

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014785.D
 Acq On : 09 Mar 2020 18:37
 Operator : SY/MD
 Sample : L1835-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH9

Quant Time: Mar 10 14:50:10 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	432127	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	416951	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	202185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115966	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.58	69	96797	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.74%
11) 1,1-Dichloroethene-d2	2.12	63	151274	31.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.26%
21) 2-Butanone-d5	3.94	46	198463	90.99	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.99%
24) Chloroform-d	4.38	84	252283	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.06	65	171983	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.07	84	523587	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
36) 1,2-Dichloropropane-d6	6.10	67	165394	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.66%
41) Toluene-d8	7.34	98	493060	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.64	79	73021	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.12	63	154963	95.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	225273	44.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.76%
64) 1,2-Dichlorobenzene-d4	11.64	152	193578	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

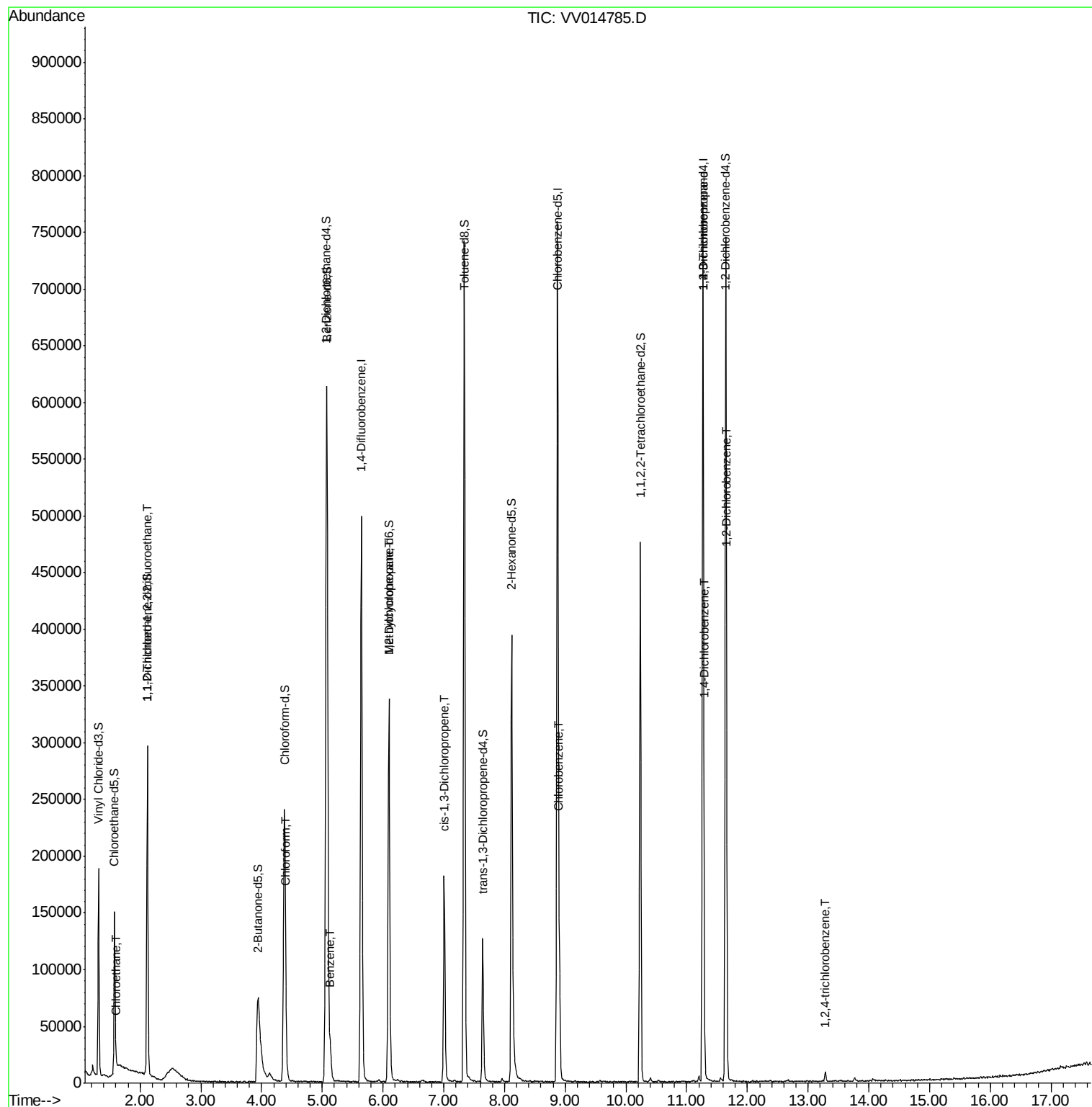
						Qvalue
8) Chloroethane	1.62	64	19205	10.25	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1617	0.67	ug/L #	18
25) Chloroform	4.41	83	5039	0.86	ug/L #	75
33) Benzene	5.13	78	32844	2.72	ug/L	100
35) Methylcyclohexane	6.09	83	40890	7.85	ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	4426	0.87	ug/L #	56
51) Chlorobenzene	8.90	112	57306	6.68	ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	24117	5.79	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	13192	2.00	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	10455	1.61	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	2801	0.60	ug/L	94

