

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015347.D
 Acq On : 01 Apr 2020 22:16
 Operator : SY/MD
 Sample : L2003-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 03:31:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 03:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	732480	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	695041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	328997	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	173334	26.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.78%#
7) Chloroethane-d5	1.58	69	171755	30.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.22%#
11) 1,1-Dichloroethene-d2	2.12	63	281683	23.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.98%#
21) 2-Butanone-d5	3.94	46	310511	88.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.95%
24) Chloroform-d	4.38	84	389827	35.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.90%
26) 1,2-Dichloroethane-d4	5.06	65	252305	37.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.72%
32) Benzene-d6	5.08	84	777155	36.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.62%
36) 1,2-Dichloropropane-d6	6.10	67	243551	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.18%
41) Toluene-d8	7.34	98	743716	36.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.68%#
43) trans-1,3-Dichloropropene-	7.64	79	110622	31.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%
47) 2-Hexanone-d5	8.12	63	235844	81.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	363189	40.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	301600	40.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.60%

Target Compounds

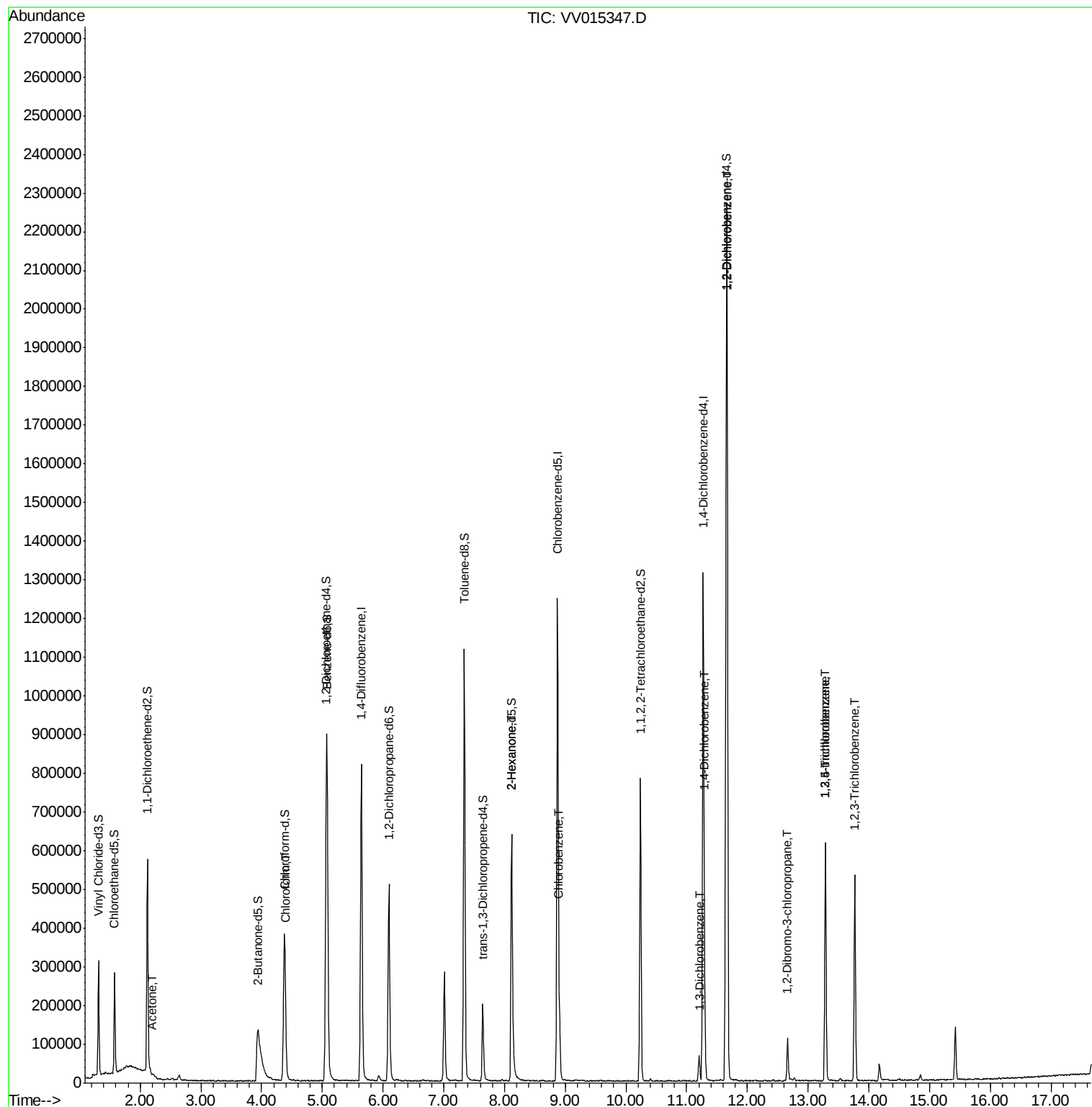
					Ovalue
13) Acetone	2.21	43	6335	2.765 ug/L	86
25) Chloroform	4.40	83	6965	0.705 ug/L	92
48) 2-Hexanone	8.12	43	29491	5.487 ug/L #	83
51) Chlorobenzene	8.90	112	87464	5.837 ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	22868	2.065 ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	91167	8.116 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	762168	67.467 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	2805	1.257 ug/L #	4
67) 1,3,5-Trichlorobenzene	13.29	180	175566	23.918 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	175566	26.185 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	148441	21.493 ug/L	100

