

Data File : VV014124.D
Acq On : 18 Dec 2019 16:11
Operator : SY/MD
Sample : K6356-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Dec 19 07:10:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 07:06:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	755338	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	722420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	328302	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206301	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.44%
7) Chloroethane-d5	1.58	69	203693	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.34%
11) 1,1-Dichloroethene-d2	2.13	63	300436	31.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.20%
21) 2-Butanone-d5	3.92	46	300905	97.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	4.40	84	433263	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
26) 1,2-Dichloroethane-d4	5.08	65	279038	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.09	84	860483	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
36) 1,2-Dichloropropane-d6	6.11	67	274817	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.82%
41) Toluene-d8	7.35	98	714416	41.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.72%
43) trans-1,3-Dichloropropene-	7.66	79	116215	42.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.00%
47) 2-Hexanone-d5	8.13	63	196330	93.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.57%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	344639	42.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.72%
64) 1,2-Dichlorobenzene-d4	11.67	152	299537	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%

Target Compounds

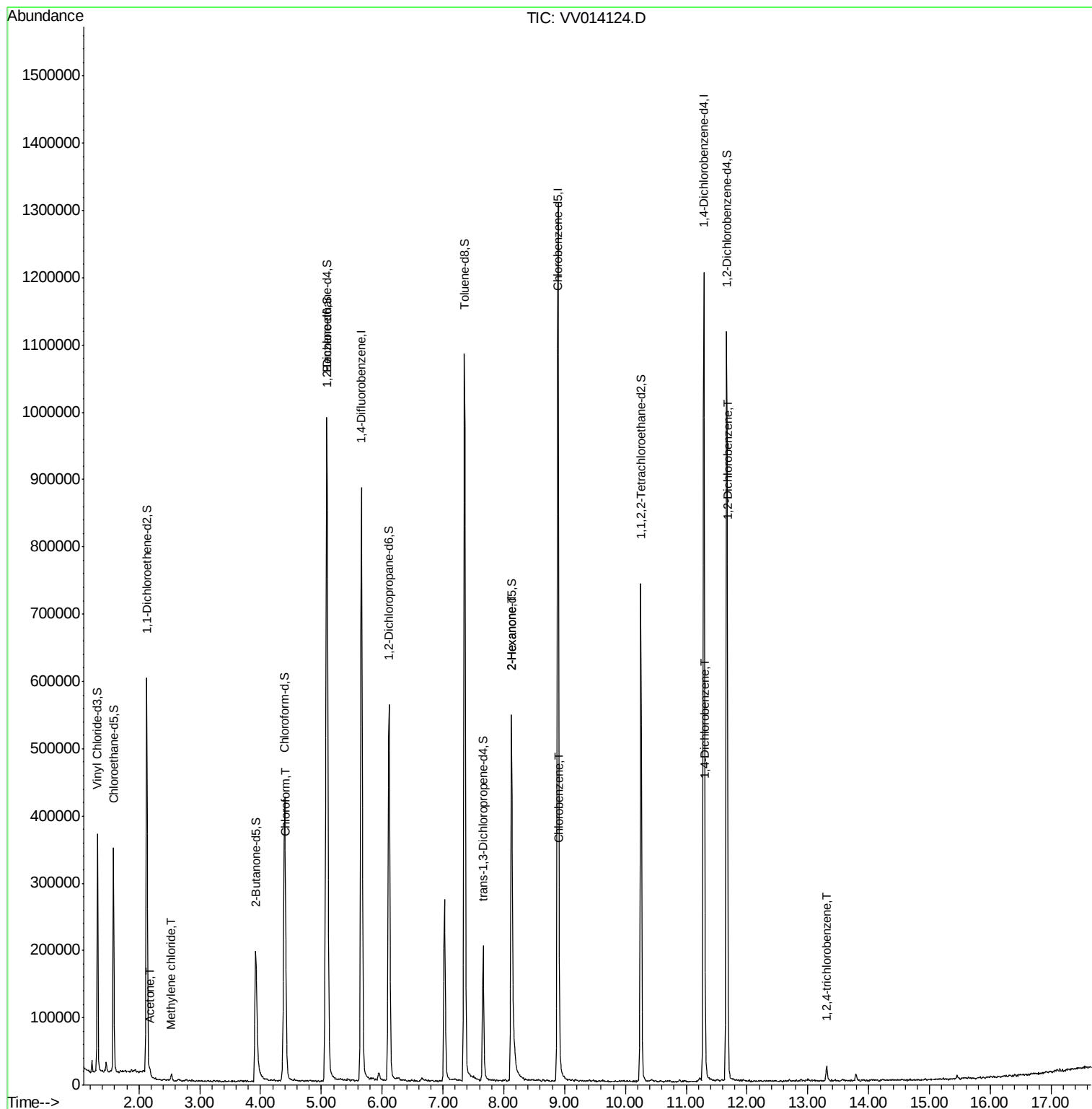
					Qvalue
13) Acetone	2.18	43	6087	1.351 ug/L	91
16) Methylene chloride	2.53	84	4228	0.740 ug/L	93
25) Chloroform	4.42	83	9017	0.872 ug/L	93
48) 2-Hexanone	8.13	43	23885	4.410 ug/L #	70
51) Chlorobenzene	8.92	112	11017	0.719 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	13658	1.226 ug/L	95
65) 1,2-Dichlorobenzene	11.68	146	15169	1.408 ug/L #	91
68) 1,2,4-trichlorobenzene	13.31	180	6815	0.863 ug/L	96

