

Data File : VV014993.D
Acq On : 17 Mar 2020 23:34
Operator : SY/MD
Sample : L1940-16DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DB7DL

Quant Time: Mar 18 07:45:20 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	327684	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163410	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74739	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.48%
7) Chloroethane-d5	1.58	69	63564	39.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.12	63	100562	30.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.04%
21) 2-Butanone-d5	3.93	46	109233	82.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.06%
24) Chloroform-d	4.38	84	199373	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
26) 1,2-Dichloroethane-d4	5.06	65	132595	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.08	84	399318	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.10	67	119768	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.20%
41) Toluene-d8	7.34	98	385132	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.64	79	57777	41.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.66%
47) 2-Hexanone-d5	8.12	63	116597	99.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180107	47.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	173733	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%

Target Compounds

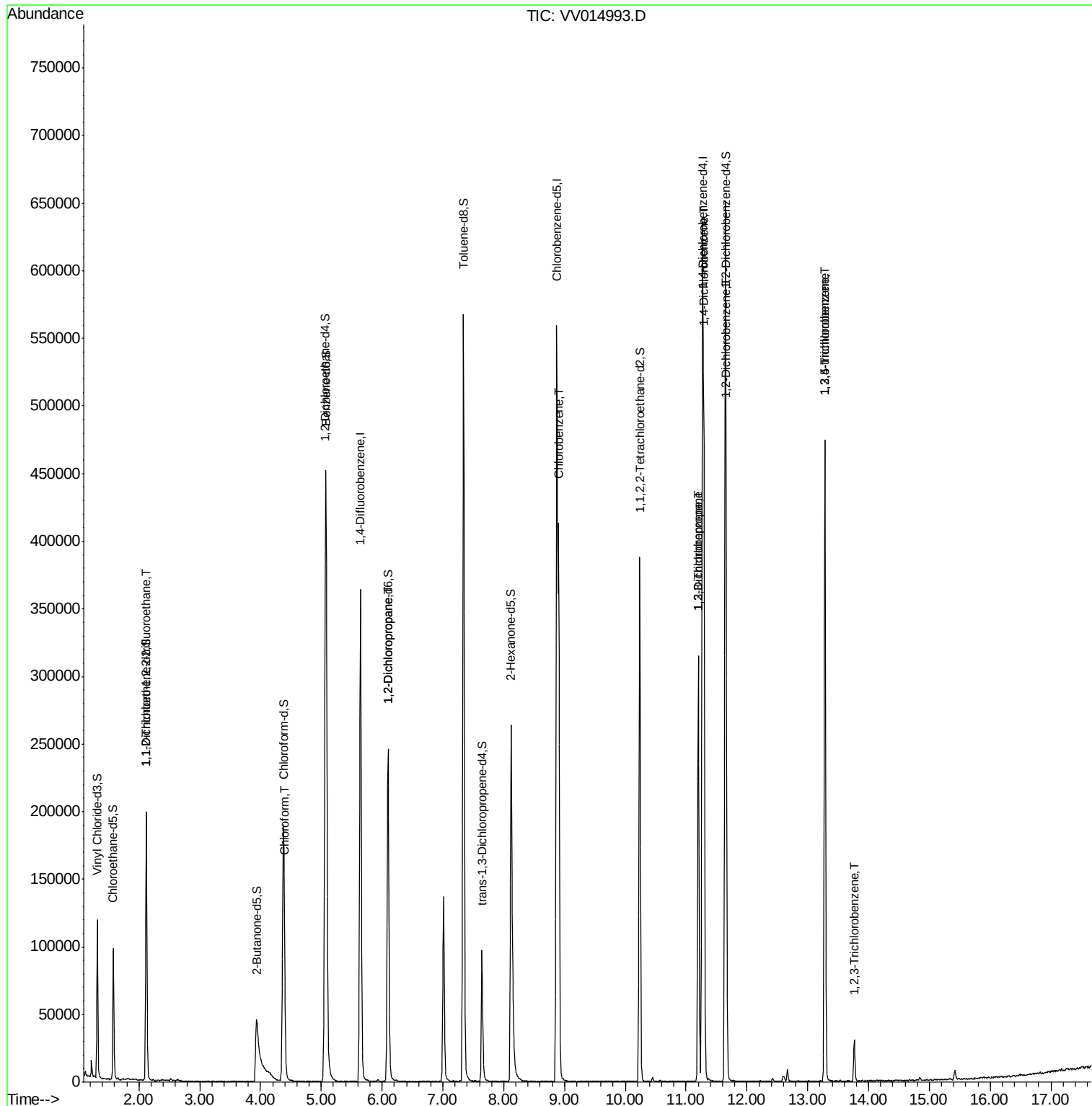
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1165	0.690	ug/L #	15
25) Chloroform	4.40	83	5169	1.205	ug/L	79
37) 1,2-Dichloropropane	6.10	63	13824	6.402	ug/L #	84
51) Chlorobenzene	8.90	112	222823	33.369	ug/L	98
59) 1,2,3-Trichloropropane	11.20	75	35838	12.103	ug/L #	42
62) 1,3-Dichlorobenzene	11.20	146	134201	24.921	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	200314	36.928	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	56551	10.513	ug/L	99
67) 1,3,5-Trichlorobenzene	13.28	180	157682	37.348	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	157682	41.902	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	10273	2.758	ug/L	96