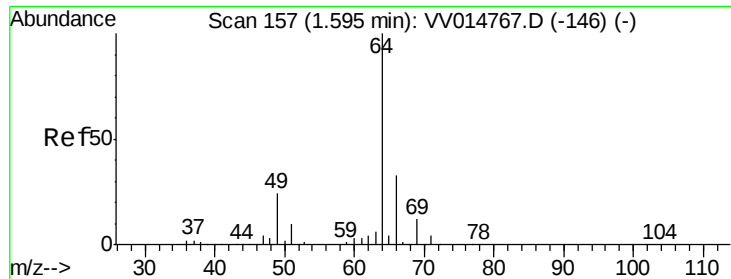
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 10.25 ug/L

RT: 1.62 min Scan# 164

Delta R.T. 0.02 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

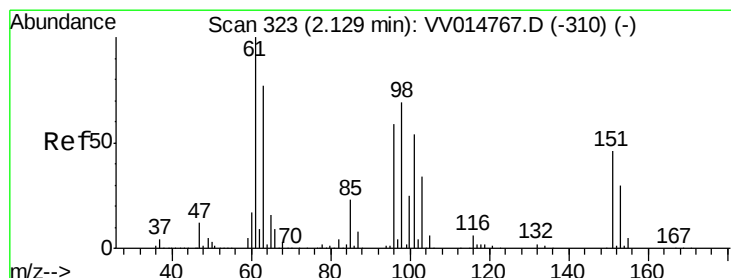
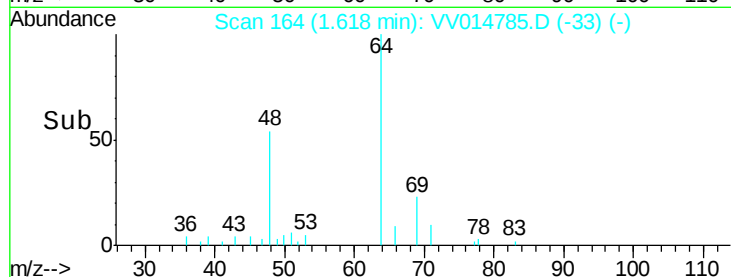
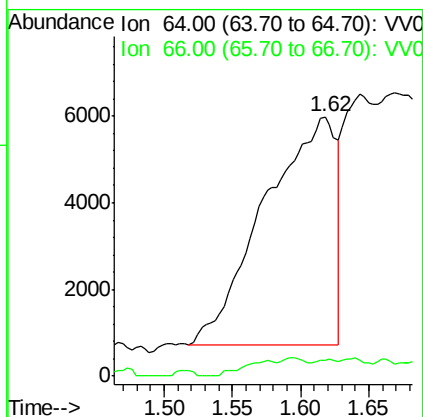
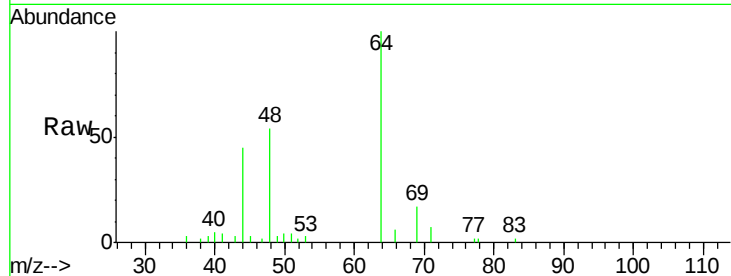
C0DH9