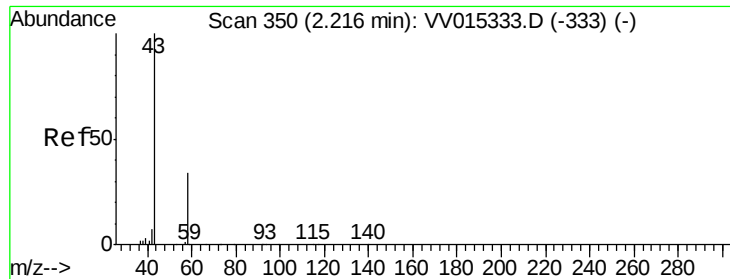
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 02 03:22:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.765 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV015347.D

Acq: 01 Apr 2020 22:16

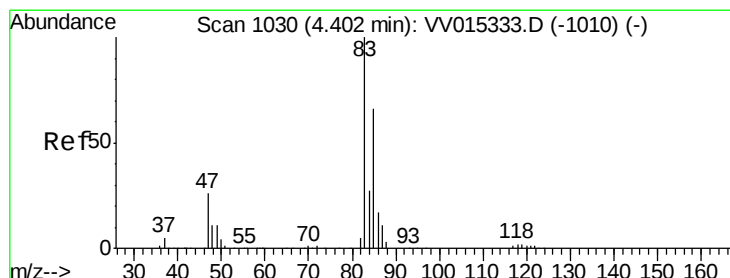
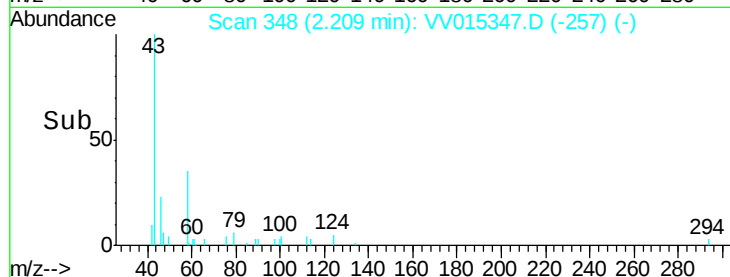
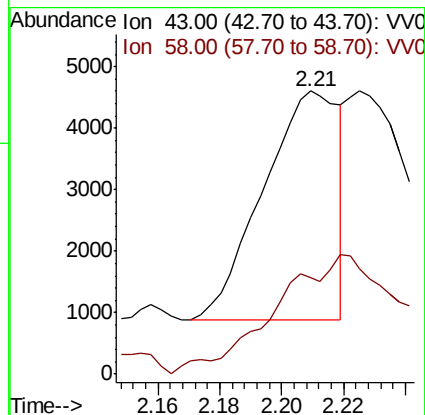
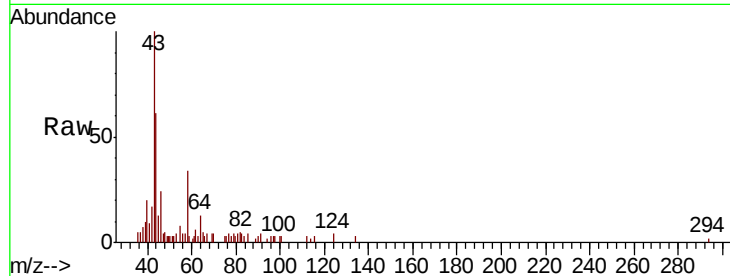
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6335

