

Data File : VV014997.D
Acq On : 18 Mar 2020 01:10
Operator : SY/MD
Sample : L1940-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DA6

Quant Time: Mar 18 07:46:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	318003	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312546	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154108	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71239	33.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.26%
7) Chloroethane-d5	1.58	69	63456	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.66%
11) 1,1-Dichloroethene-d2	2.12	63	96623	29.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.46%#
21) 2-Butanone-d5	3.93	46	108489	83.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.99%
24) Chloroform-d	4.38	84	193419	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.06	65	130576	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.08	84	392628	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.10	67	118822	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.68%
41) Toluene-d8	7.34	98	374938	44.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.06%
43) trans-1,3-Dichloropropene-	7.64	79	56509	41.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.90%
47) 2-Hexanone-d5	8.12	63	104830	90.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173634	46.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	166127	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%

Target Compounds

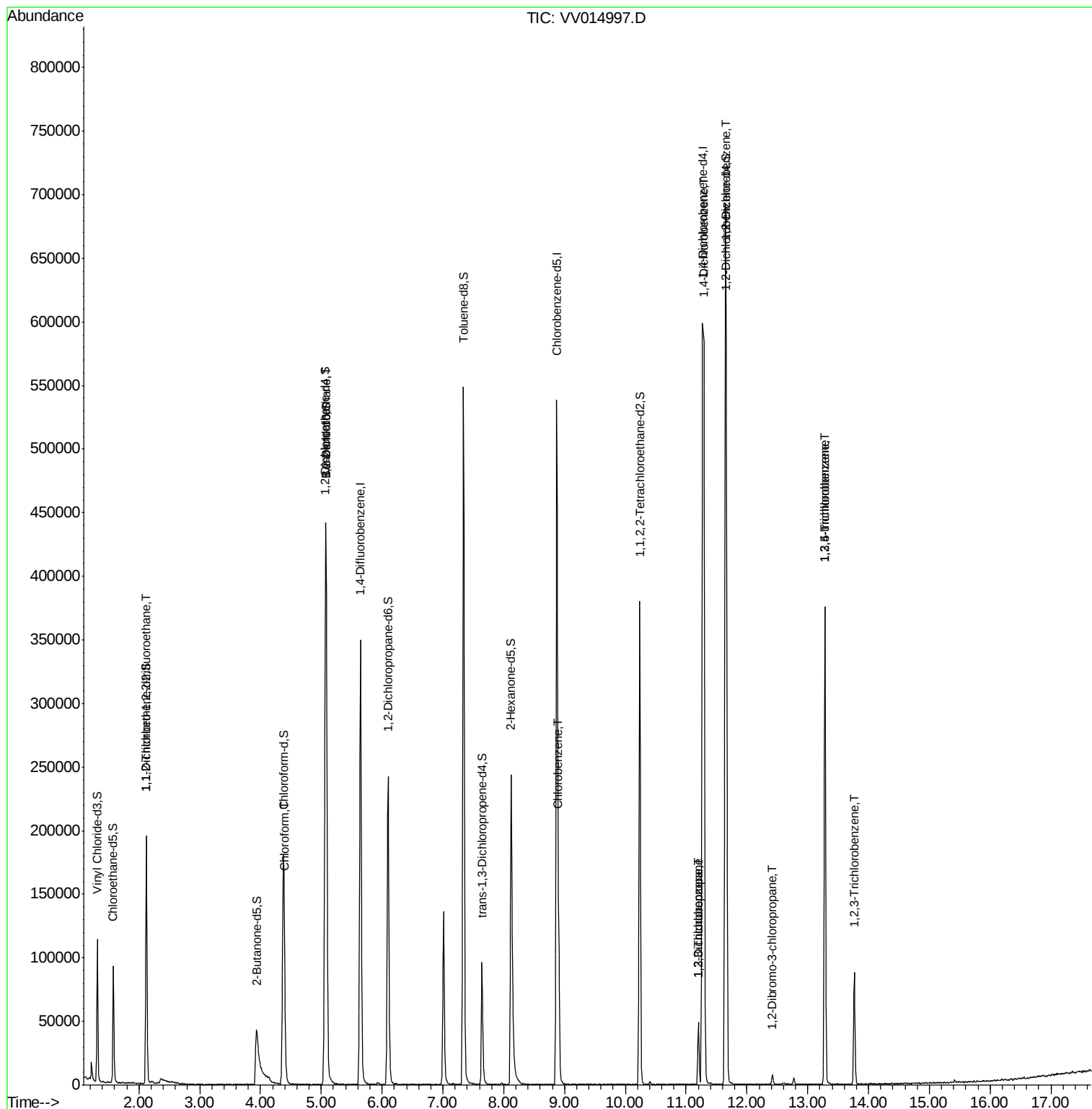
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1204	0.735	ug/L #	15
25) Chloroform	4.40	83	3801	0.913	ug/L	94
27) 1,2-Dichloroethane	5.07	62	2353	0.750	ug/L	98
51) Chlorobenzene	8.90	112	64631	9.807	ug/L	98
59) 1,2,3-Trichloropropane	11.21	75	5789	1.981	ug/L #	43
62) 1,3-Dichlorobenzene	11.20	146	21980	4.328	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	224438	43.873	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	158962	31.336	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.41	75	1227	1.609	ug/L #	1
67) 1,3,5-Trichlorobenzene	13.28	180	123047	30.903	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	123047	34.672	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	30496	8.681	ug/L	98