Tgt Ion: 64 Resp: 19205

Ion Ratio Lower Upper

64 100

66 6.2 22.6 42.0#



#10

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

Concen: 0.67 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

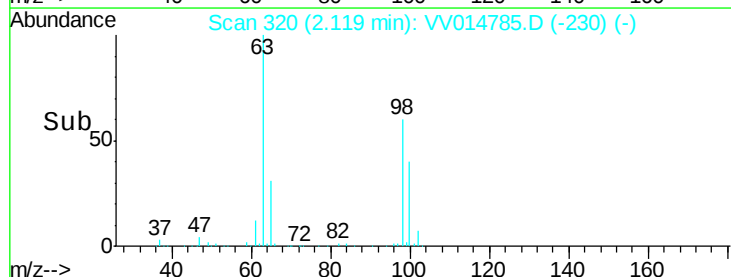
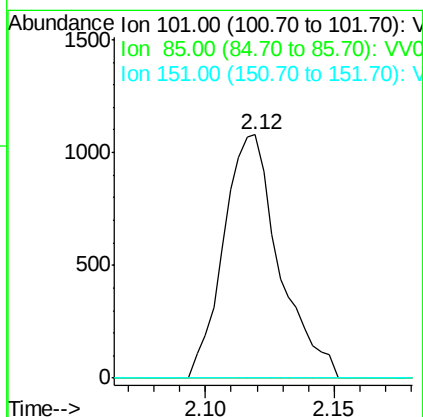
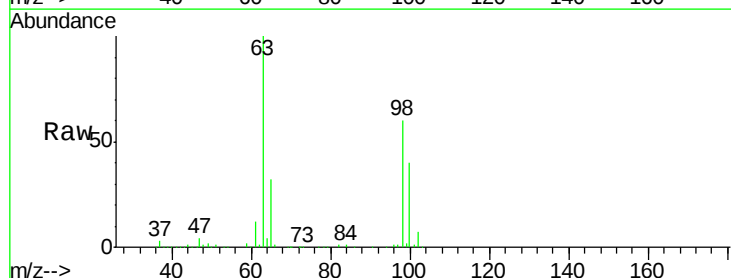
Tgt Ion: 101 Resp: 1617