Ion Ratio Lower Upper

43 100

58 26.1 0.0 68.2



#25

Chloroform

Concen: 0.705 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV015347.D

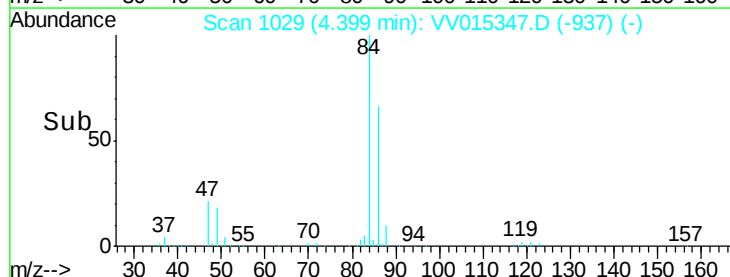
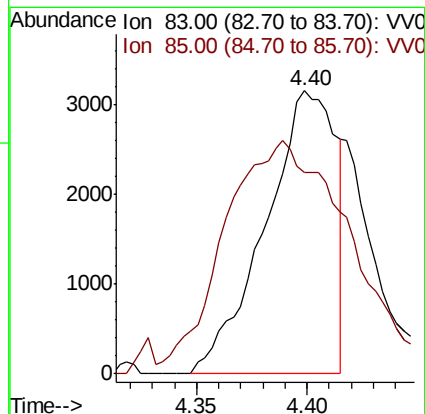
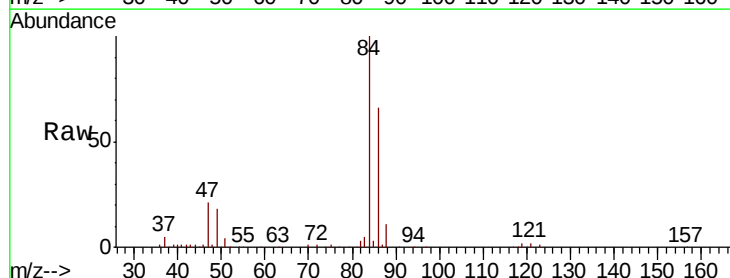
Acq: 01 Apr 2020 22:16

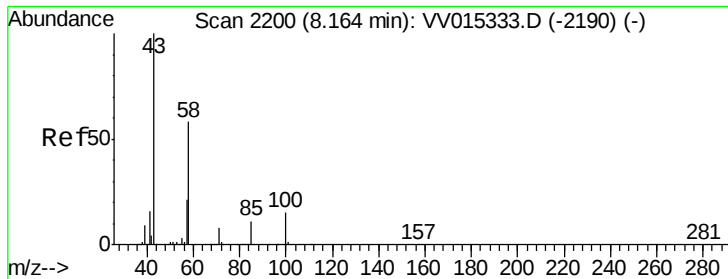
Tgt Ion: 83 Resp: 6965

Ion Ratio Lower Upper

83 100

85 71.0 45.1 83.9

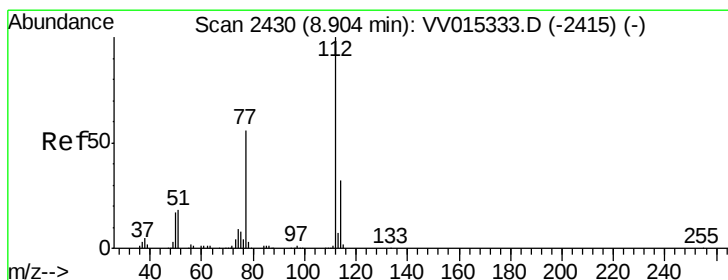
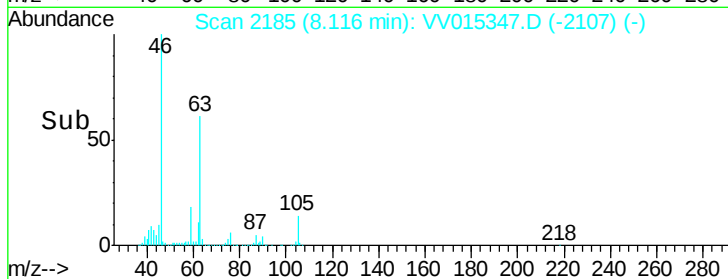
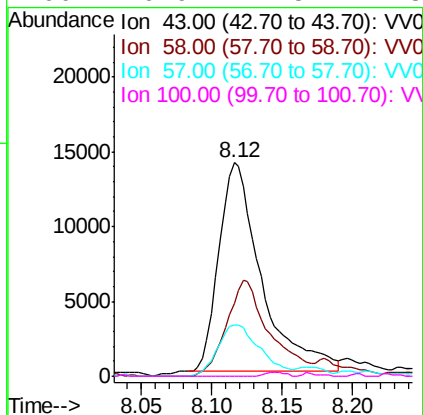
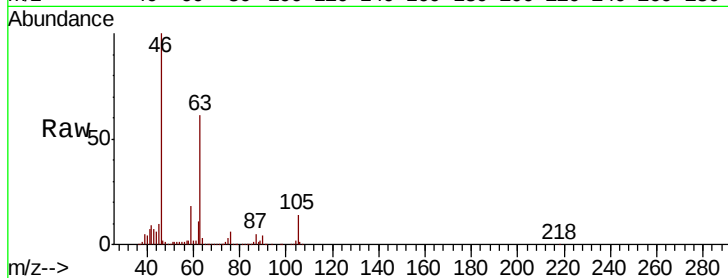




