

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014784.D
 Acq On : 09 Mar 2020 18:13
 Operator : SY/MD
 Sample : L1835-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ1

Quant Time: Mar 10 14:50:01 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	421092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	412045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	203323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116525	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.58	69	98584	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.52%
11) 1,1-Dichloroethene-d2	2.12	63	154252	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	4.09	46	2740	1.29	ug/L	0.16
Spiked Amount	100.000	Range	40 - 130	Recovery	=	1.29%#
24) Chloroform-d	4.38	84	257483	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.06	65	169562	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.08	84	518284	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
36) 1,2-Dichloropropane-d6	6.10	67	162920	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.36%
41) Toluene-d8	7.34	98	491389	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%
43) trans-1,3-Dichloropropene-	7.64	79	70342	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
47) 2-Hexanone-d5	8.12	63	159302	99.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	225208	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	197694	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%

Target Compounds

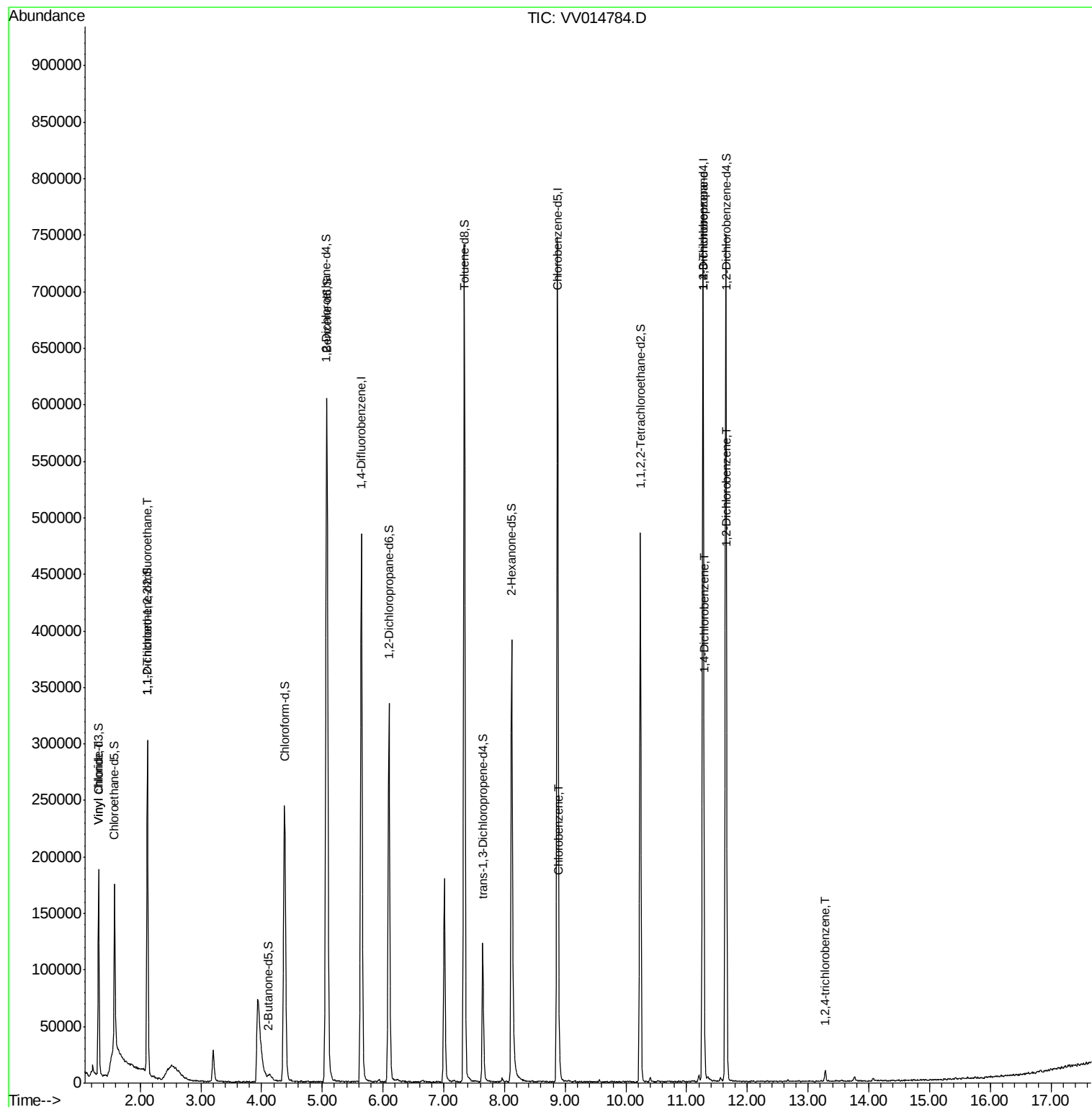
						Qvalue
5) Vinyl chloride	1.32	62	2388	0.70	ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1566	0.67	ug/L	# 16
51) Chlorobenzene	8.90	112	7312	0.86	ug/L	94
59) 1,2,3-Trichloropropane	11.27	75	24834	6.03	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	10989	1.66	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	8784	1.34	ug/L	92
68) 1,2,4-trichlorobenzene	13.29	180	3430	0.73	ug/L	93