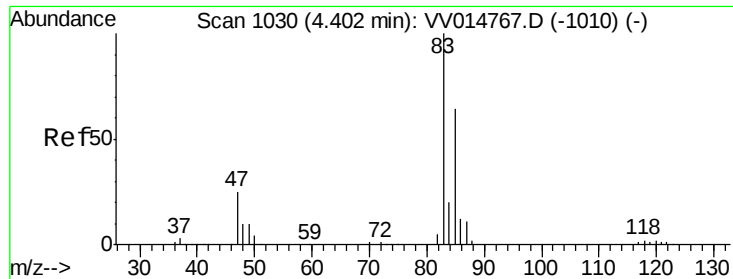
Ion Ratio Lower Upper

101 100

85 2.7 35.0 52.6#

151 0.0 66.4 99.6#

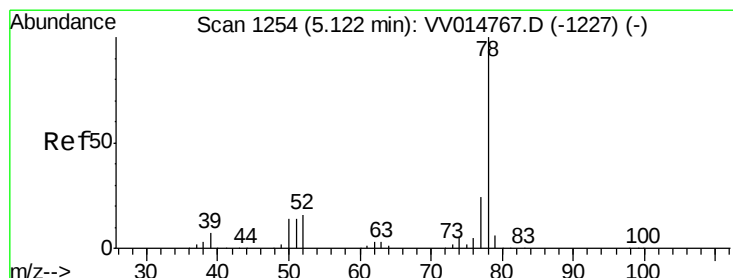
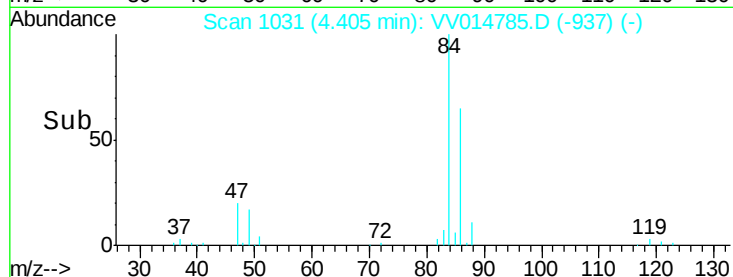
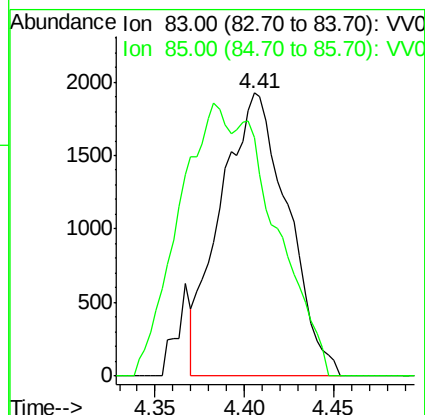
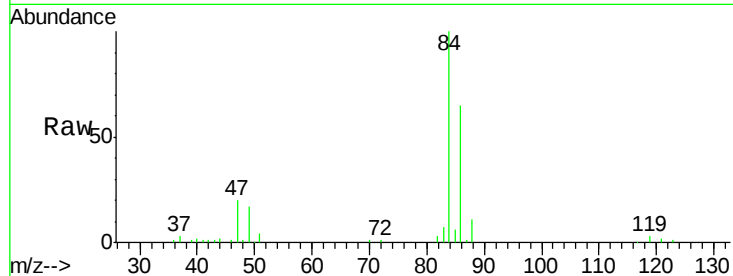




#25
Chloroform
Concen: 0.86 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014785.D
Acq: 09 Mar 2020 18:37

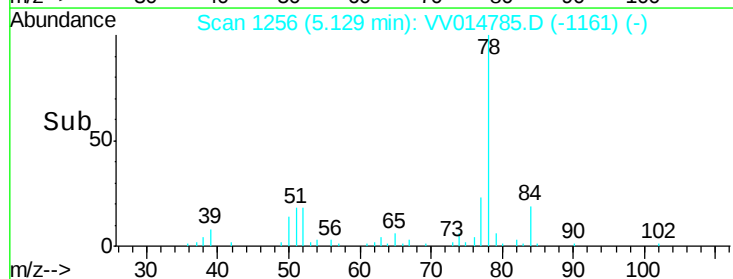
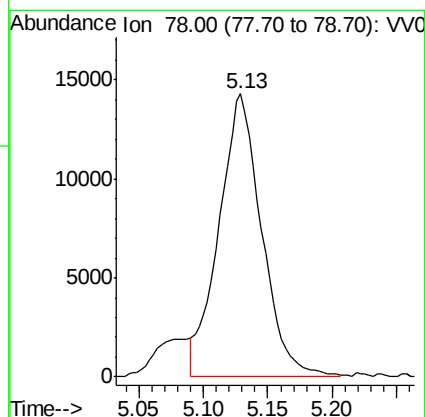
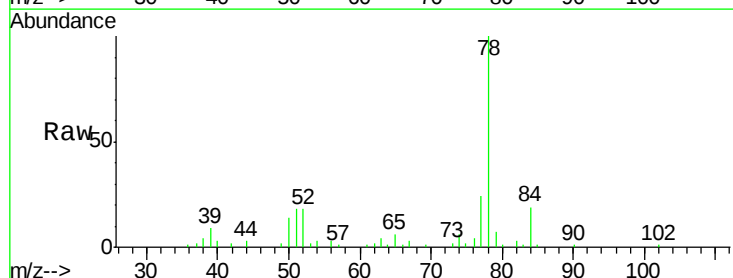
Instrument :
MSVOA_V
ClientSampleId :
C0DH9

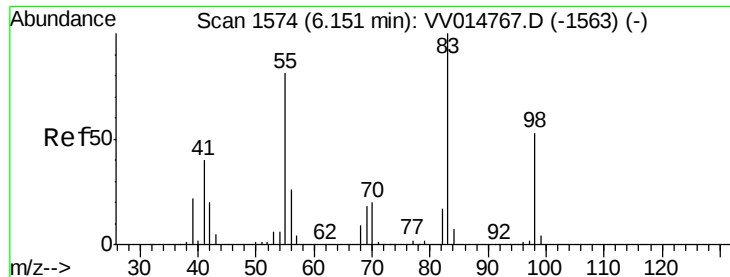
Tgt Ion: 83 Resp: 5039
Ion Ratio Lower Upper
83 100
85 84.3 45.1 83.9#