#48
2-Hexanone
Concen: 5.487 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015347.D
Acq: 01 Apr 2020 22:16

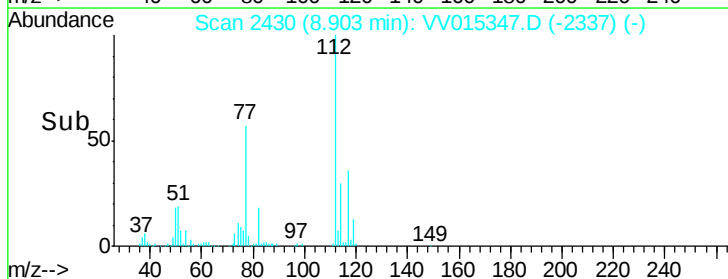
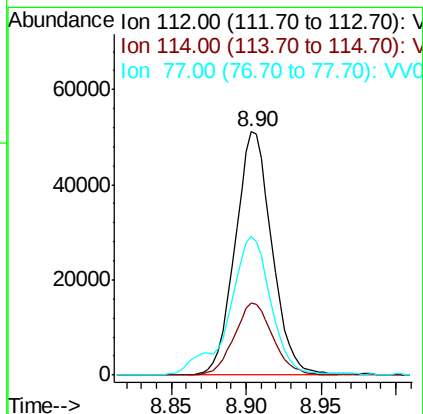
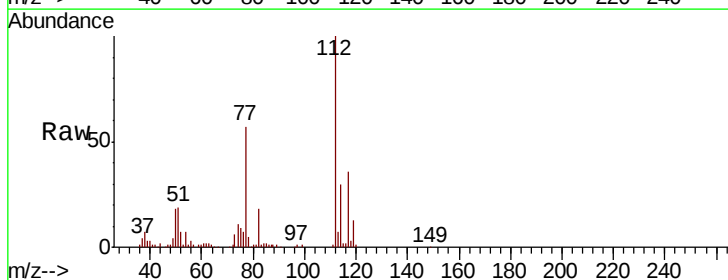
Instrument :
MSVOA_V
ClientSampled :

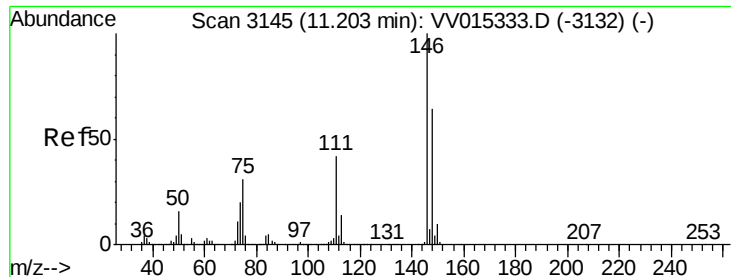
Tot Ion: 43 Resp: 29491
Ion Ratio Lower Upper
43 100
58 46.6 47.4 71.2#
57 24.4 16.7 25.1
100 0.9 11.5 17.3#



#51
Chlorobenzene
Concen: 5.837 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015347.D
Acq: 01 Apr 2020 22:16