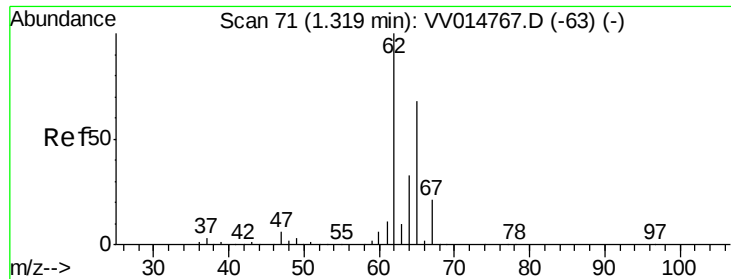
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.70 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV014784.D

Acq: 09 Mar 2020 18:13

Instrument :

MSVOA_V

ClientSampled :

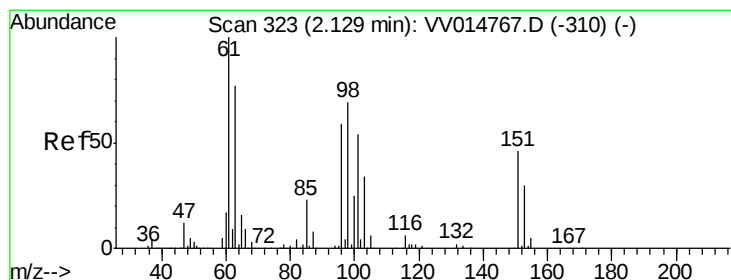
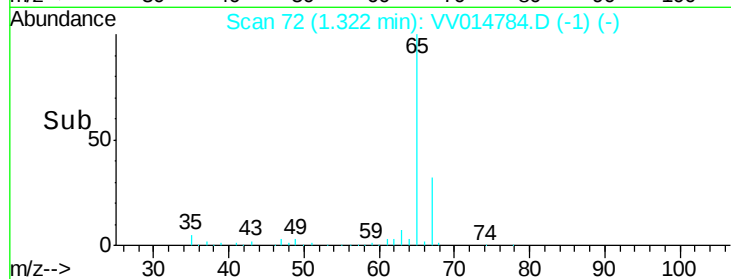
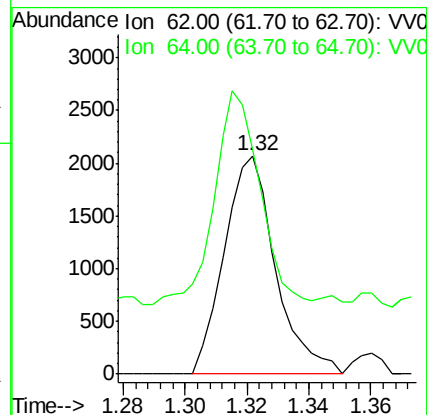
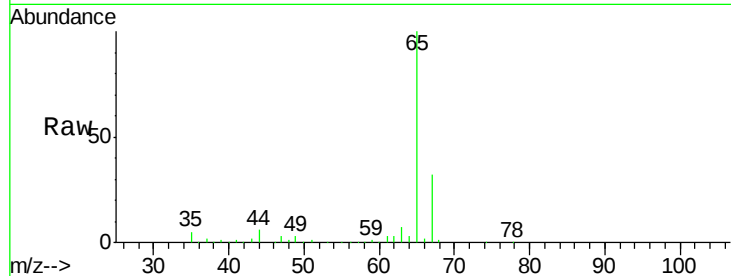
C0DJ1

