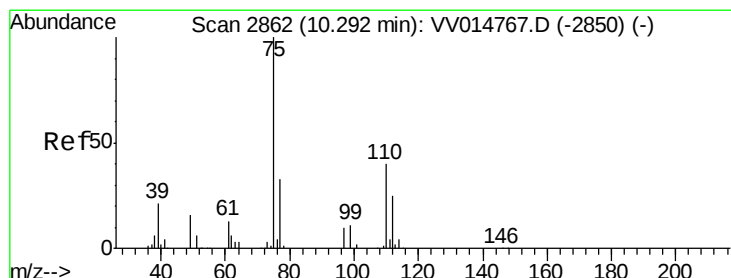
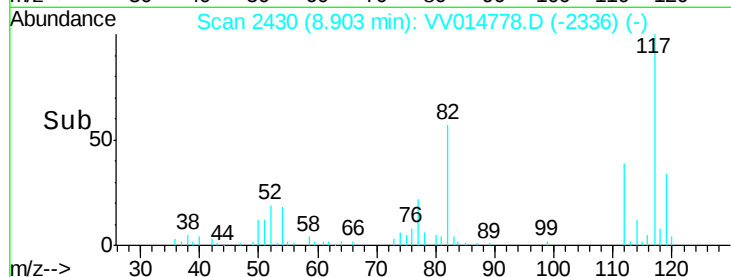
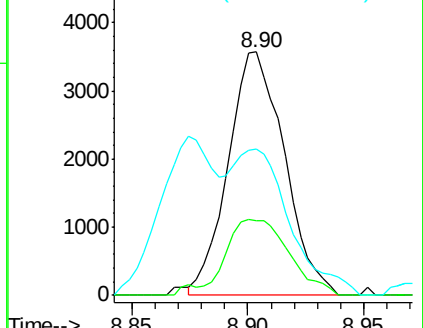
77 60.0 47.8 71.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 6.14 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014778.D

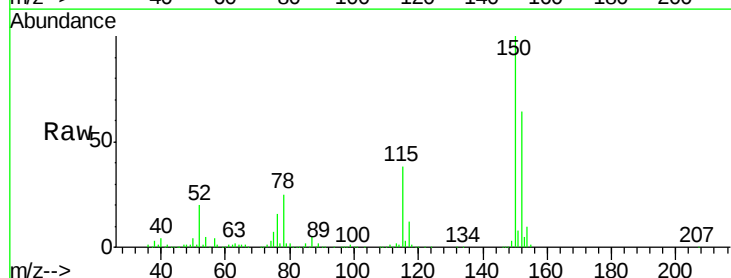
Acq: 09 Mar 2020 15:48

Tgt Ion: 75 Resp: 25879

Ion Ratio Lower Upper

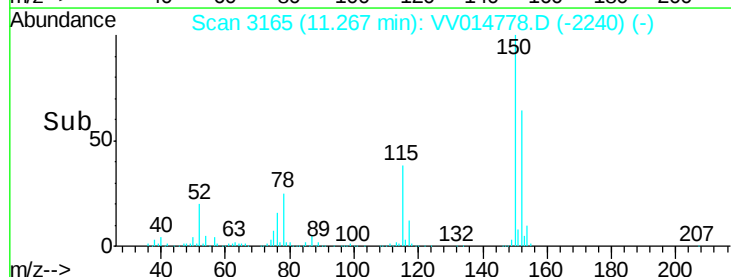
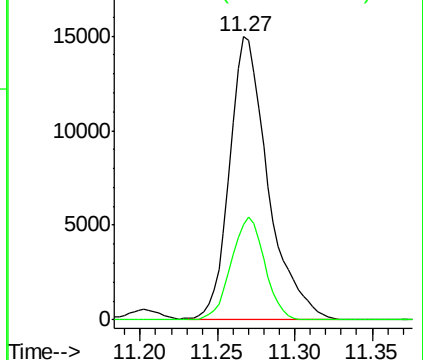
75 100

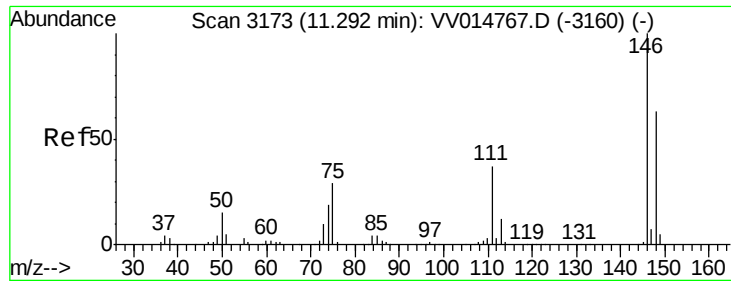
77 31.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