Tgt Ion: 112 Resp: 87464
Ion Ratio Lower Upper
112 100
114 29.9 21.8 40.4
77 56.8 46.2 69.2

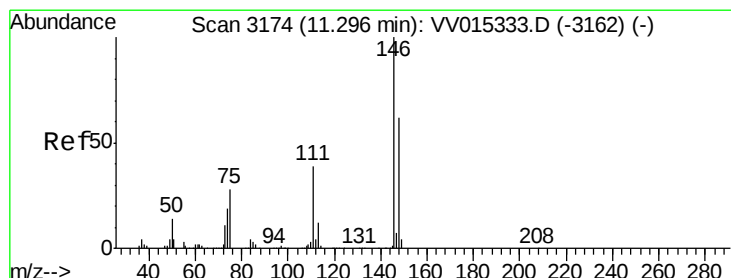
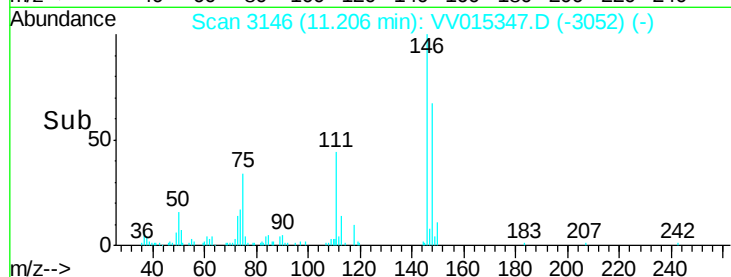
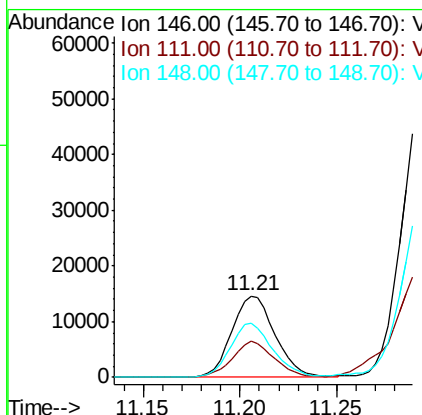
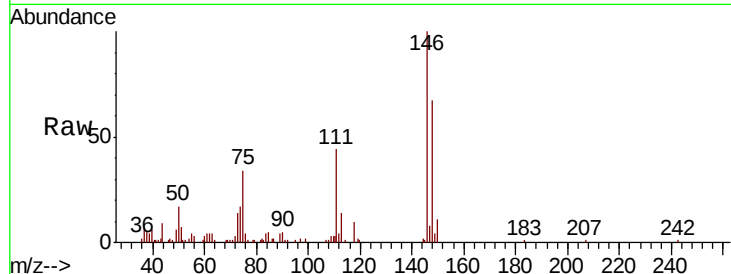




#62
 1,3-Dichlorobenzene
 Concen: 2.065 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV015347.D
 Acq: 01 Apr 2020 22:16

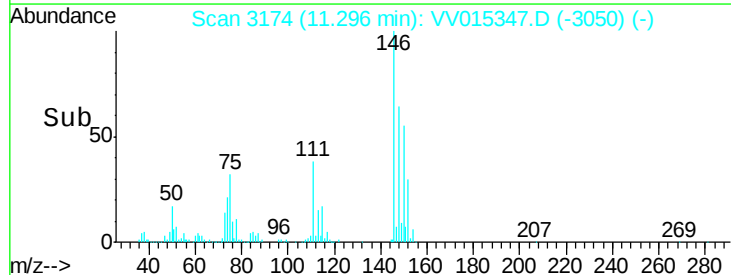
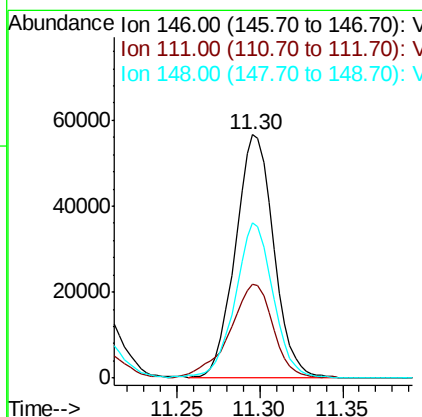
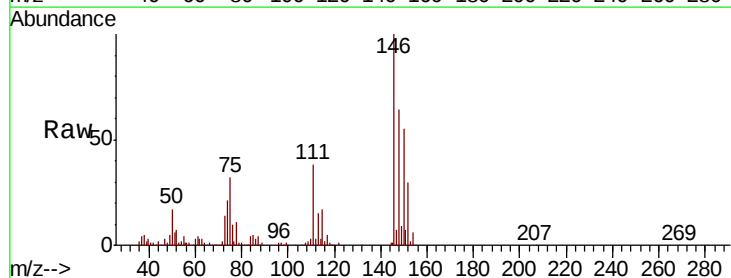
Instrument :
 MSVOA_V
 ClientSampleId :