Tgt Ion: 62 Resp: 2388

Ion Ratio Lower Upper

62 100

64 102.8 22.3 41.5#



#10

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

Concen: 0.67 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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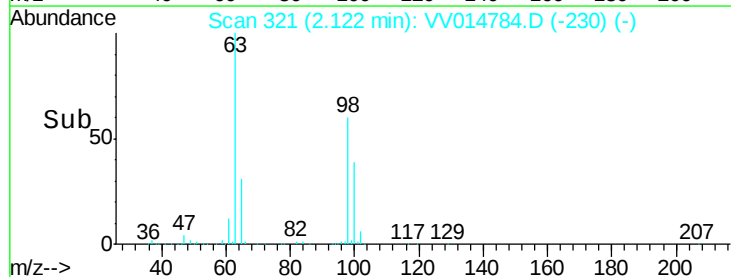
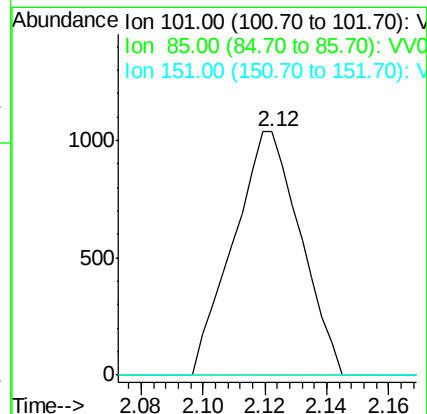
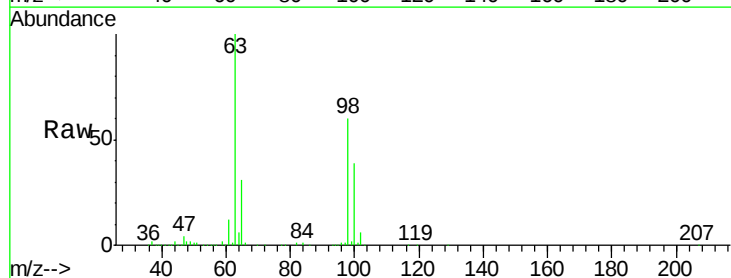
Tgt Ion: 101 Resp: 1566

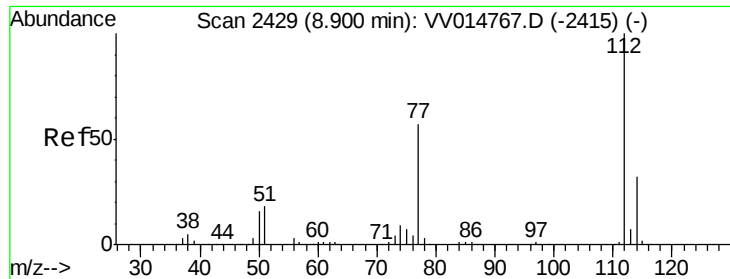
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 66.4 99.6#