#33
Benzene
Concen: 2.72 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV014785.D
Acq: 09 Mar 2020 18:37

Tgt Ion: 78 Resp: 32844

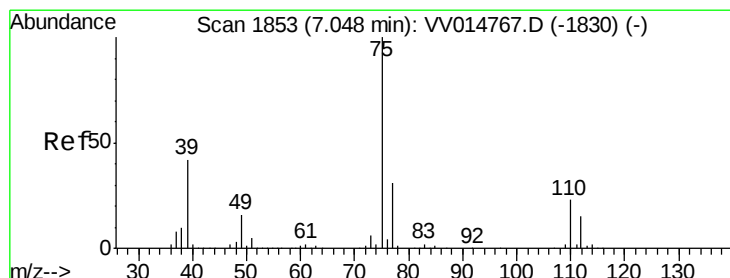
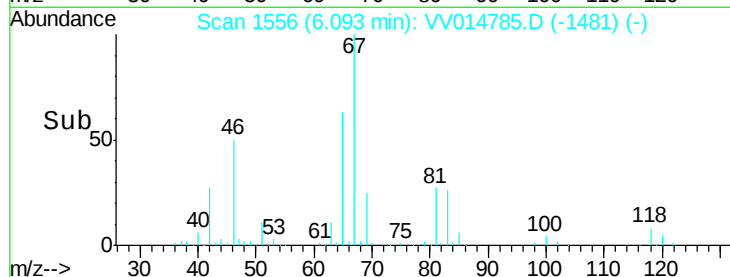
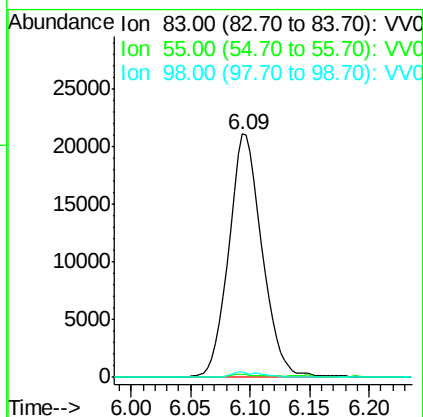
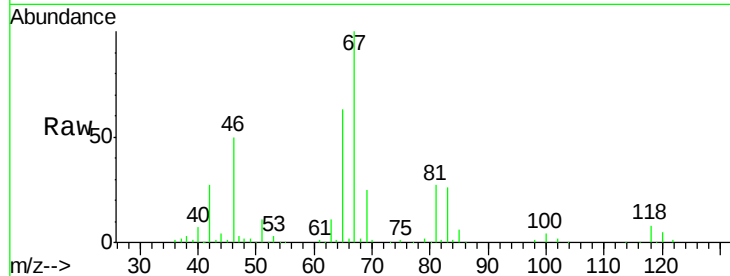




#35
Methylcyclohexane
Concen: 7.85 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV014785.D
Acq: 09 Mar 2020 18:37

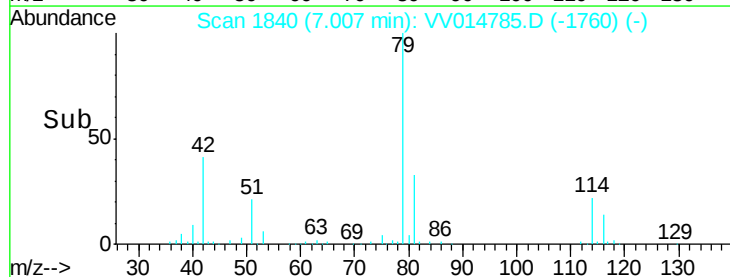
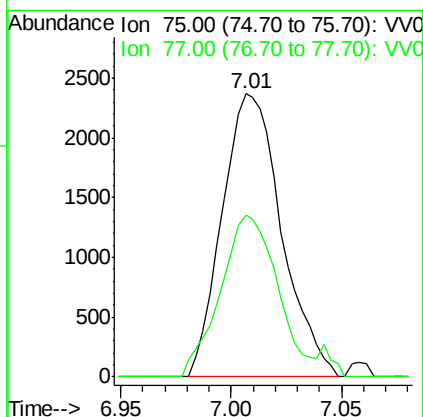
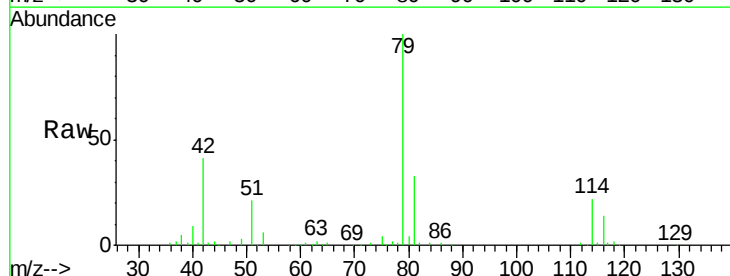
Instrument :
MSVOA_V
ClientSampled :
C0DH9