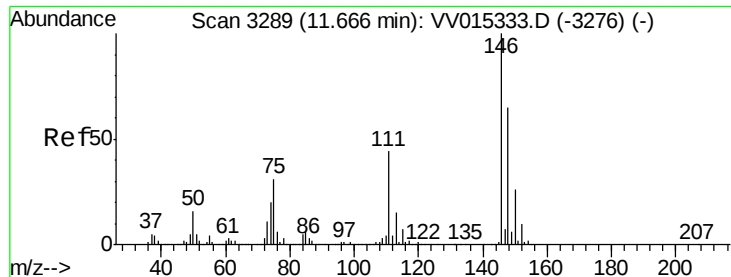
Tot Ion:146 Resp: 22868
 Ion Ratio Lower Upper
 146 100
 111 43.9 30.2 56.2
 148 66.7 44.7 83.1



#63
 1,4-Dichlorobenzene
 Concen: 8.116 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015347.D
 Acq: 01 Apr 2020 22:16

Tgt Ion:146 Resp: 91167
 Ion Ratio Lower Upper
 146 100
 111 38.4 29.3 54.5
 148 63.8 44.7 82.9

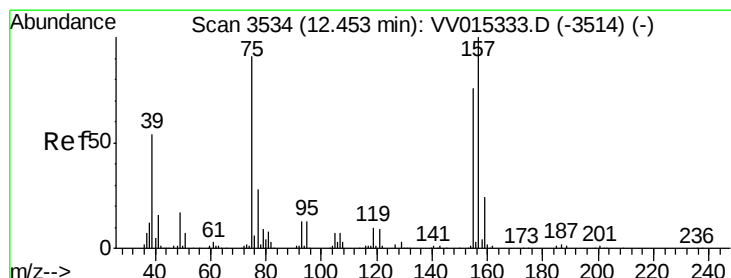
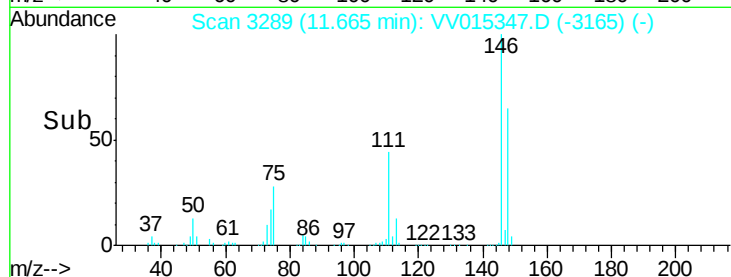
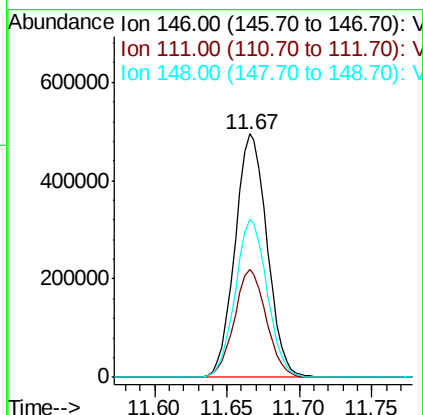
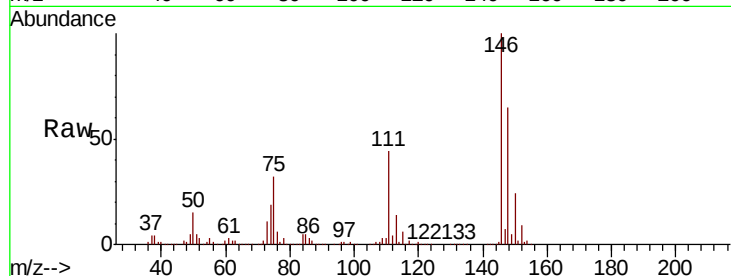