#51

Chlorobenzene

Concen: 0.86 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

C0DJ1

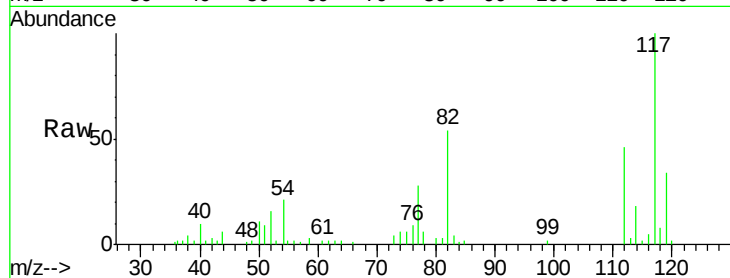
Tgt Ion: 112 Resp: 7312

Ion Ratio Lower Upper

112 100

114 39.1 22.1 41.1

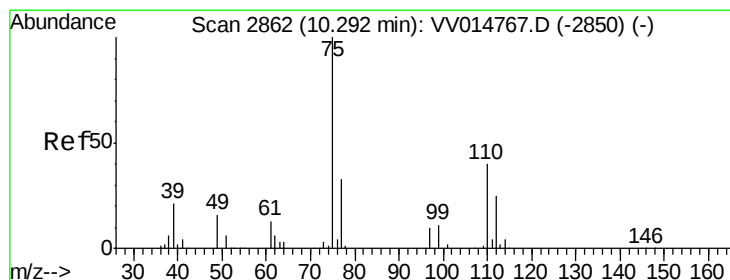
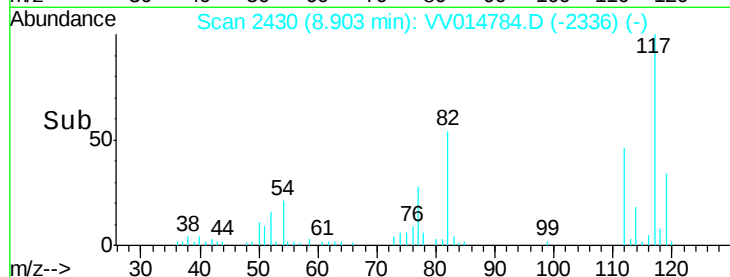
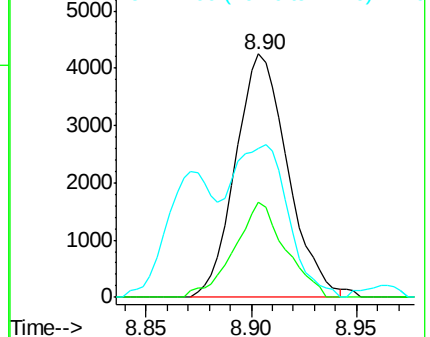
77 61.4 47.8 71.8



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: 6.03 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV014784.D

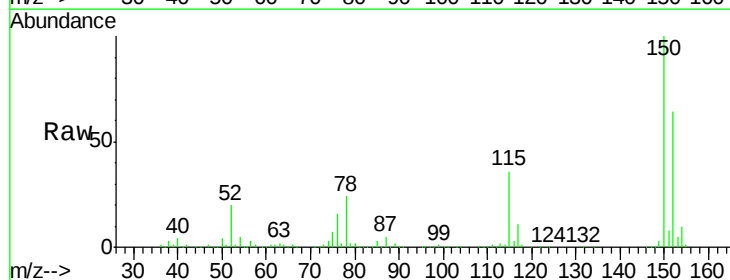
Acq: 09 Mar 2020 18:13

Tgt Ion: 75 Resp: 24834

Ion Ratio Lower Upper

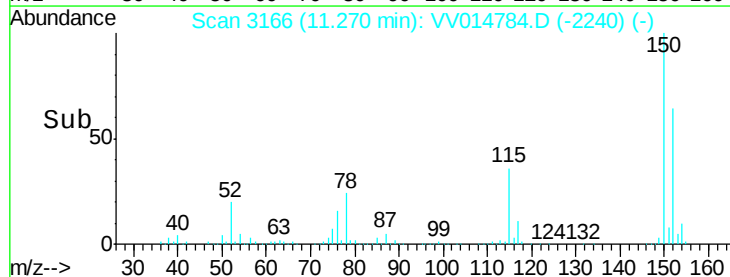
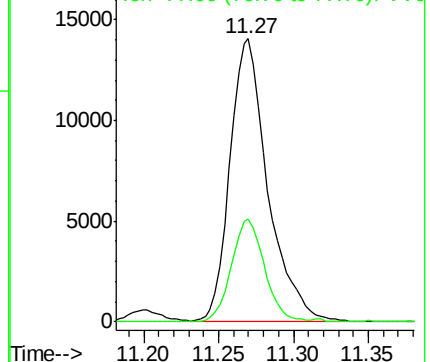
75 100