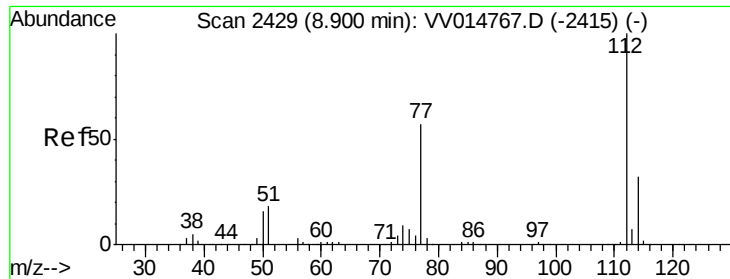
Tgt Ion: 83 Resp: 40890
Ion Ratio Lower Upper
83 100
55 1.0 63.4 95.2#
98 1.1 36.8 55.2#



#39
cis-1,3-Dichloropropene
Concen: 0.87 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV014785.D
Acq: 09 Mar 2020 18:37

Tgt Ion: 75 Resp: 4426
Ion Ratio Lower Upper
75 100
77 57.4 22.8 42.4#





#51

Chlorobenzene

Concen: 6.68 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

C0DH9

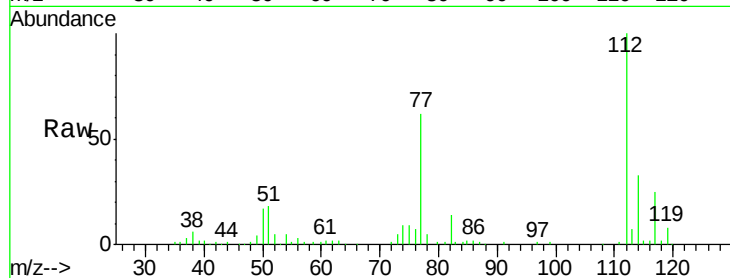
Tgt Ion: 112 Resp: 57306

Ion Ratio Lower Upper

112 100

114 33.2 22.1 41.1

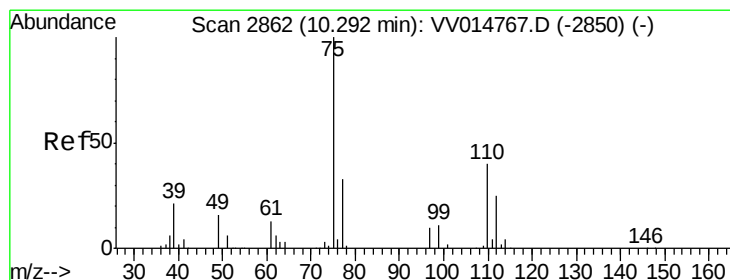
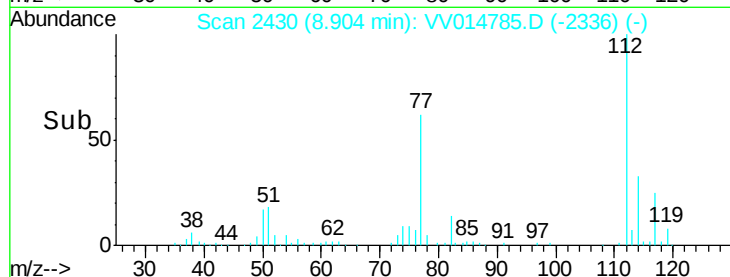
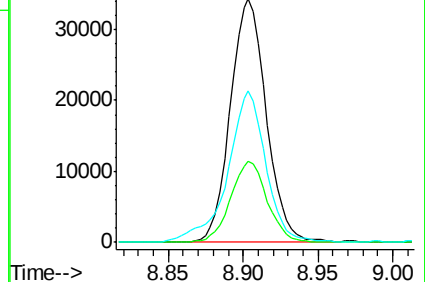
77 62.4 47.8 71.8