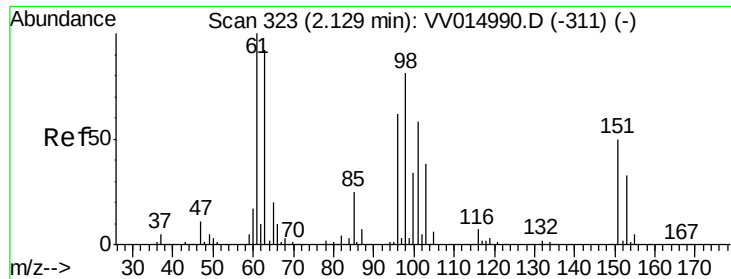
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.690 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014993.D

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C0DB7DL

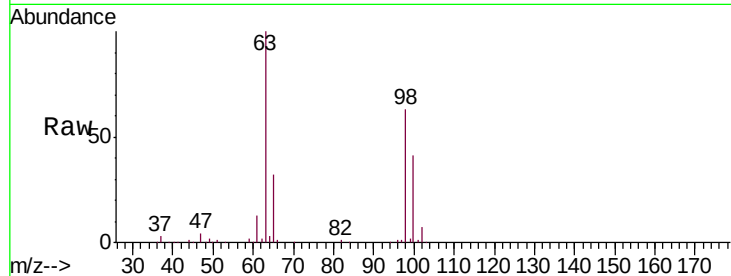
Tgt Ion: 101 Resp: 1165

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

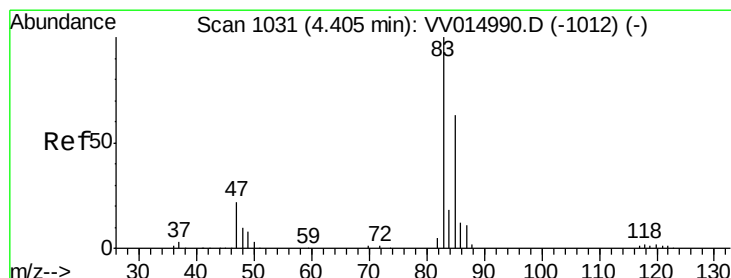
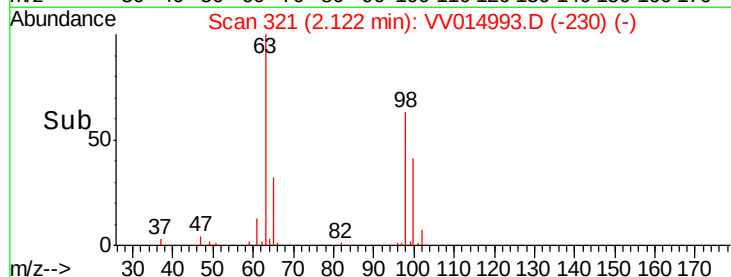
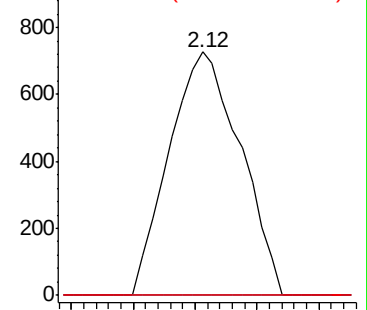
151 0.0 70.1 105.1#