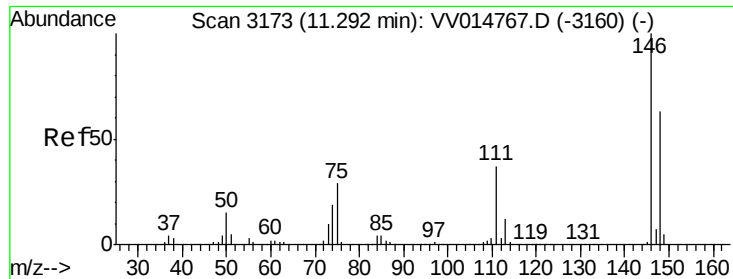
77 31.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

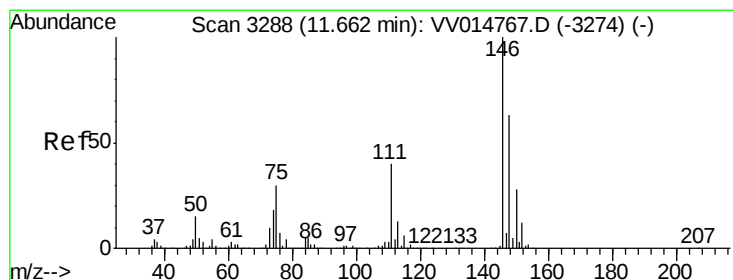
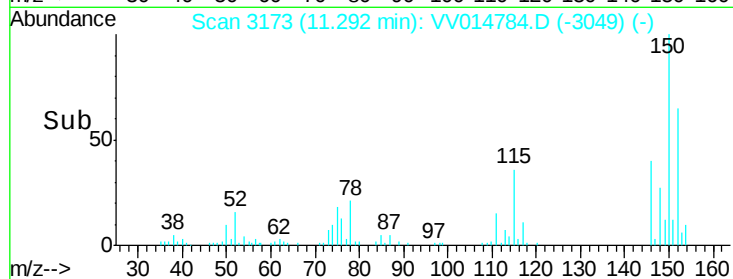
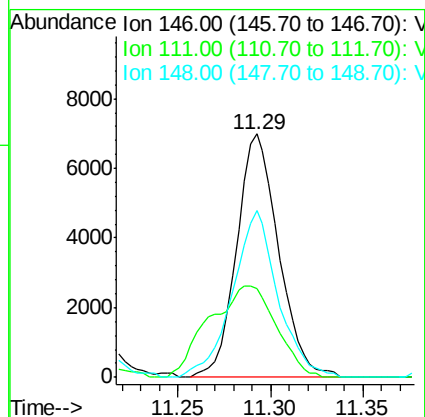
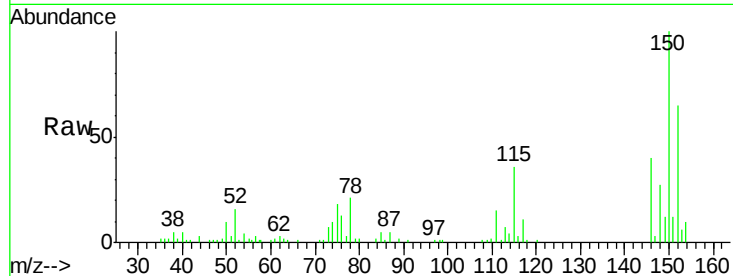




#63
 1,4-Dichlorobenzene
 Concen: 1.66 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014784.D
 Acq: 09 Mar 2020 18:13