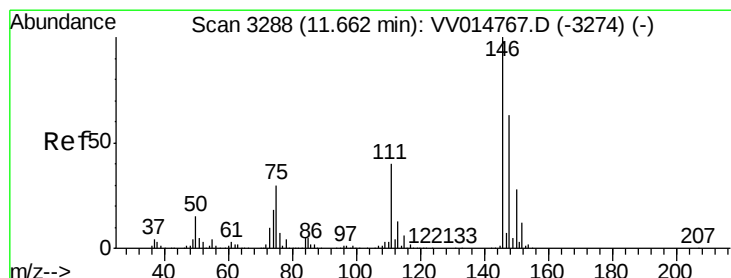
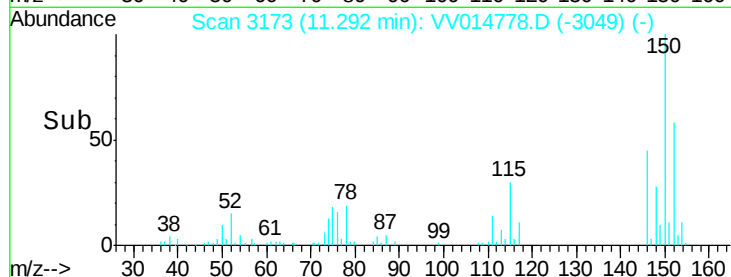
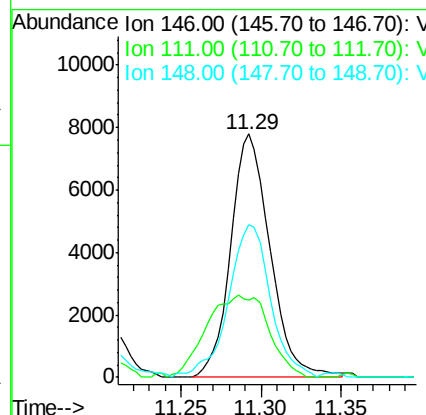
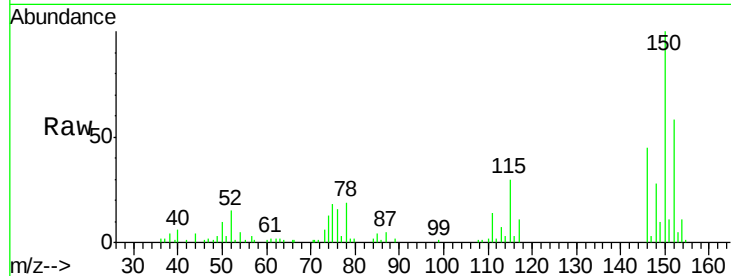




#63
 1,4-Dichlorobenzene
 Concen: 1.95 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014778.D
 Acq: 09 Mar 2020 15:48

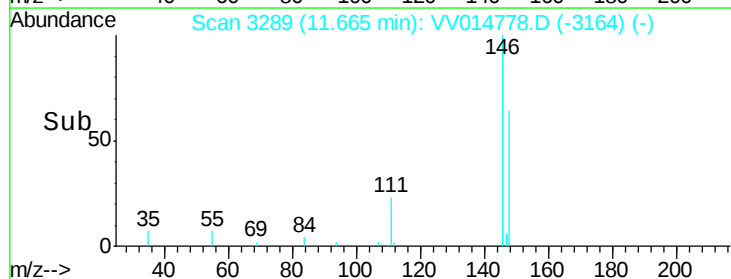
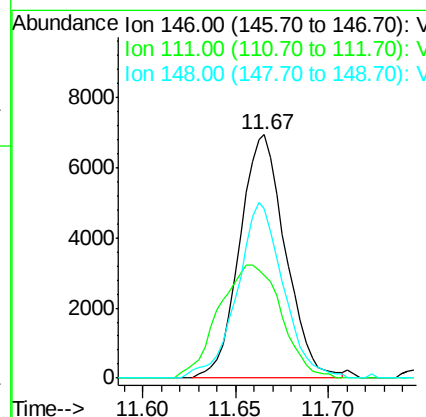
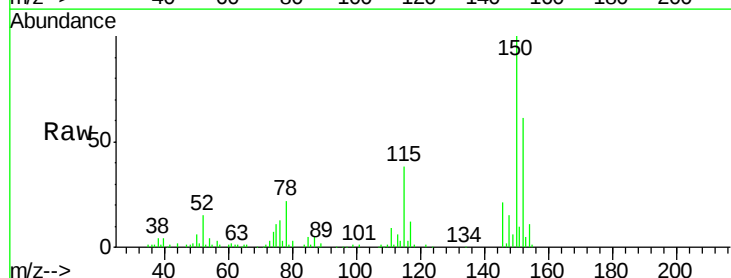
Instrument :
 MSVOA_V
 ClientSampled :
 C0DJ0

