

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014951.D
 Acq On : 16 Mar 2020 17:19
 Operator : SY/MD
 Sample : L1890-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH3

Quant Time: Mar 18 03:20:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 03:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346087	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162339	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104156	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.36%
7) Chloroethane-d5	1.58	69	80894	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.48%
11) 1,1-Dichloroethene-d2	2.12	63	127904	36.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.32%
21) 2-Butanone-d5	3.93	46	107422	76.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.41%
24) Chloroform-d	4.38	84	220620	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
26) 1,2-Dichloroethane-d4	5.06	65	146728	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.08	84	452844	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
36) 1,2-Dichloropropane-d6	6.09	67	134388	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.34	98	433952	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.64	79	65722	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.12	63	123655	98.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189996	46.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	182513	51.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.64%

Target Compounds

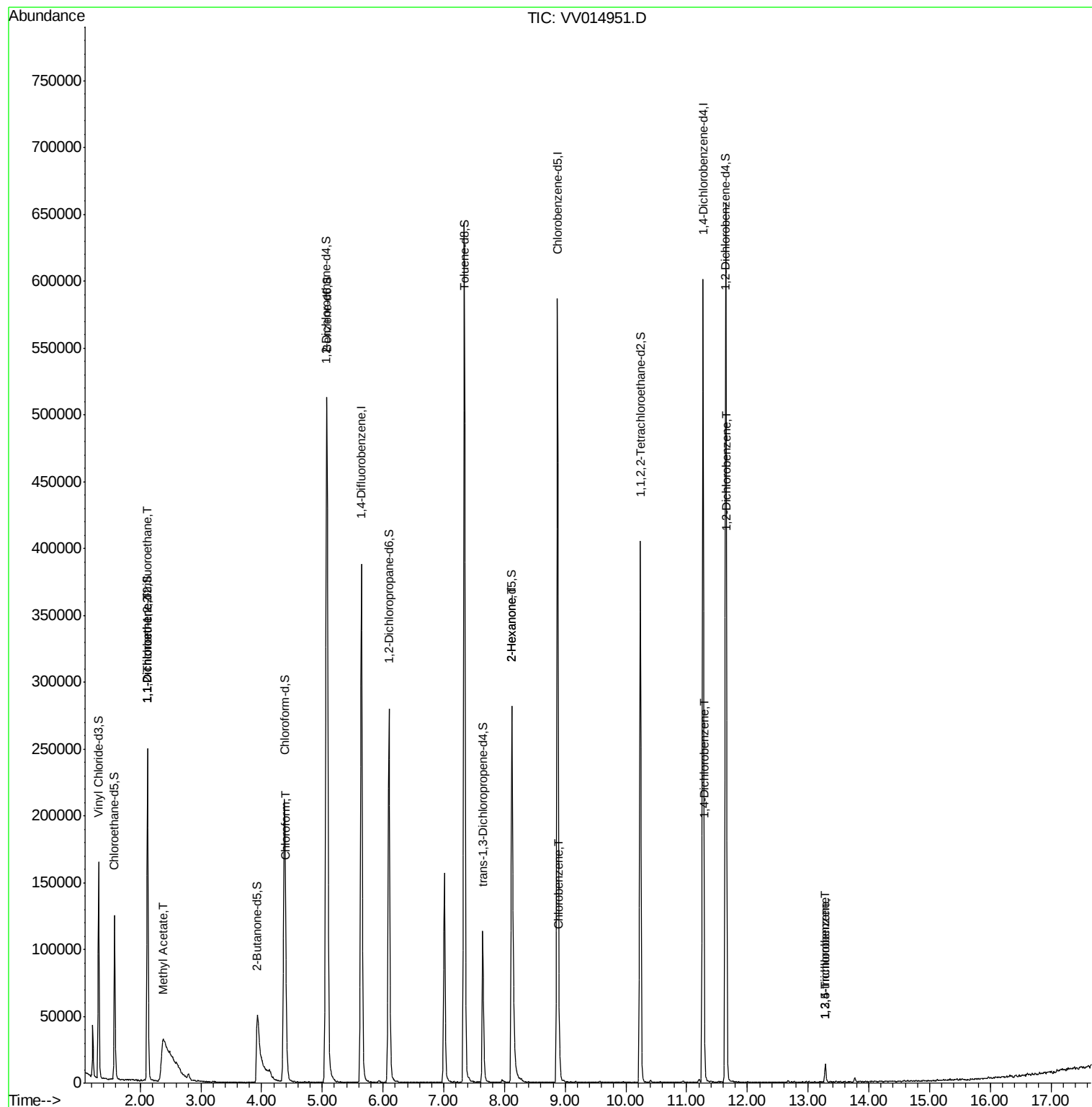
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1238	0.694 ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1297	0.797 ug/L #	1
15) Methyl Acetate	2.38	43	12046	6.714 ug/L #	47
25) Chloroform	4.41	83	20768	4.583 ug/L	99
48) 2-Hexanone	8.13	43	15304	6.226 ug/L #	70
51) Chlorobenzene	8.91	112	9142	1.285 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	6147	1.141 ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	4001	0.749 ug/L #	83
67) 1,3,5-Trichlorobenzene	13.29	180	4725	1.127 ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	4725	1.264 ug/L	95