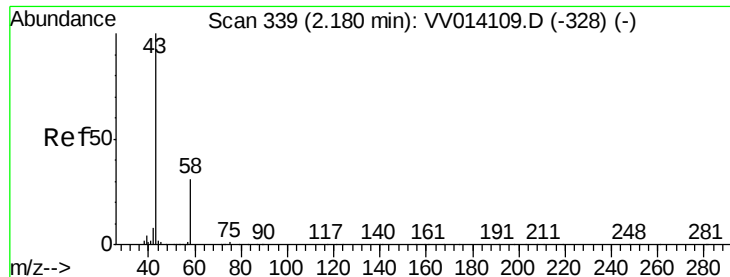
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 19 07:06:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.351 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014124.D

Acq: 18 Dec 2019 16:11

Instrument :

MSVOA_V

ClientSampleId :

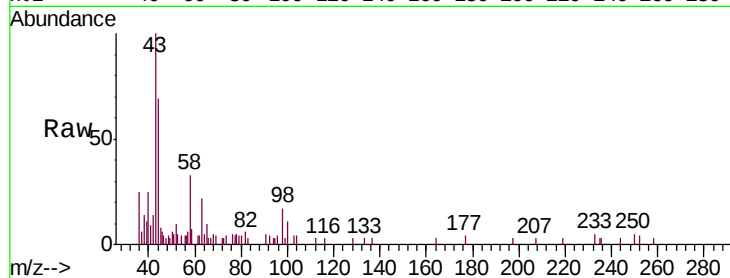
VHBLK01

Tgt Ion: 43 Resp: 6087

Ion Ratio Lower Upper

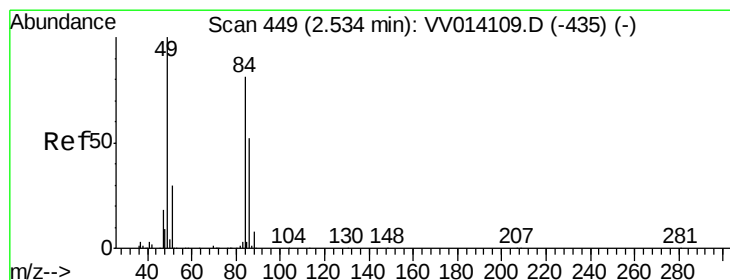
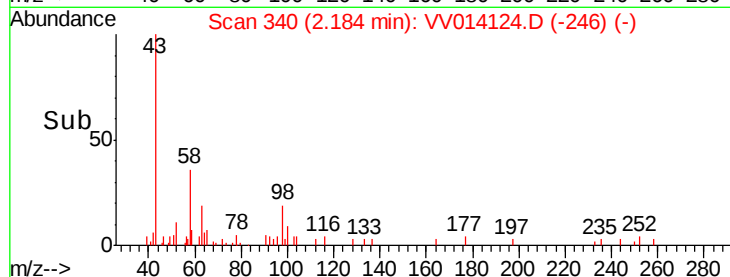
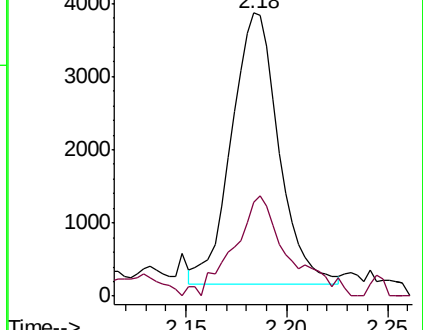
43 100