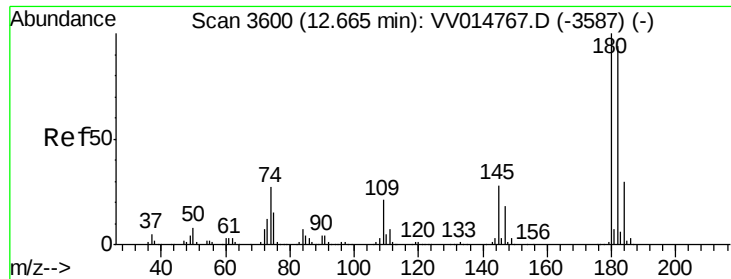
Tgt Ion:146 Resp: 13106
 Ion Ratio Lower Upper
 146 100
 111 31.6 26.3 48.9
 148 62.5 44.0 81.8



#65
 1,2-Dichlorobenzene
 Concen: 1.79 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014778.D
 Acq: 09 Mar 2020 15:48

Tgt Ion:146 Resp: 11872
 Ion Ratio Lower Upper
 146 100
 111 42.1 33.9 50.9
 148 69.6 51.4 77.0

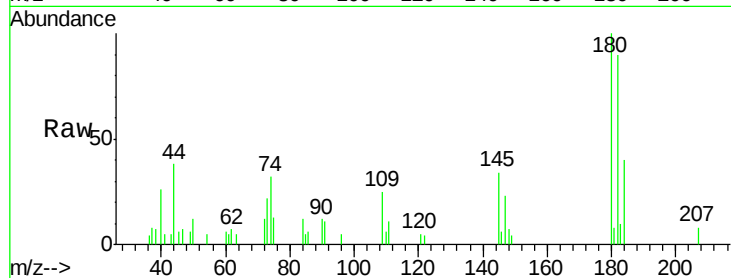




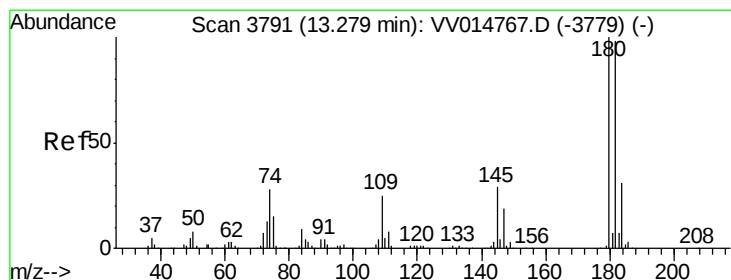
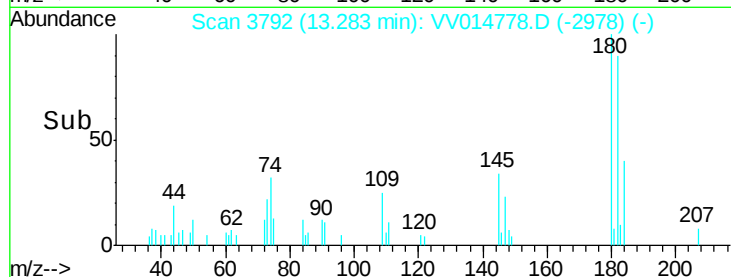
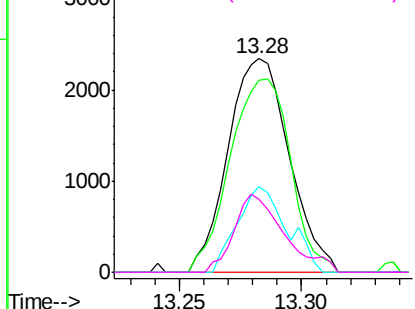
#67
 1,3,5-Trichlorobenzene
 Concen: 0.79 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.62 min
 Lab File: VV014778.D
 Acq: 09 Mar 2020 15:48

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ0

Tgt Ion:180 Resp: 4079
 Ion Ratio Lower Upper
 180 100
 182 89.4 75.6 113.4
 184 28.1 24.8 37.2
 145 28.4 23.3 34.9

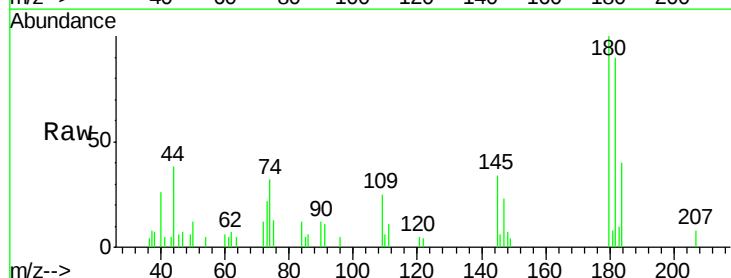


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.86 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014778.D
 Acq: 09 Mar 2020 15:48

Tgt Ion:180 Resp: 4079
 Ion Ratio Lower Upper
 180 100
 182 89.4 76.6 114.8
 145 28.4 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