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: 5.79 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV014785.D

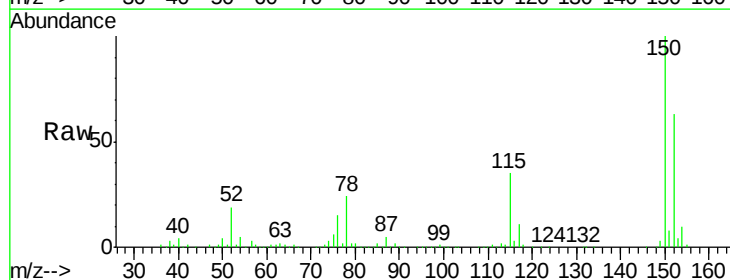
Acq: 09 Mar 2020 18:37

Tgt Ion: 75 Resp: 24117

Ion Ratio Lower Upper

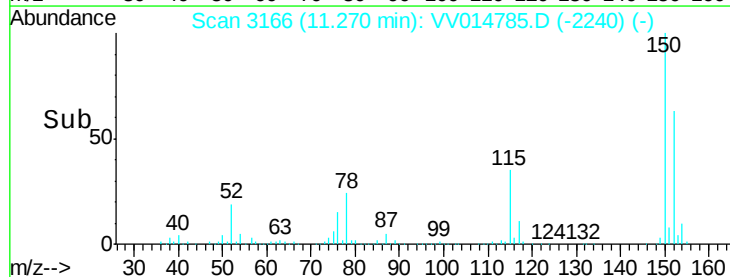
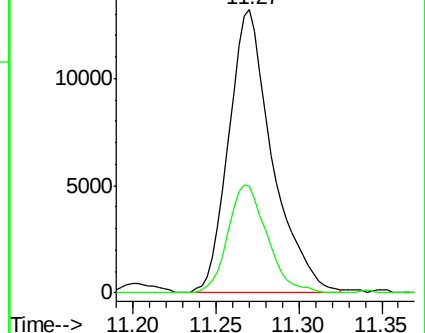
75 100

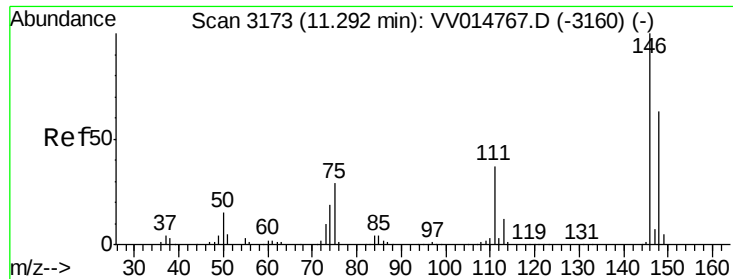
77 34.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#63