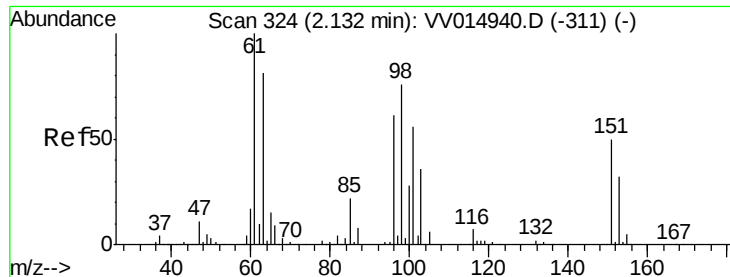
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031620\
Data File : VV014951.D
Acq On : 16 Mar 2020 17:19
Operator : SY/MD
Sample : L1890-16
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DH3

Quant Time: Mar 18 03:20:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 03:17:46 2020
Response via : Initial Calibration





#10

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

Concen: 0.694 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014951.D

Acq: 16 Mar 2020 17:19

Instrument :

MSVOA_V

ClientSampleId :

C0DH3

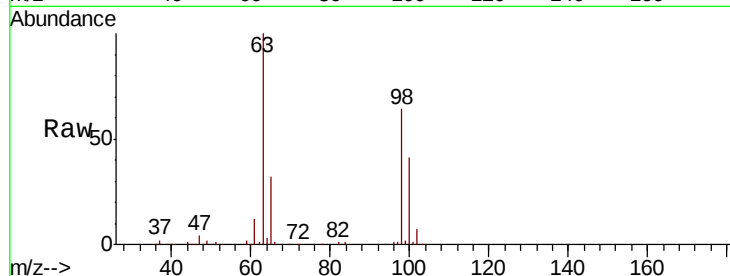
Tot Ion:101 Resp: 1238

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

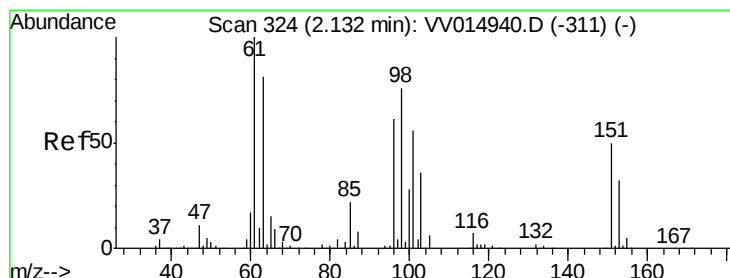
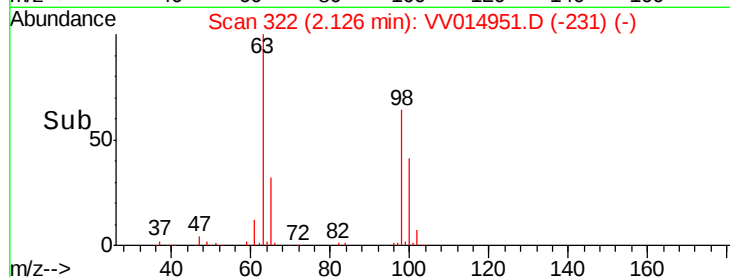
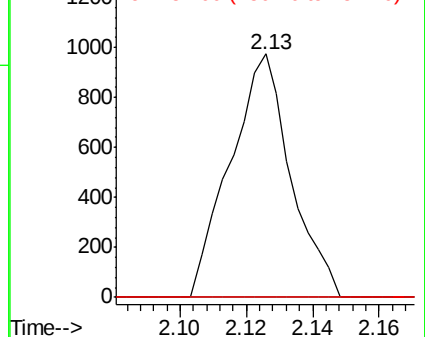
151 0.0 70.1 105.1#