#65
 1,2-Dichlorobenzene
 Concen: 67.467 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015347.D
 Acq: 01 Apr 2020 22:16

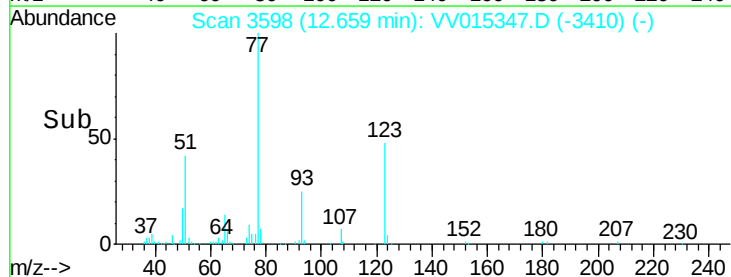
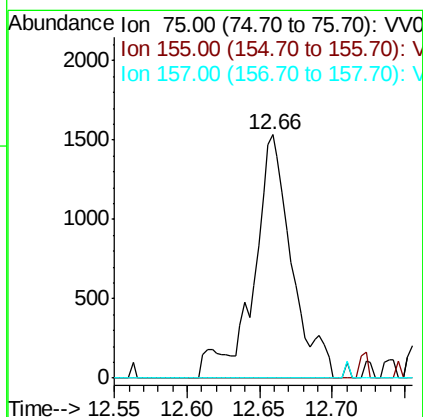
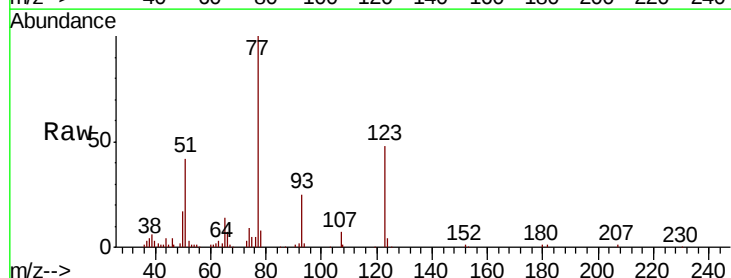
Instrument :
 MSVOA_V
 ClientSampleId :

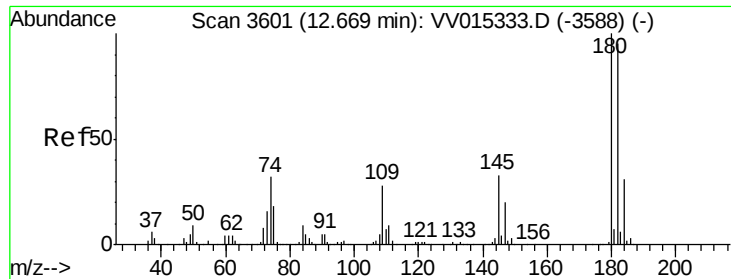
Tot Ion:146 Resp: 762168
 Ion Ratio Lower Upper
 146 100
 111 44.4 35.1 52.7
 148 64.7 51.0 76.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.257 ug/L
 RT: 12.66 min Scan# 3598
 Delta R.T. 0.21 min
 Lab File: VV015347.D
 Acq: 01 Apr 2020 22:16

Tgt Ion: 75 Resp: 2805
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.5 96.7#
 157 0.0 79.8 119.6#