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



#25

Chloroform

Concen: 1.205 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

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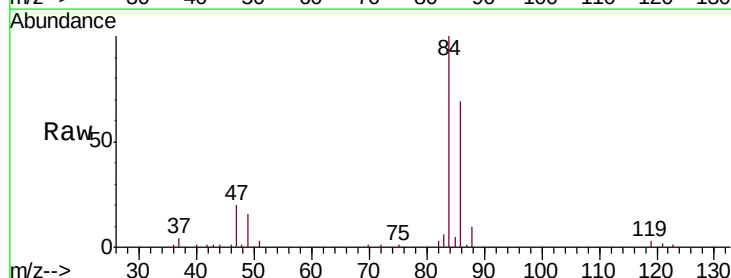
Acq: 17 Mar 2020 23:34

Tgt Ion: 83 Resp: 5169

Ion Ratio Lower Upper

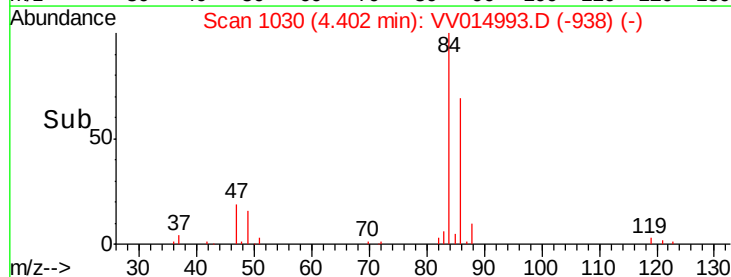
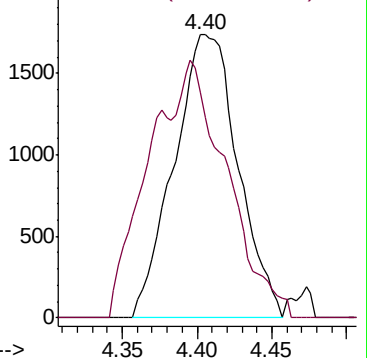
83 100

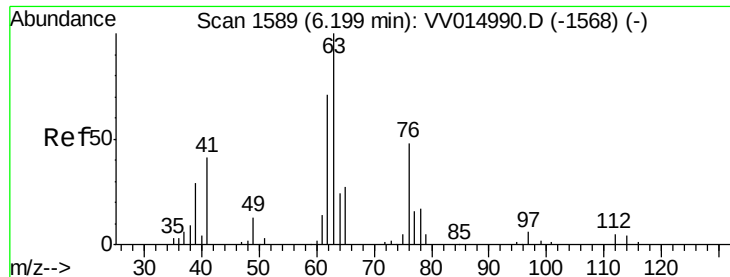
85 79.7 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

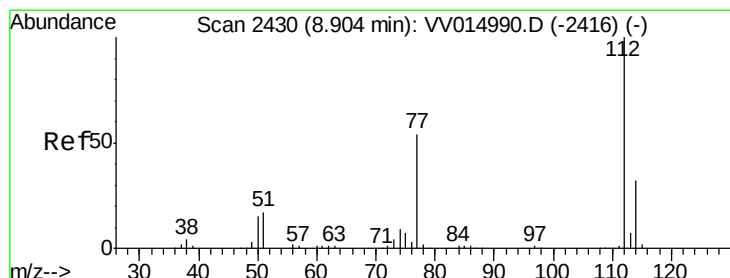
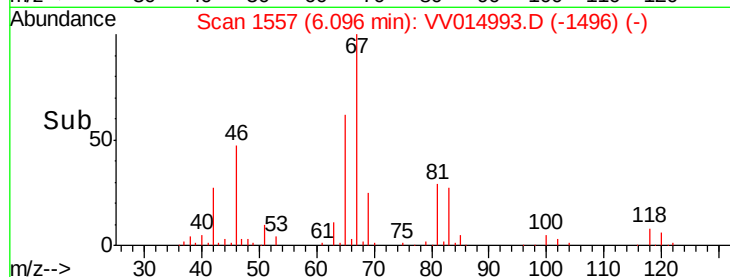
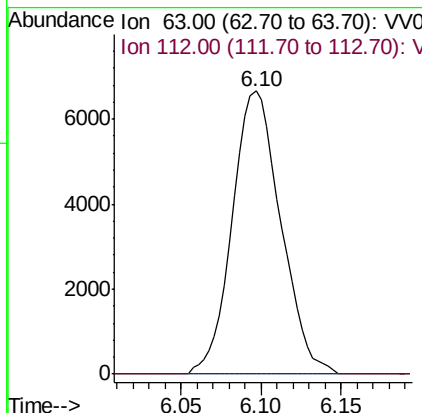
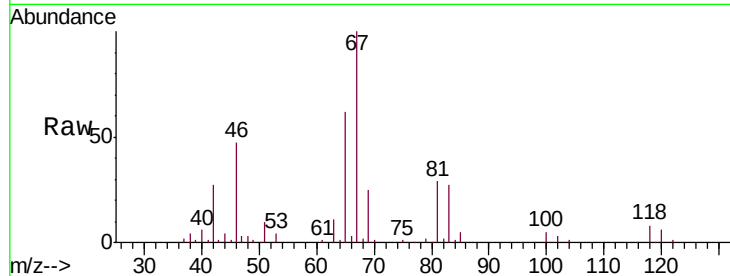