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: 0.797 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014951.D

Acq: 16 Mar 2020 17:19

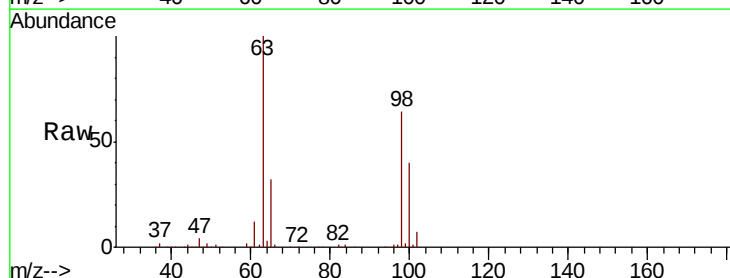
Tgt Ion: 96 Resp: 1297

Ion Ratio Lower Upper

96 100

61 1303.1 115.7 214.9#

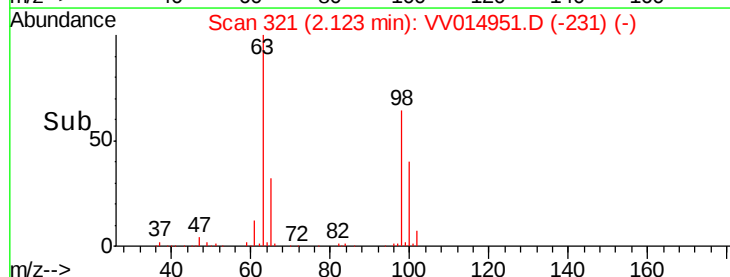
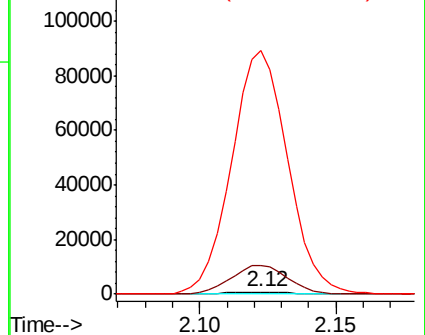
63 10893.3 99.2 184.2#

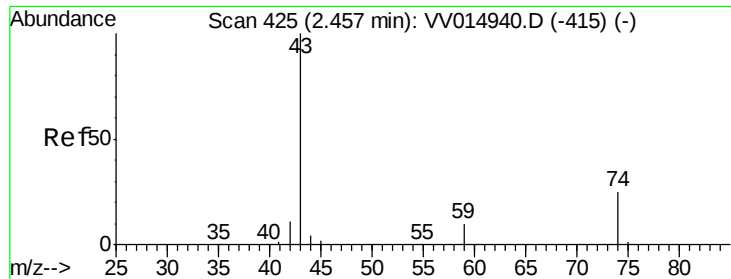


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#15

Methvl Acetate

Concen: 6.714 ug/L

RT: 2.38 min Scan# 400

Delta R.T. -0.08 min

Lab File: VV014951.D

Acq: 16 Mar 2020 17:19

Instrument :

MSVOA_V

ClientSampled :