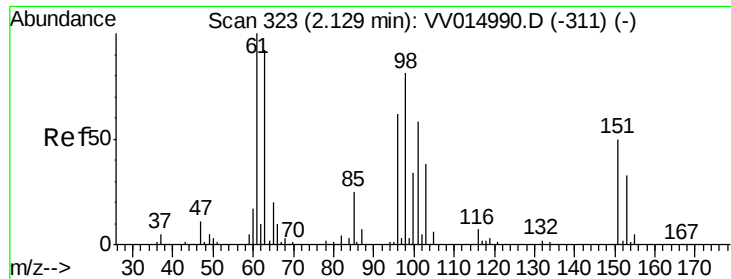
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.735 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0DA6

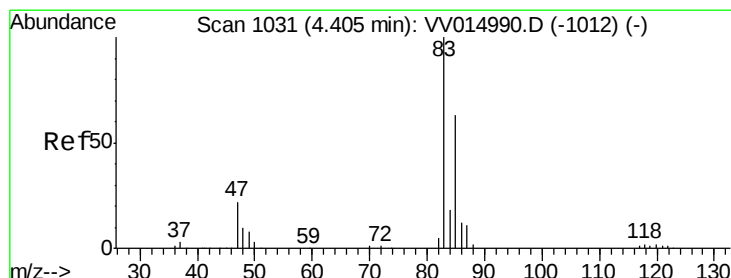
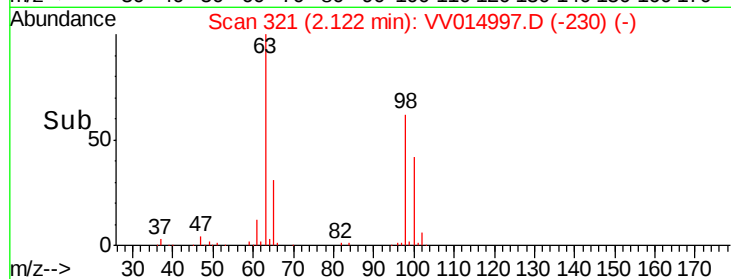
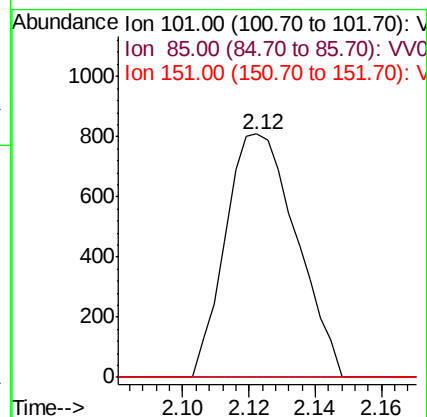
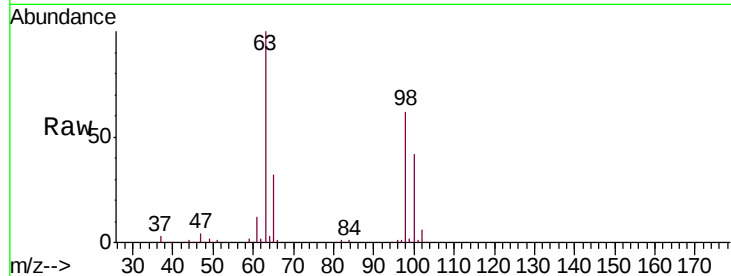
Tgt Ion:101 Resp: 1204