#37
 1,2-Dichloropropane
 Concen: 6.402 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

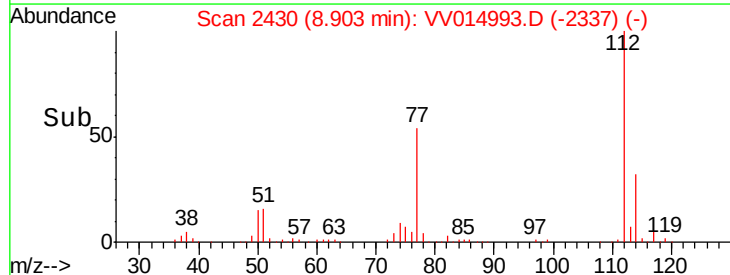
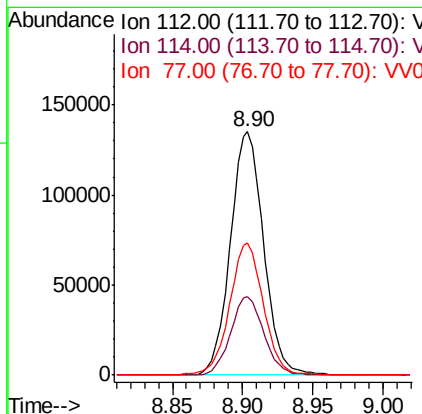
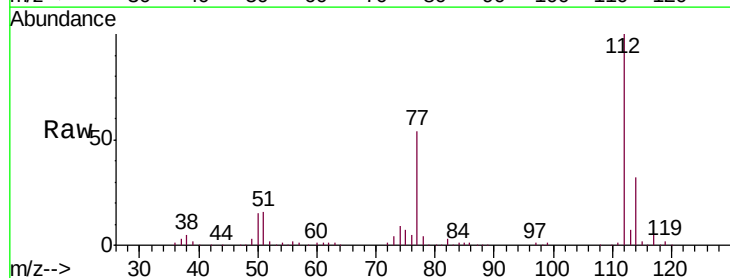
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB7DL

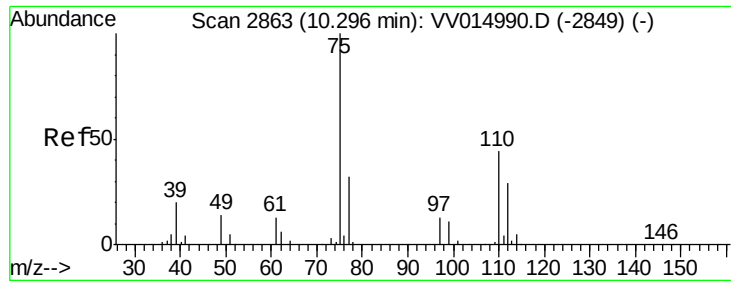
Tgt Ion: 63 Resp: 13824
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.4 6.6#



#51
 Chlorobenzene
 Concen: 33.369 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

Tgt Ion: 112 Resp: 222823
 Ion Ratio Lower Upper
 112 100
 114 32.2 22.8 42.4
 77 54.1 44.5 66.7