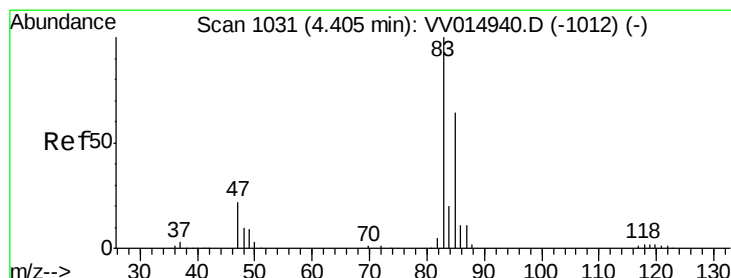
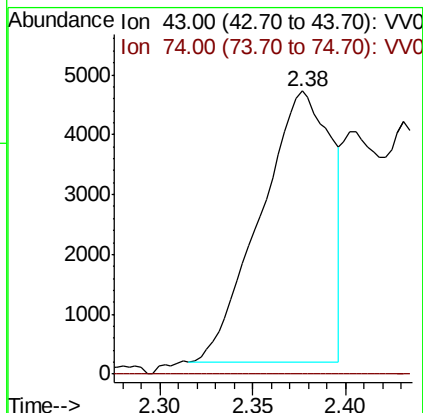
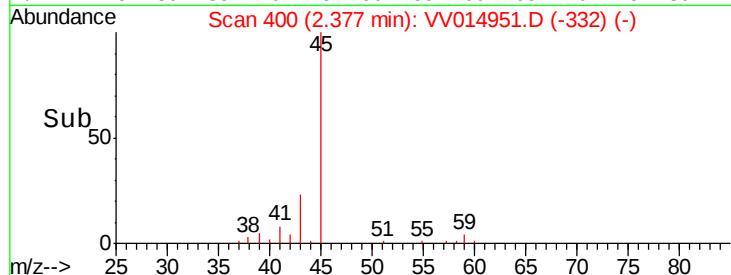
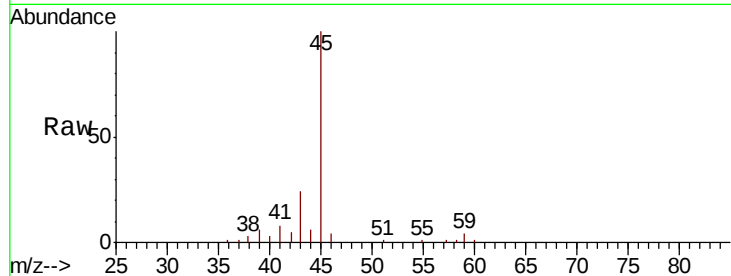
C0DH3

Tot Ion: 43 Resp: 12046

Ion Ratio Lower Upper

43 100

74 0.0 22.4 33.6#



#25

Chloroform

Concen: 4.583 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014951.D

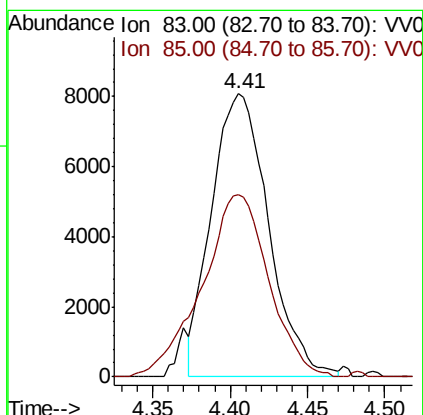
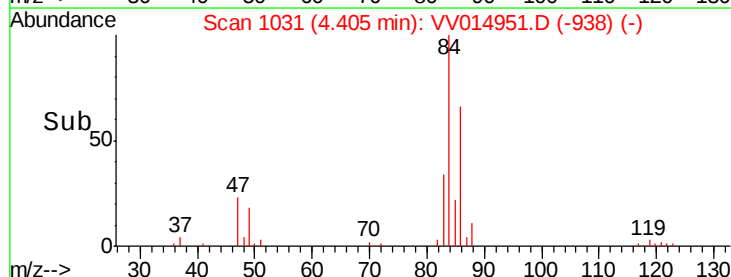
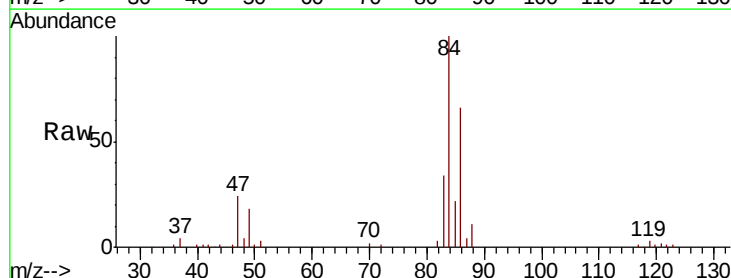
Acq: 16 Mar 2020 17:19