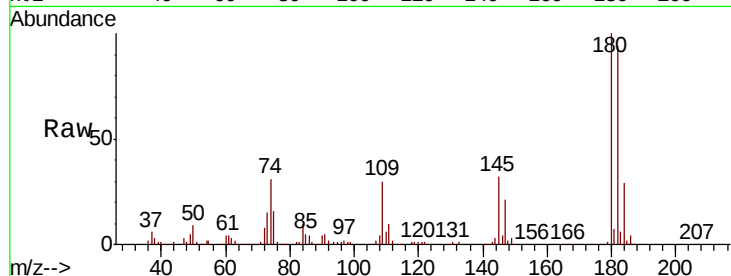




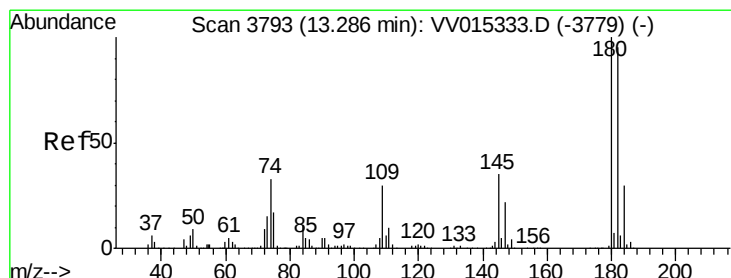
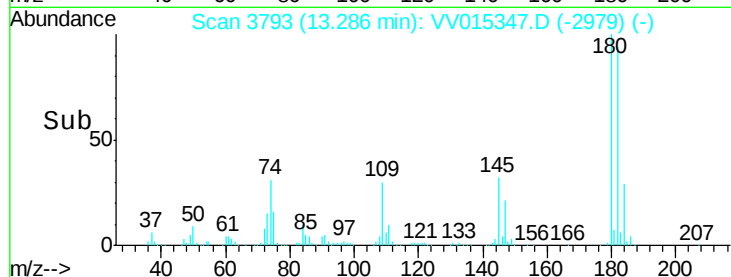
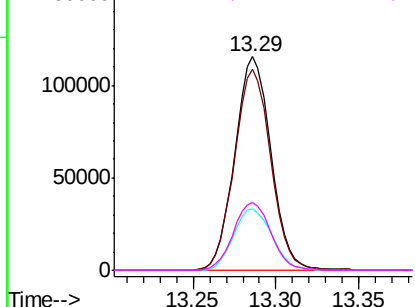
#67
 1,3,5-Trichlorobenzene
 Concen: 23.918 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015347.D
 Acq: 01 Apr 2020 22:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.7	112.1
184	30.5	23.7	35.5
145	33.1	26.8	40.2

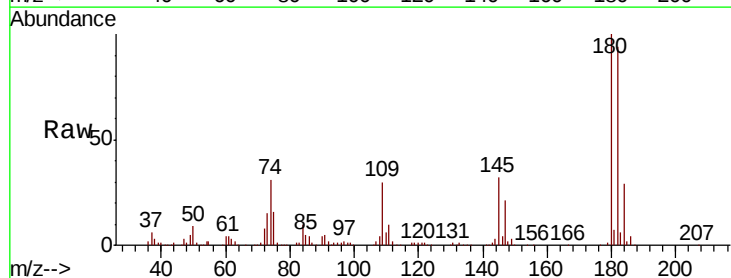


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

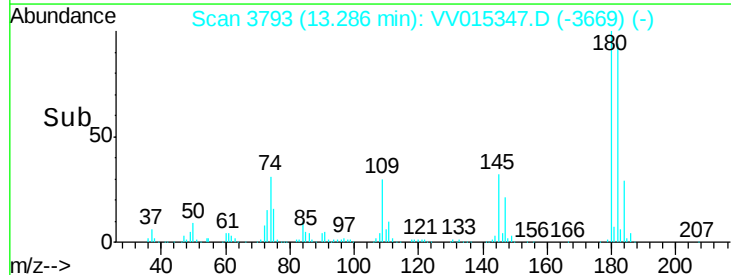
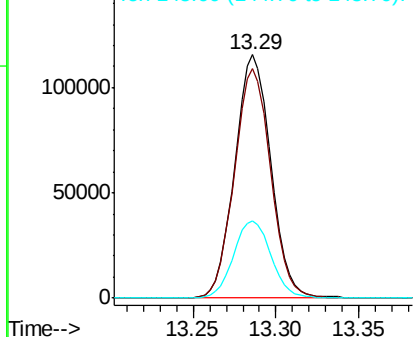


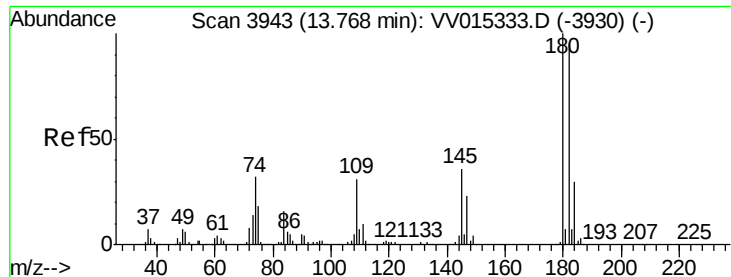
#68
 1,2,4-trichlorobenzene
 Concen: 26.185 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015347.D
 Acq: 01 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.8
145	33.1	27.7	41.5



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: 21.493 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV015347.D

Acq: 01 Apr 2020 22:16

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:180 Resp: 148441

Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 35.7 28.2 42.4