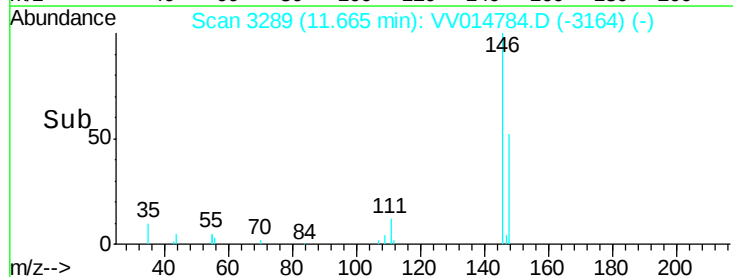
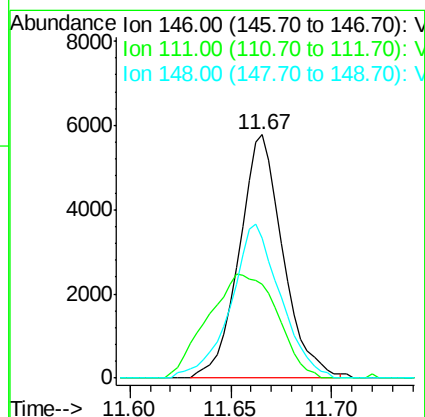
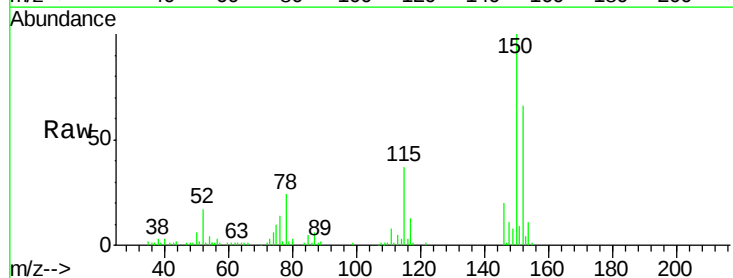
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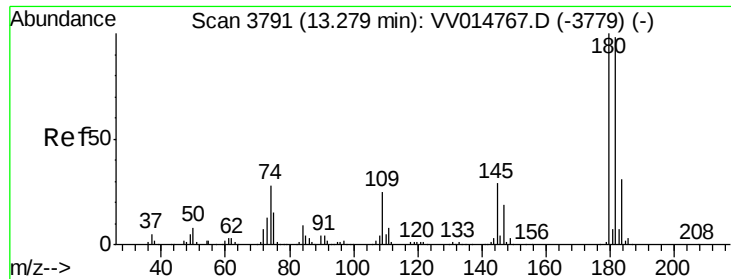
Tgt Ion:146 Resp: 10989
 Ion Ratio Lower Upper
 146 100
 111 36.5 26.3 48.9
 148 68.3 44.0 81.8



#65
 1,2-Dichlorobenzene
 Concen: 1.34 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014784.D
 Acq: 09 Mar 2020 18:13

Tgt Ion:146 Resp: 8784
 Ion Ratio Lower Upper
 146 100
 111 38.7 33.9 50.9
 148 57.3 51.4 77.0

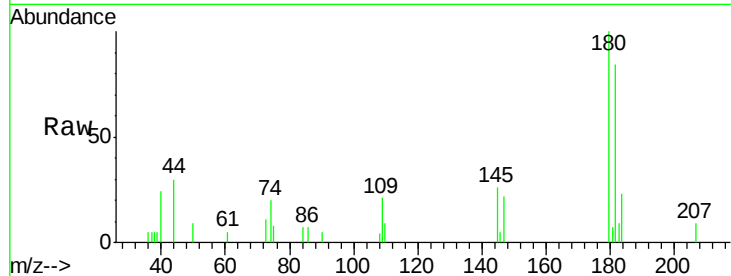




#68
 1,2,4-trichlorobenzene
 Concen: 0.73 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV014784.D
 Acq: 09 Mar 2020 18:13

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ1

Tgt Ion:180 Resp: 3430
 Ion Ratio Lower Upper
 180 100
 182 90.0 76.6 114.8
 145 35.0 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