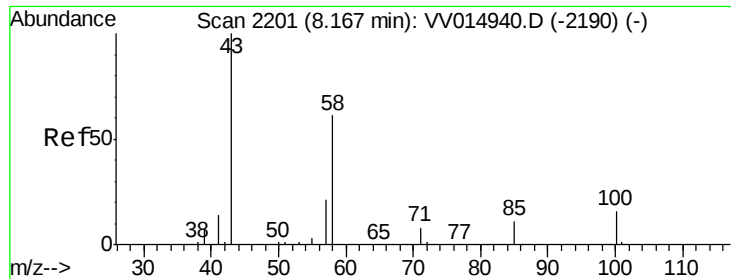
Tgt Ion: 83 Resp: 20768

Ion Ratio Lower Upper

83 100

85 64.6 44.6 82.8

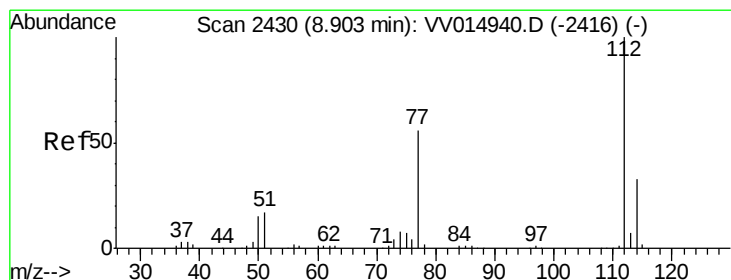
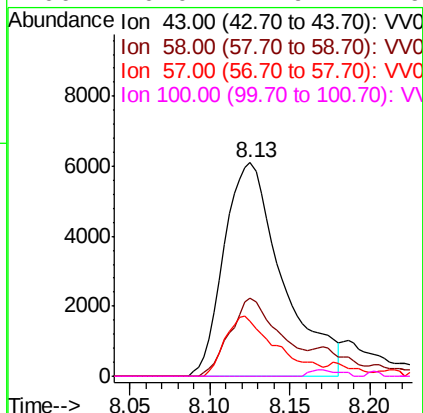
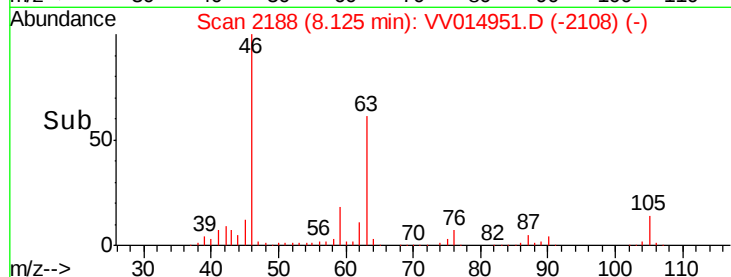
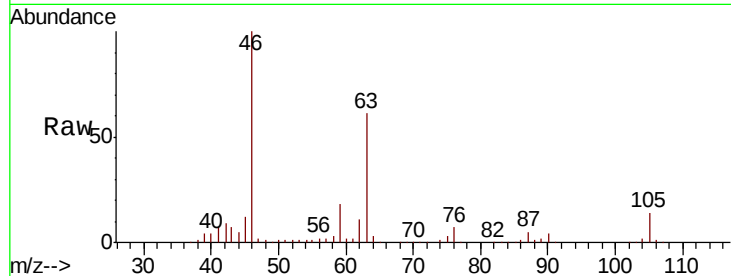




#48
2-Hexanone
Concen: 6.226 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.04 min
Lab File: VV014951.D
Acq: 16 Mar 2020 17:19