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

151 0.0 70.1 105.1#



#25

Chloroform

Concen: 0.913 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV014997.D

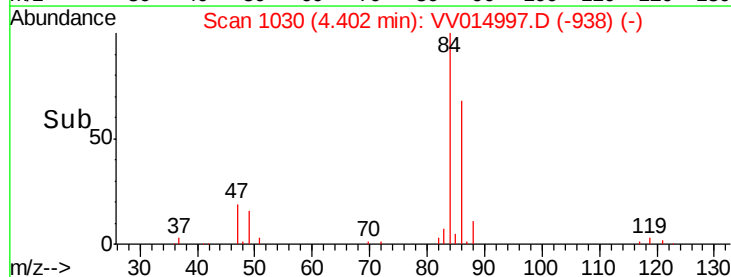
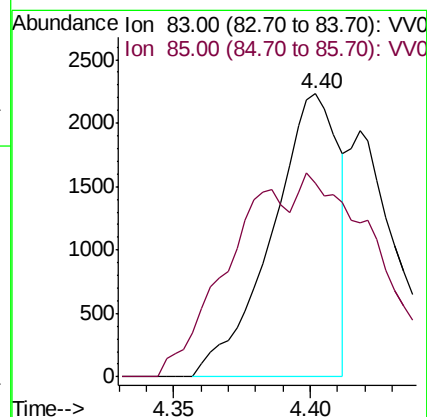
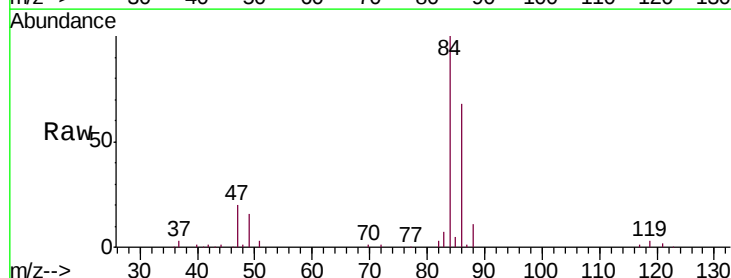
Acq: 18 Mar 2020 01:10

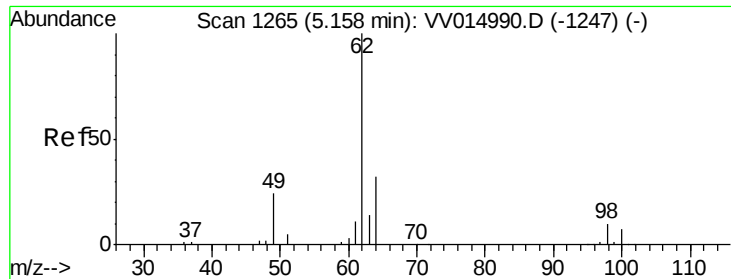
Tgt Ion: 83 Resp: 3801

Ion Ratio Lower Upper

83 100

85 68.6 44.6 82.8

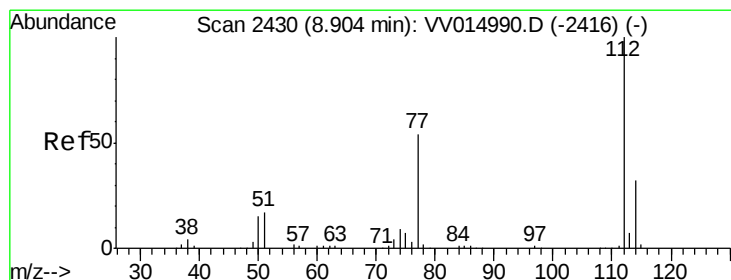
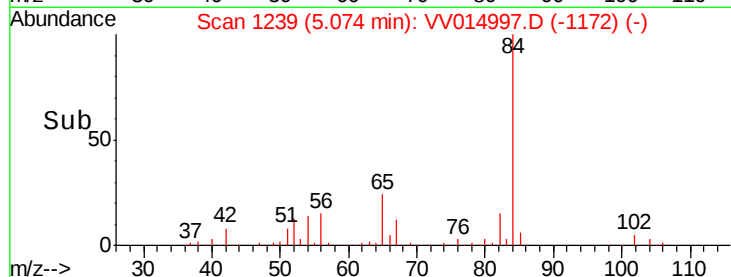
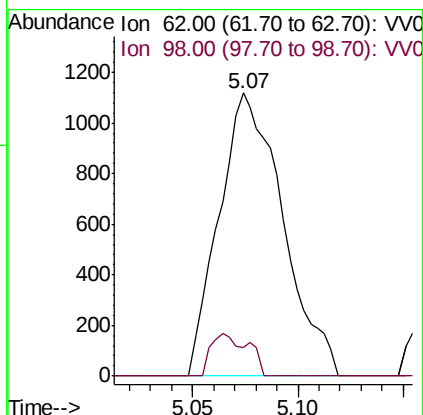
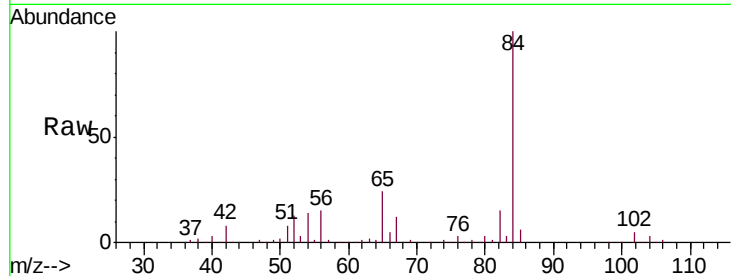