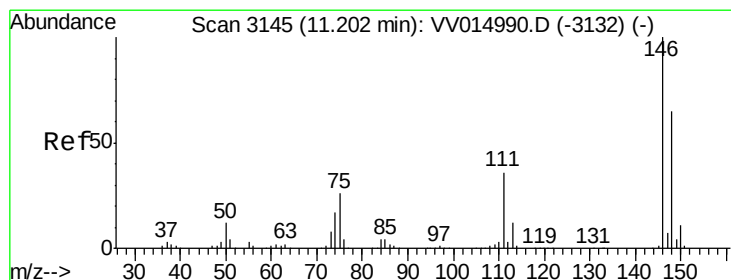
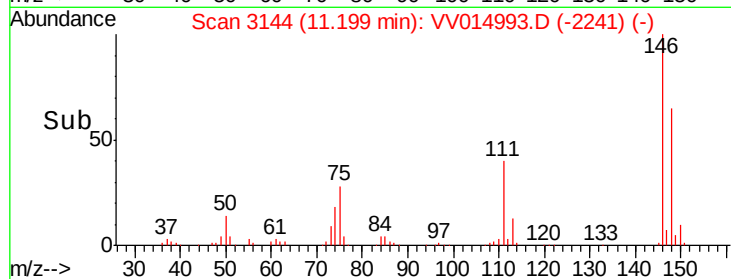
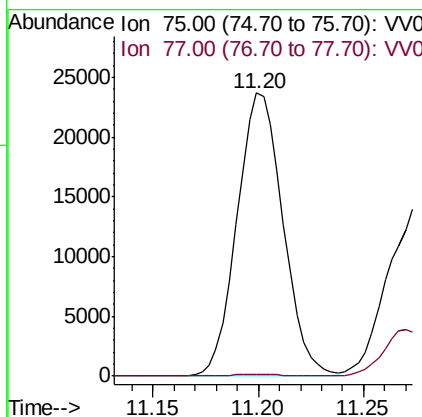
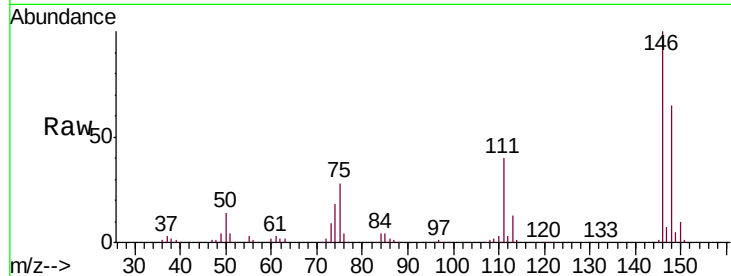




#59
 1,2,3-Trichloropropane
 Concen: 12.103 ug/L
 RT: 11.20 min Scan# 3144
 Delta R.T. 0.90 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

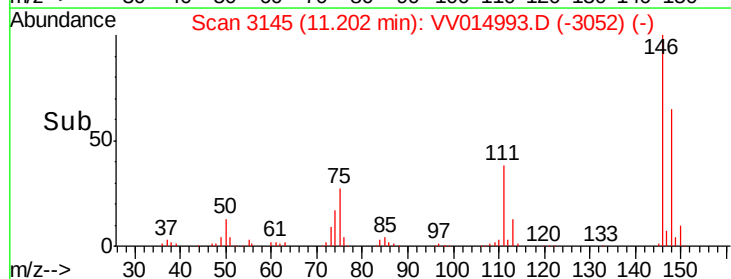
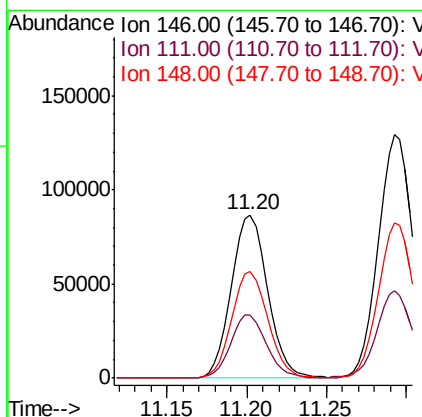
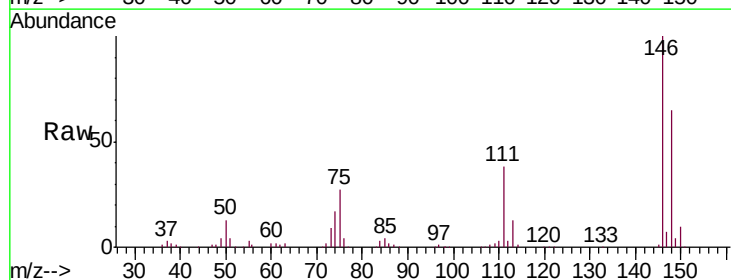
Instrument :
 MSVOA_V
 ClientSampled :
 C0DB7DL