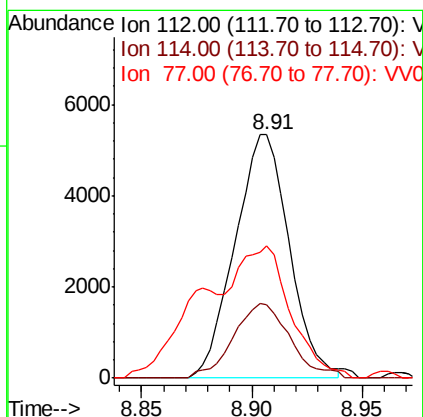
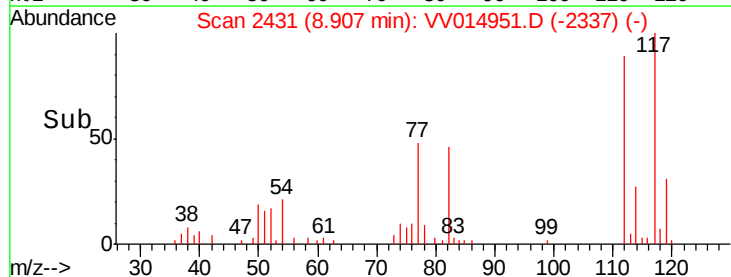
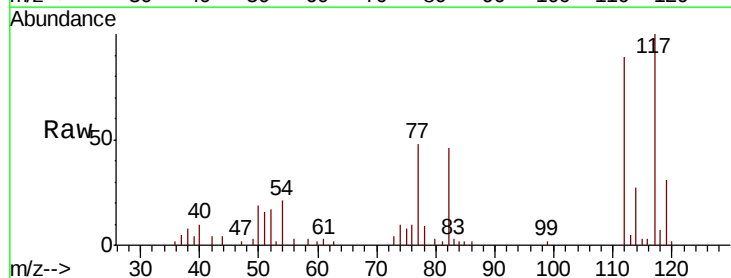
Instrument :
MSVOA_V
ClientSampleId :
C0DH3

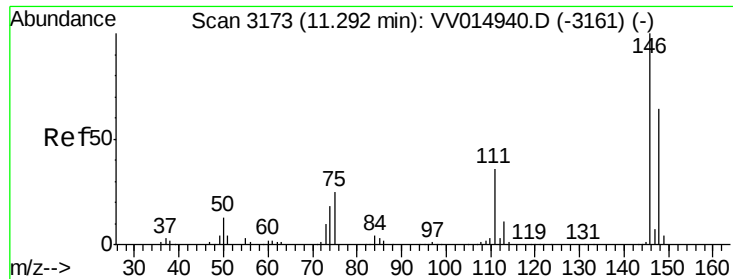
Tot Ion	Ratio	Lower	Upper
43	100		
58	31.5	46.9	70.3#
57	22.9	16.2	24.4
100	0.0	11.9	17.9#



#51
Chlorobenzene
Concen: 1.285 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV014951.D
Acq: 16 Mar 2020 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.8	42.4
77	54.1	44.5	66.7





#63

1,4-Dichlorobenzene

Concen: 1.141 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV014951.D

Acq: 16 Mar 2020 17:19

Instrument :

MSVOA_V

ClientSampled :