#27
 1,2-Dichloroethane
 Concen: 0.750 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

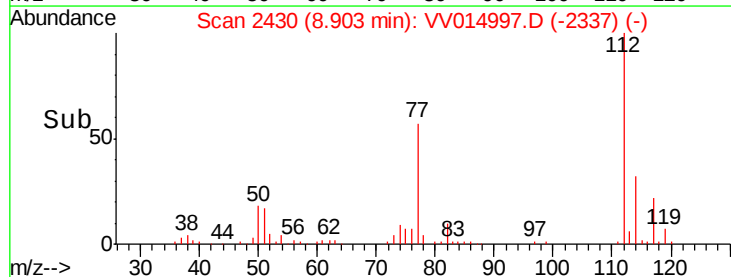
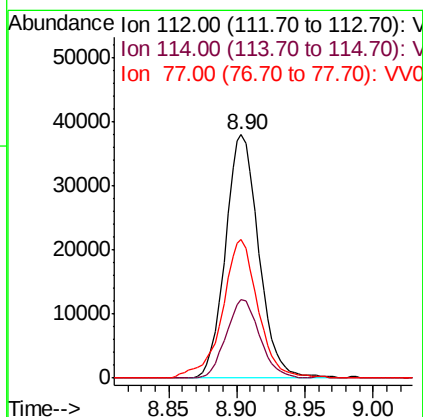
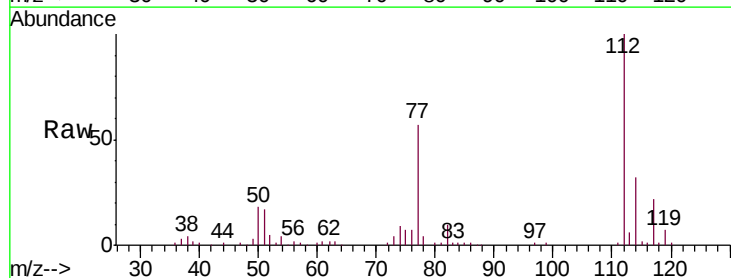
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA6

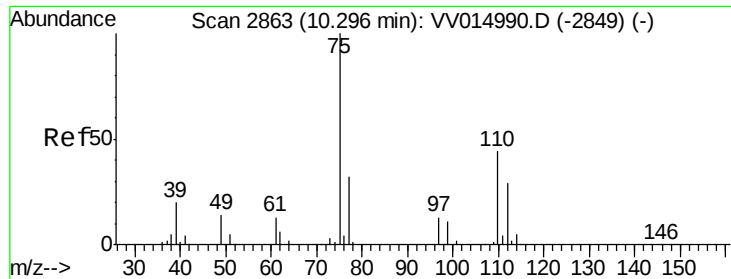
Tgt Ion: 62 Resp: 2353
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.4 11.0



#51
 Chlorobenzene
 Concen: 9.807 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

Tgt Ion: 112 Resp: 64631
 Ion Ratio Lower Upper
 112 100
 114 32.3 22.8 42.4
 77 57.2 44.5 66.7

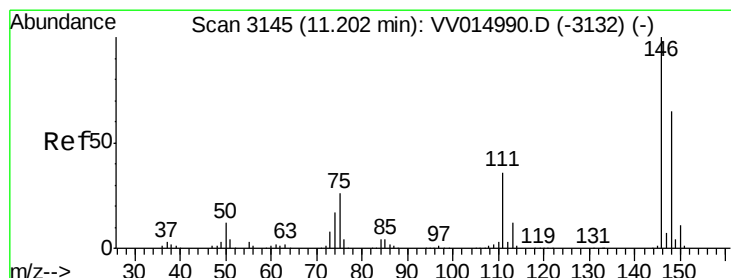
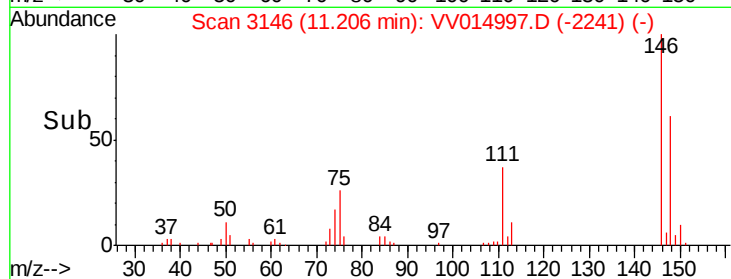
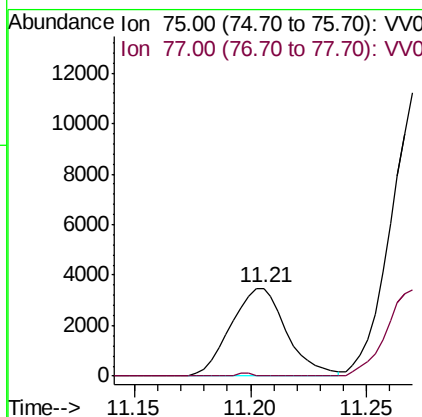
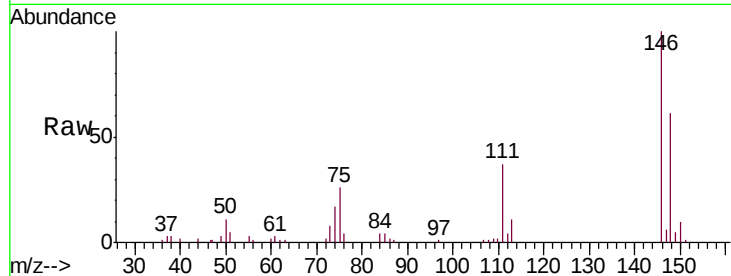