1,4-Dichlorobenzene

Concen: 2.00 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

C0DH9

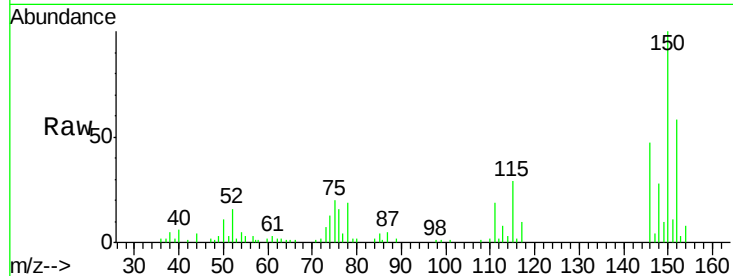
Tgt Ion:146 Resp: 13192

Ion Ratio Lower Upper

146 100

111 41.0 26.3 48.9

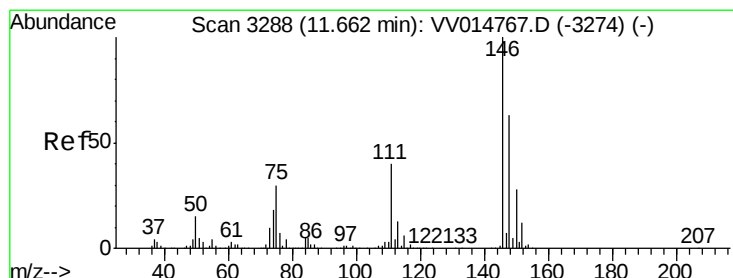
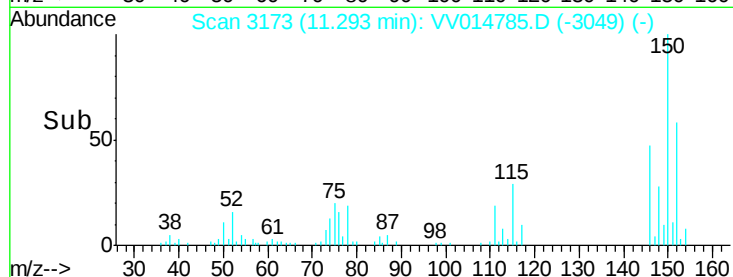
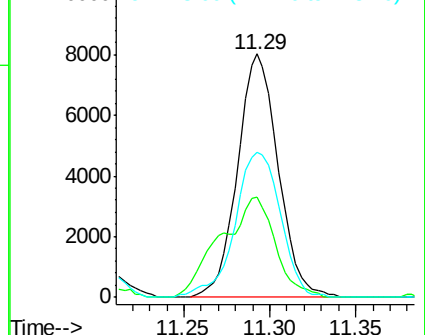
148 59.3 44.0 81.8



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: 1.61 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

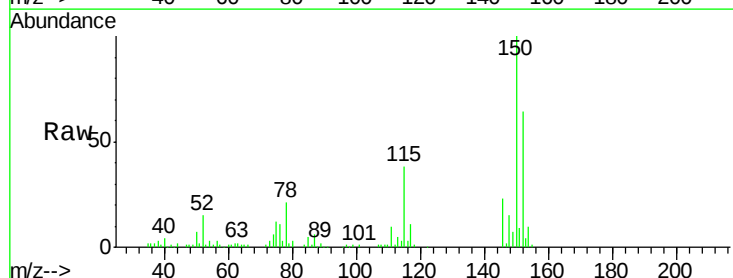
Tgt Ion:146 Resp: 10455

Ion Ratio Lower Upper

146 100

111 44.7 33.9 50.9

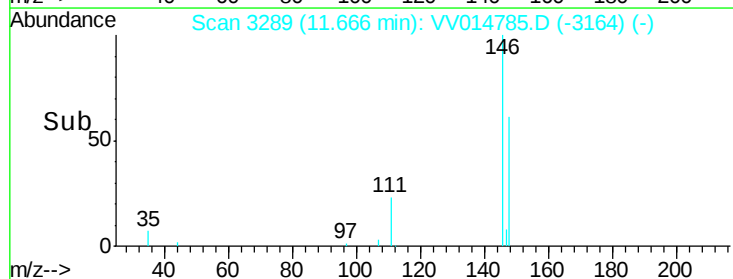
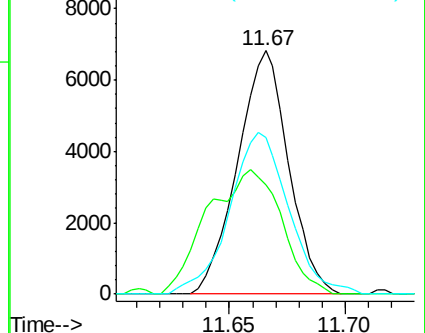
148 64.5 51.4 77.0

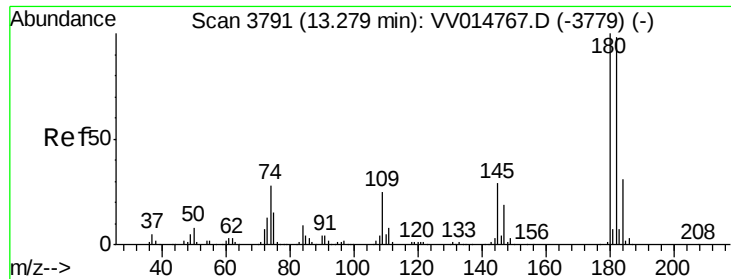


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 0.60 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV014785.D
 Acq: 09 Mar 2020 18:37

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH9

Tgt Ion:180 Resp: 2801
 Ion Ratio Lower Upper
 180 100
 182 89.4 76.6 114.8
 145 27.9 23.4 35.0