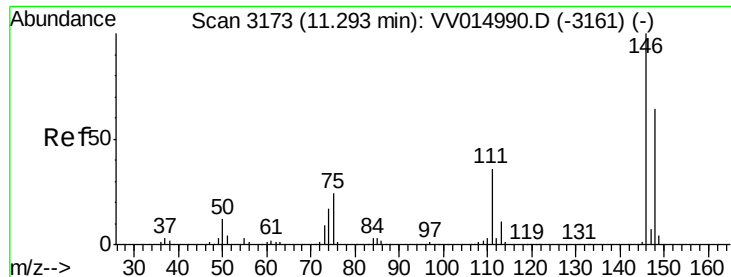
Tgt Ion: 75 Resp: 35838
 Ion Ratio Lower Upper
 75 100
 77 0.2 26.6 40.0#



#62
 1,3-Dichlorobenzene
 Concen: 24.921 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

Tgt Ion: 146 Resp: 134201
 Ion Ratio Lower Upper
 146 100
 111 38.5 26.5 49.3
 148 65.0 45.4 84.2

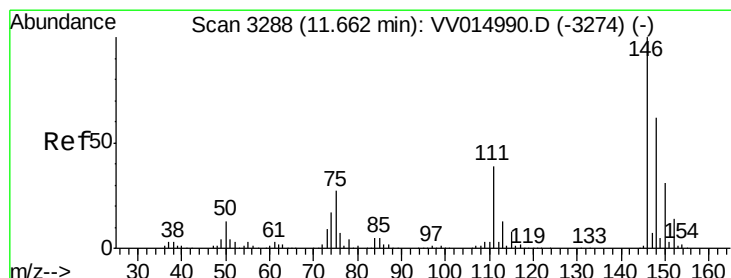
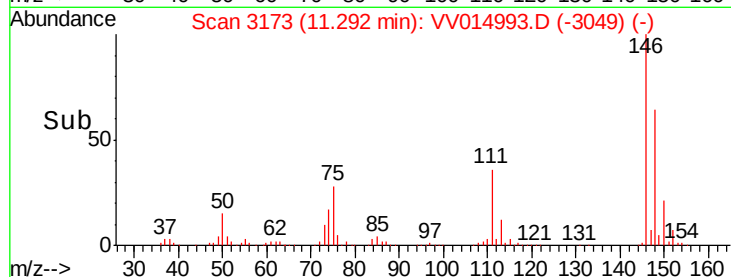
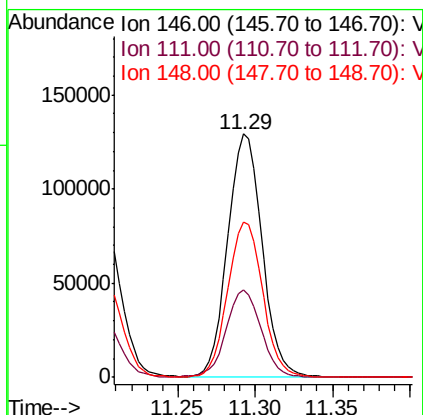
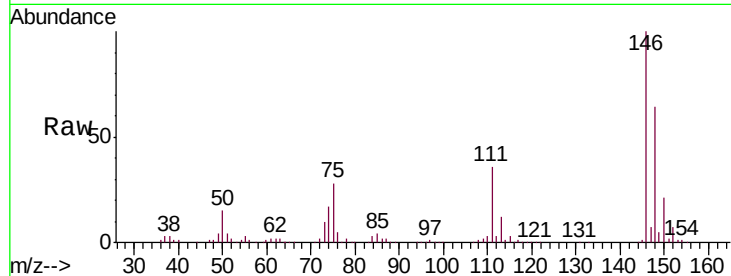




#63
 1,4-Dichlorobenzene
 Concen: 36.928 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