#59
 1,2,3-Trichloropropane
 Concen: 1.981 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.91 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

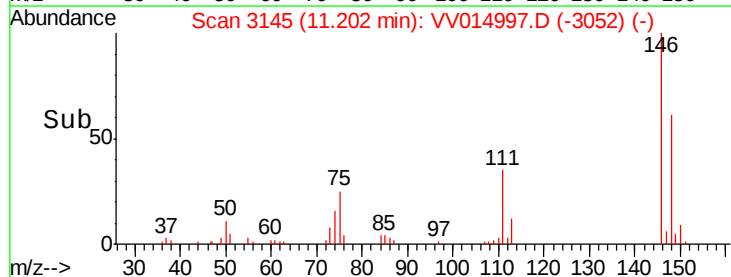
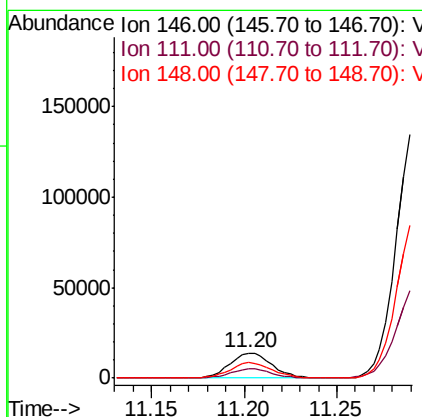
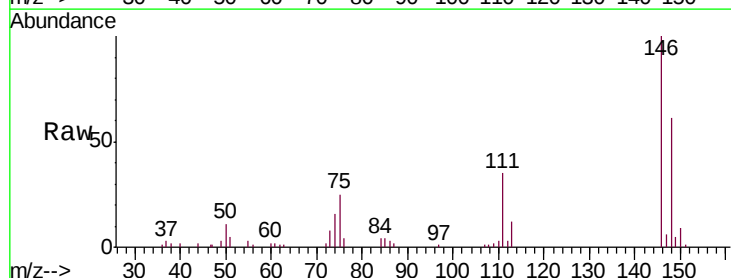
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA6

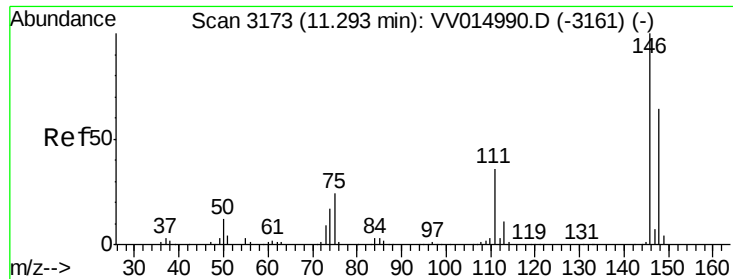
Tgt Ion: 75 Resp: 5789
 Ion Ratio Lower Upper
 75 100
 77 0.8 26.6 40.0#



#62
 1,3-Dichlorobenzene
 Concen: 4.328 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

Tgt Ion: 146 Resp: 21980
 Ion Ratio Lower Upper
 146 100
 111 35.5 26.5 49.3
 148 61.1 45.4 84.2