C0DH3

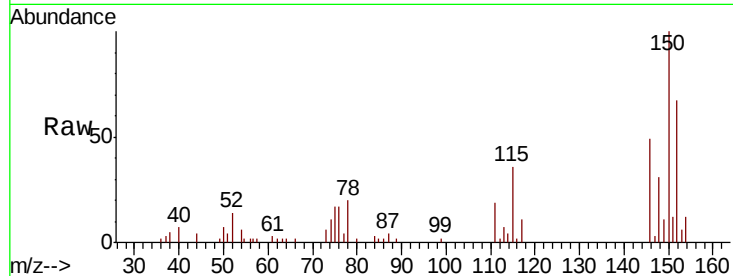
Tot Ion:146 Resp: 6147

Ion Ratio Lower Upper

146 100

111 39.0 26.0 48.2

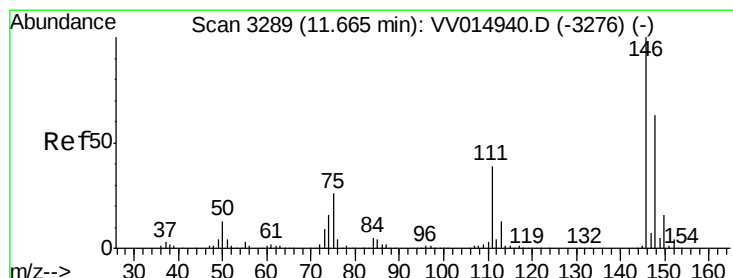
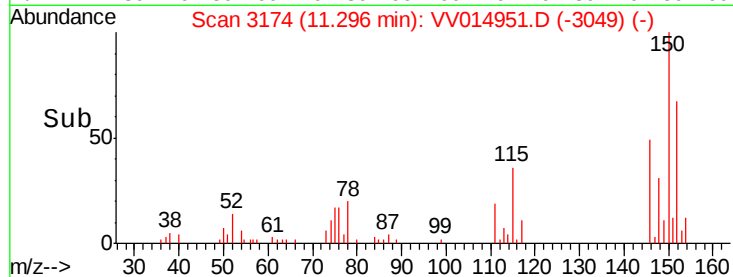
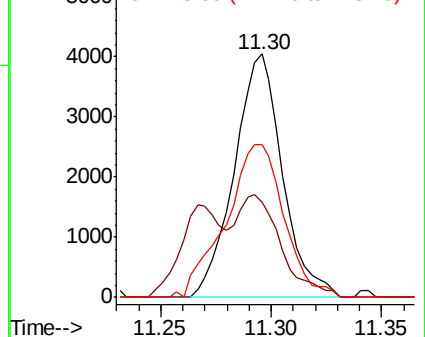
148 62.6 46.1 85.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.749 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014951.D

Acq: 16 Mar 2020 17:19

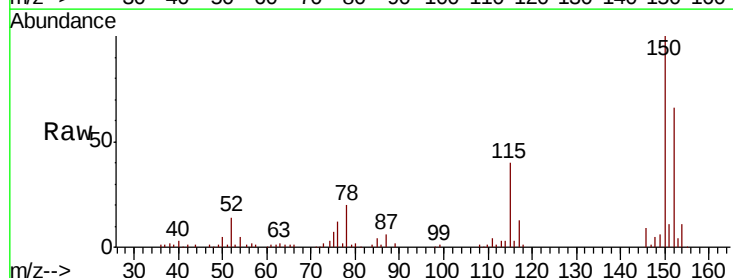
Tgt Ion:146 Resp: 4001

Ion Ratio Lower Upper

146 100

111 47.6 31.6 47.4#

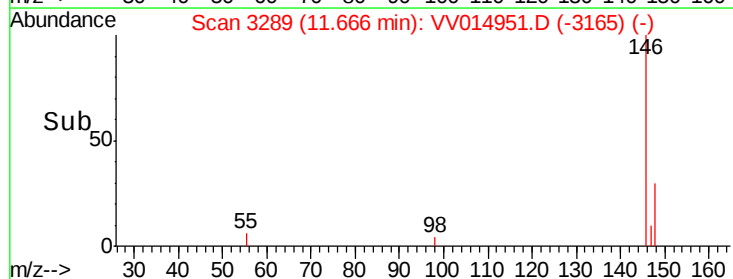
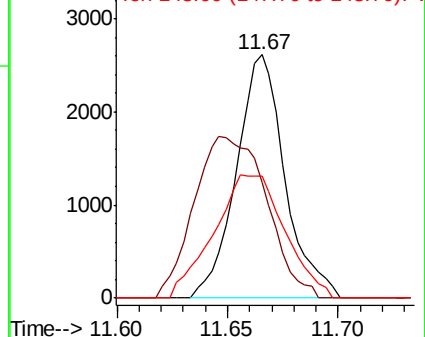
148 50.1 52.2 78.4#