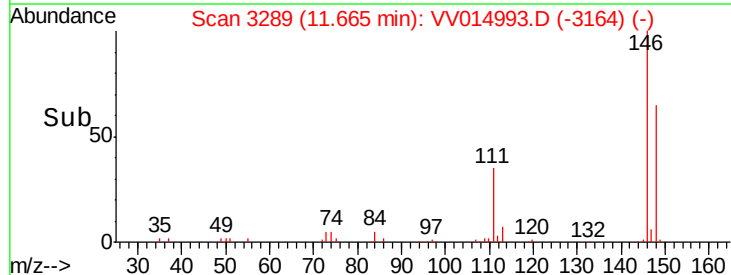
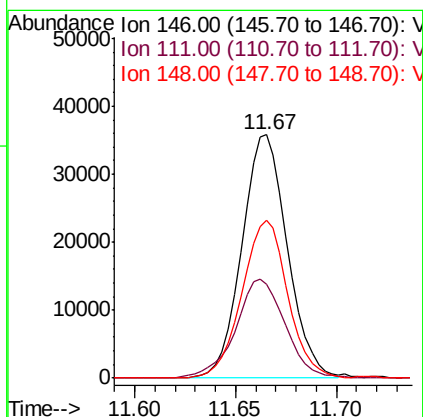
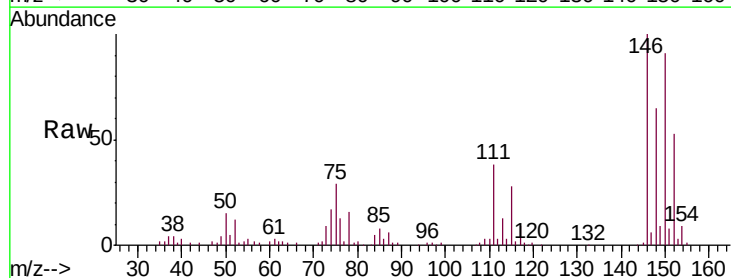
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB7DL

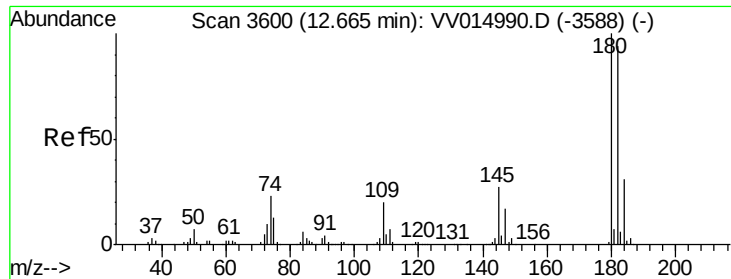
Tgt Ion:146 Resp: 200314
 Ion Ratio Lower Upper
 146 100
 111 35.7 26.0 48.2
 148 63.6 46.1 85.5



#65
 1,2-Dichlorobenzene
 Concen: 10.513 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

Tgt Ion:146 Resp: 56551
 Ion Ratio Lower Upper
 146 100
 111 38.4 31.6 47.4
 148 64.9 52.2 78.4