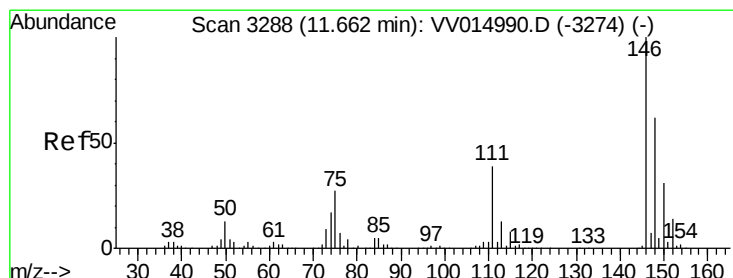
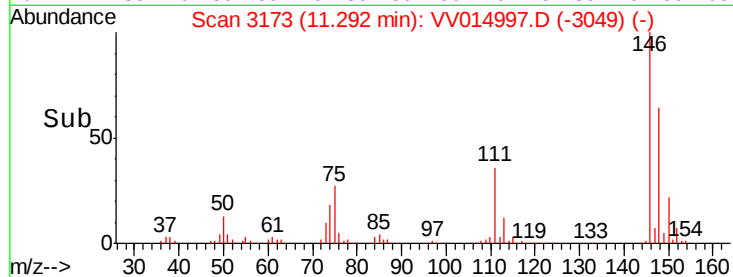
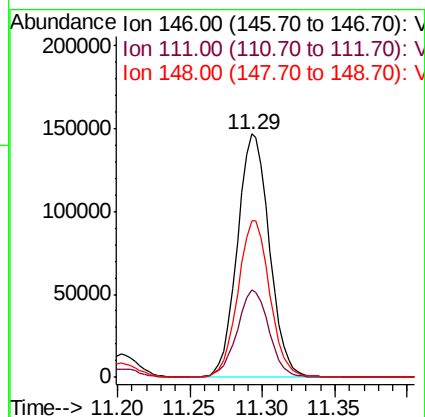
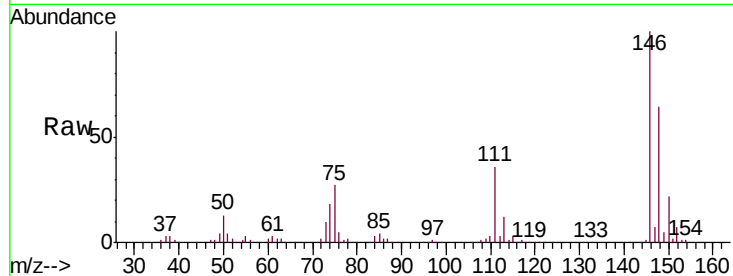




#63
 1,4-Dichlorobenzene
 Concen: 43.873 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

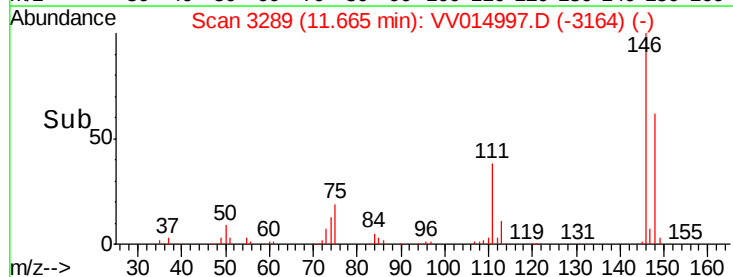
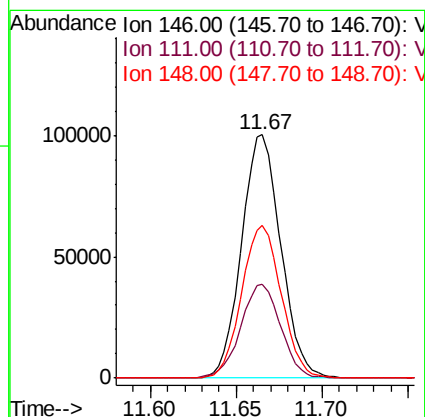
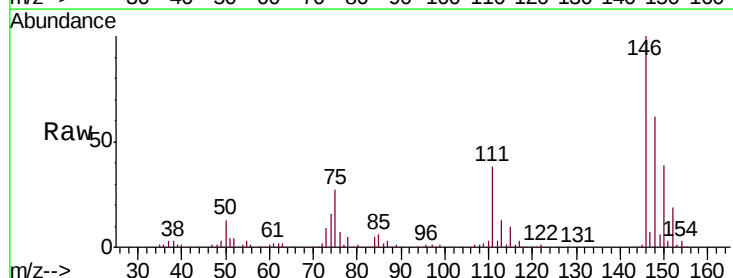
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 ClientSampleId :
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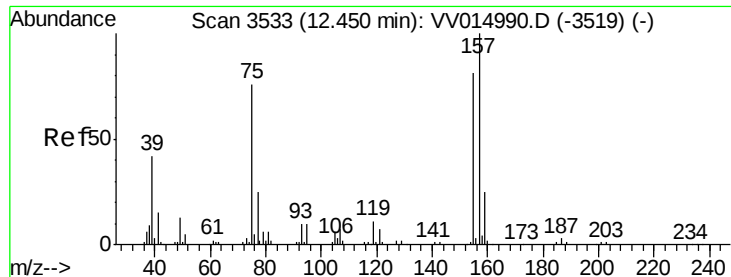
Tgt Ion:146 Resp: 224438
 Ion Ratio Lower Upper
 146 100
 111 35.8 26.0 48.2
 148 64.3 46.1 85.5