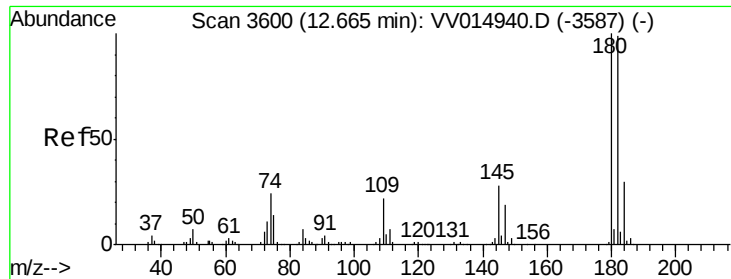


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

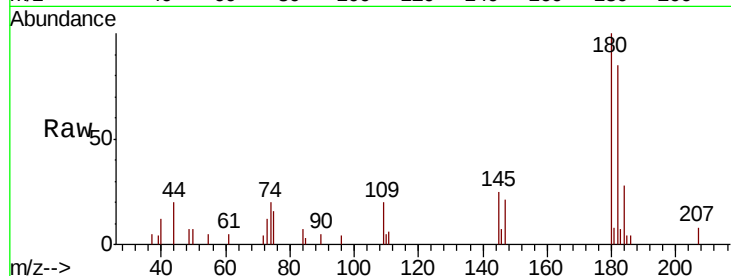




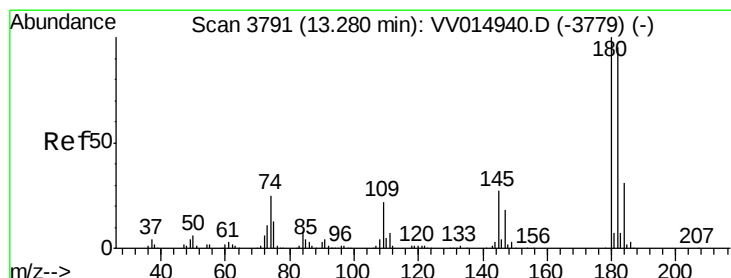
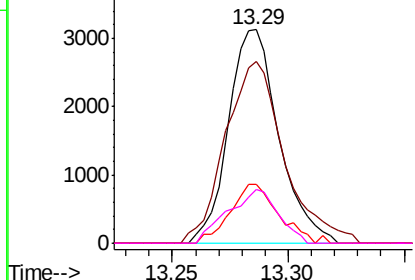
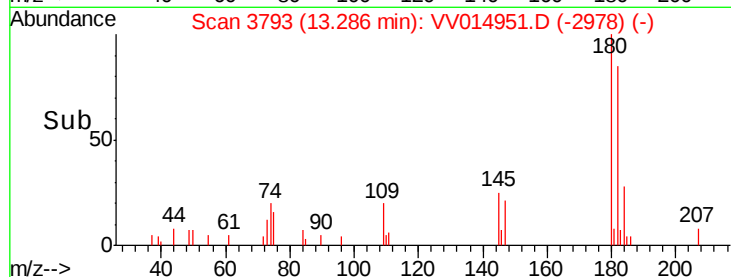
#67
 1,3,5-Trichlorobenzene
 Concen: 1.127 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV014951.D
 Acq: 16 Mar 2020 17:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH3

Tot Ion:180 Resp: 4725
 Ion Ratio Lower Upper
 180 100
 182 99.4 75.7 113.5
 184 26.1 24.2 36.4
 145 25.2 22.0 33.0

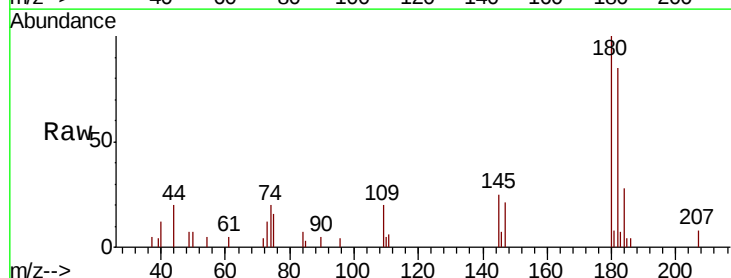


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.264 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV014951.D
 Acq: 16 Mar 2020 17:19

Tgt Ion:180 Resp: 4725
 Ion Ratio Lower Upper
 180 100
 182 99.4 76.3 114.5
 145 25.2 23.1 34.7



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