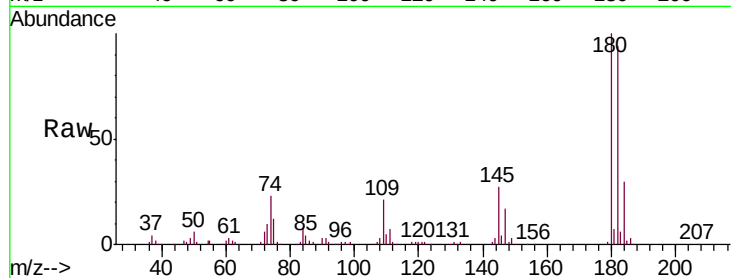




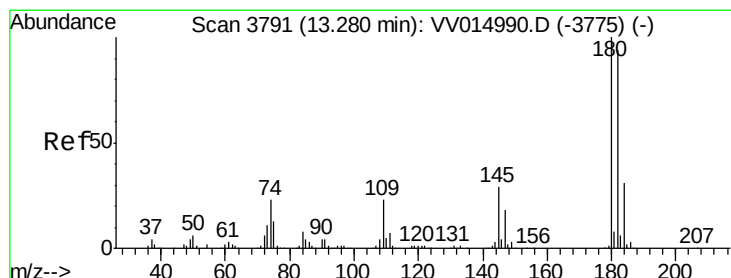
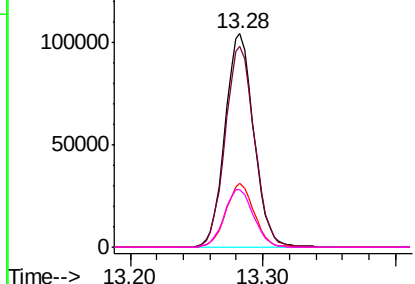
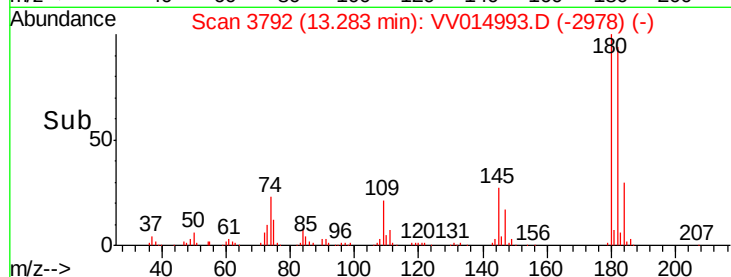
#67
 1,3,5-Trichlorobenzene
 Concen: 37.348 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.62 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB7DL

Tgt Ion:180 Resp: 157682
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.7 113.5
 184 29.5 24.2 36.4
 145 27.6 22.0 33.0

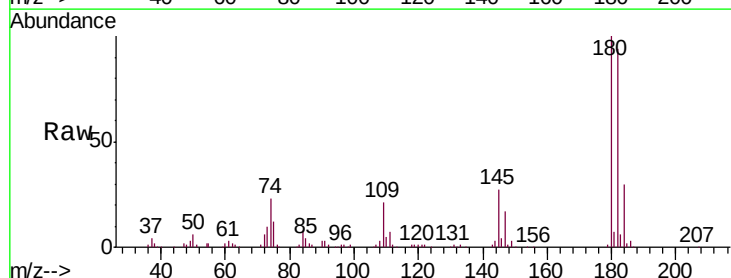


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

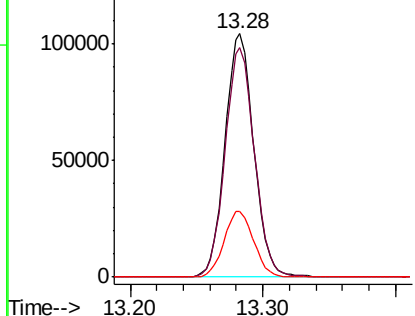
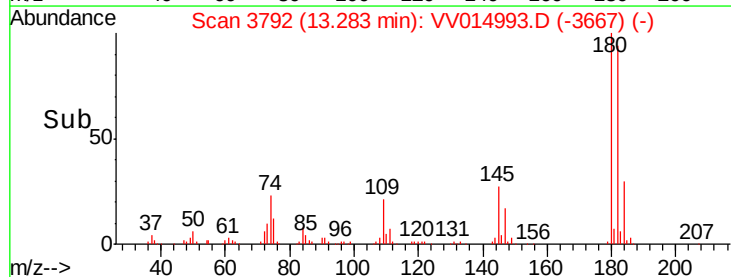


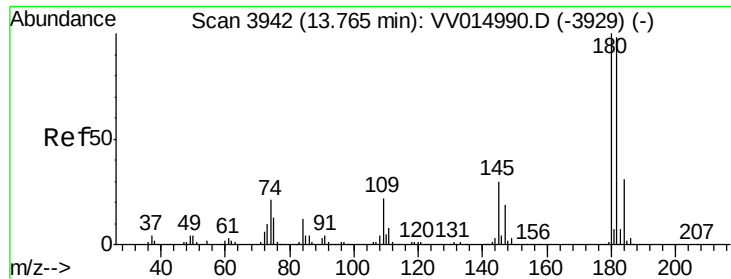
#68
 1,2,4-trichlorobenzene
 Concen: 41.902 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

Tgt Ion:180 Resp: 157682
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.3 114.5
 145 27.6 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





#70
 1,2,3-Trichlorobenzene
 Concen: 2.758 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV014993.D
 Acq: 17 Mar 2020 23:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB7DL

Tgt Ion:	180	Resp:	10273
Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.2	114.4
145	34.2	24.1	36.1