#65
 1,2-Dichlorobenzene
 Concen: 31.336 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

Tgt Ion:146 Resp: 158962
 Ion Ratio Lower Upper
 146 100
 111 38.5 31.6 47.4
 148 62.5 52.2 78.4

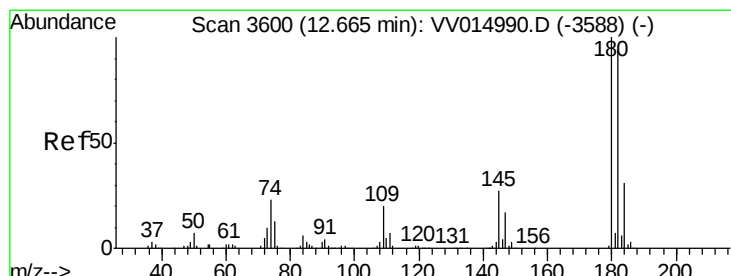
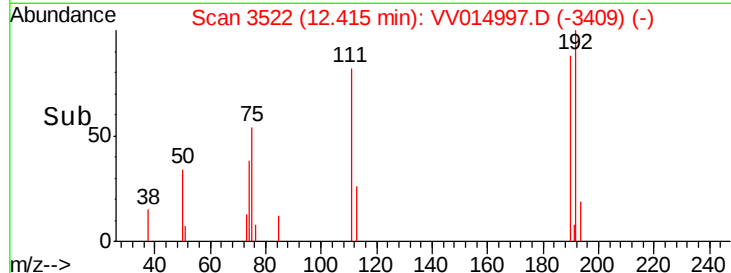
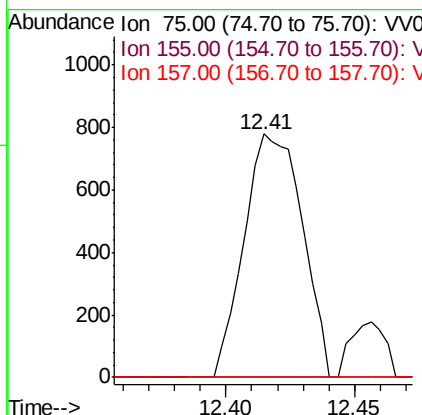
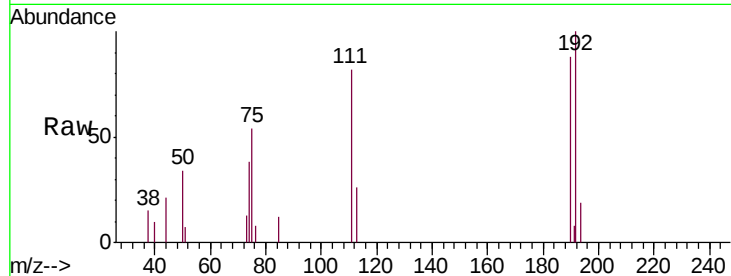




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.609 ug/L
 RT: 12.41 min Scan# 3522
 Delta R.T. -0.04 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

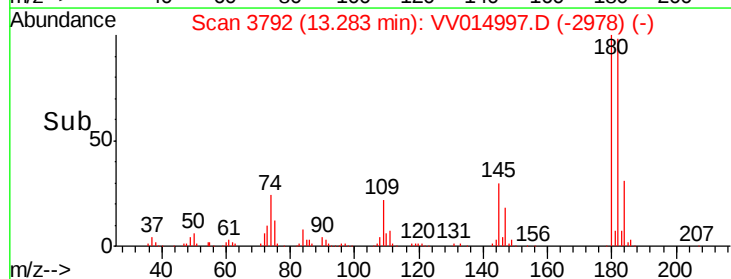
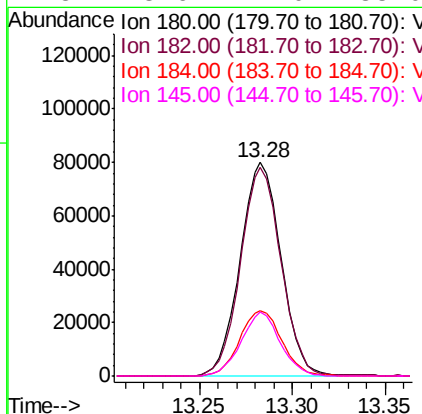
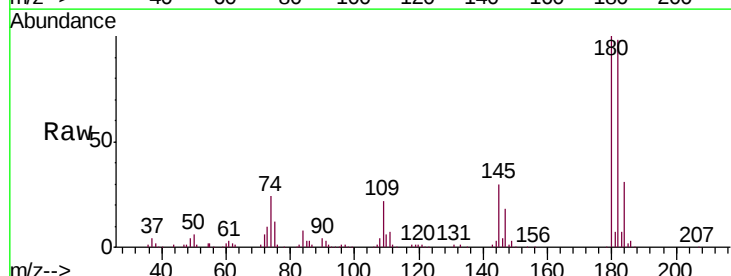
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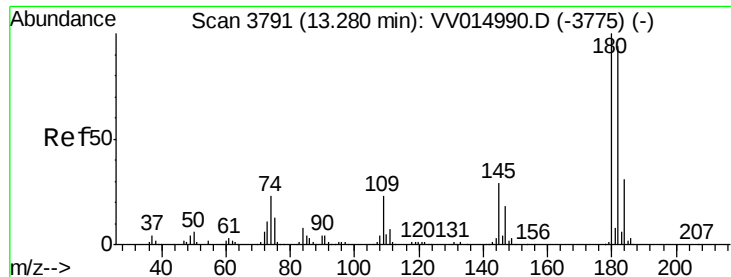
Tgt Ion: 75 Resp: 1227
 Ion Ratio Lower Upper
 75 100
 155 0.0 77.7 116.5#
 157 0.0 97.2 145.8#



#67
 1,3,5-Trichlorobenzene
 Concen: 30.903 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.62 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

Tgt Ion: 180 Resp: 123047
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.7 113.5
 184 31.3 24.2 36.4
 145 28.6 22.0 33.0

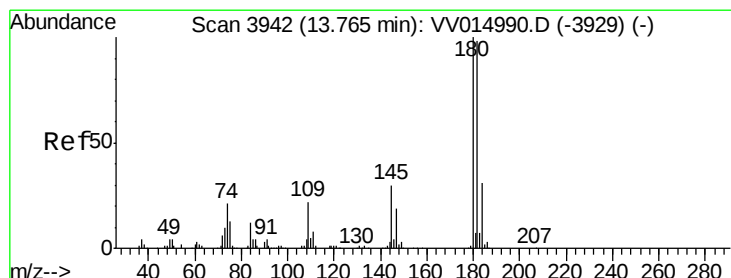
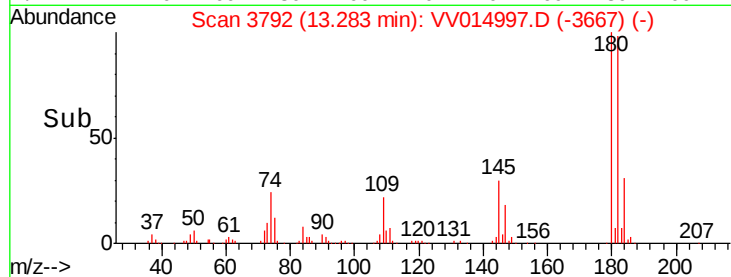
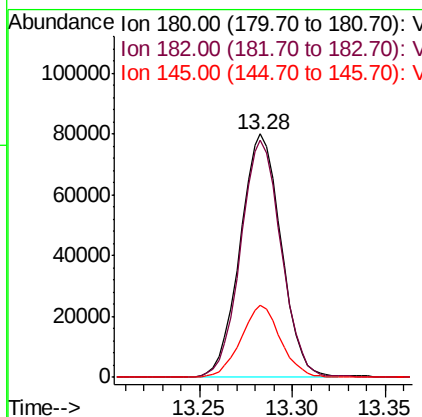
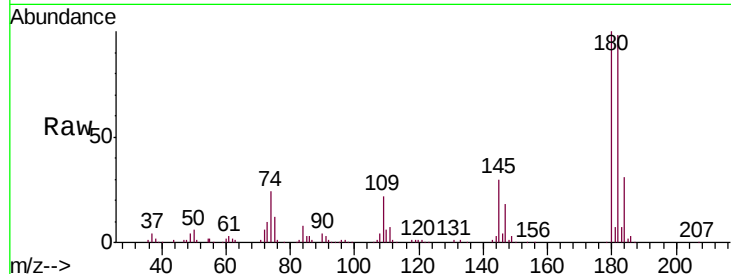




#68
 1,2,4-trichlorobenzene
 Concen: 34.672 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

Instrument :
 MSVOA_V
 ClientSampled :
 C0DA6

Tgt Ion:180 Resp: 123047
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.3 114.5
 145 28.6 23.1 34.7



#70
 1,2,3-Trichlorobenzene
 Concen: 8.681 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV014997.D
 Acq: 18 Mar 2020 01:10

Tgt Ion:180 Resp: 30496
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.2 114.4
 145 27.9 24.1 36.1