58 35.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV014109.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV014109.D (-328) (-)



#16

Methylene chloride

Concen: 0.740 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV014124.D

Acq: 18 Dec 2019 16:11

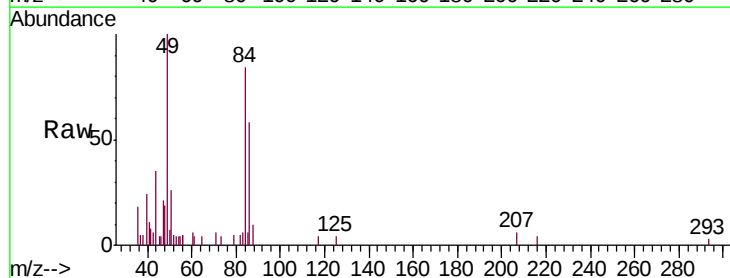
Tgt Ion: 84 Resp: 4228

Ion Ratio Lower Upper

84 100

86 69.5 43.9 81.5

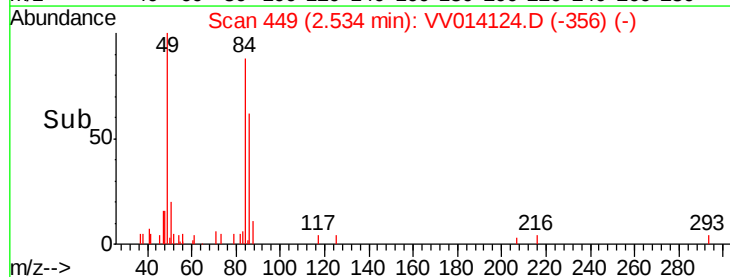
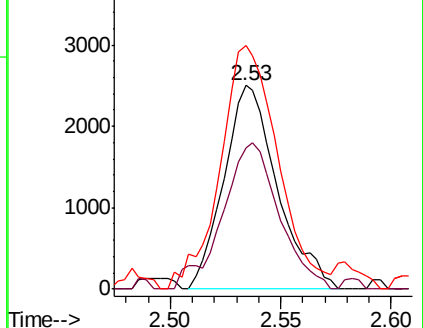
49 119.5 79.7 147.9

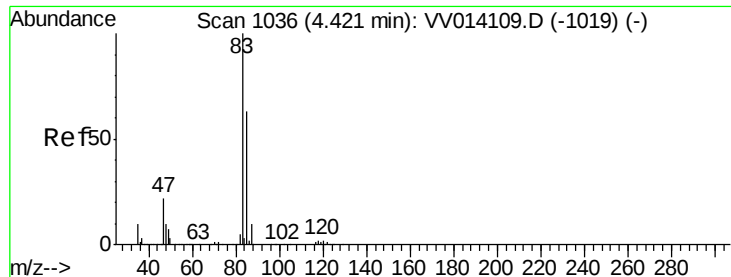


Abundance Ion 84.00 (83.70 to 84.70): VV014109.D (-435) (-)

Ion 86.00 (85.70 to 86.70): VV014109.D (-435) (-)

Ion 49.00 (48.70 to 49.70): VV014109.D (-435) (-)

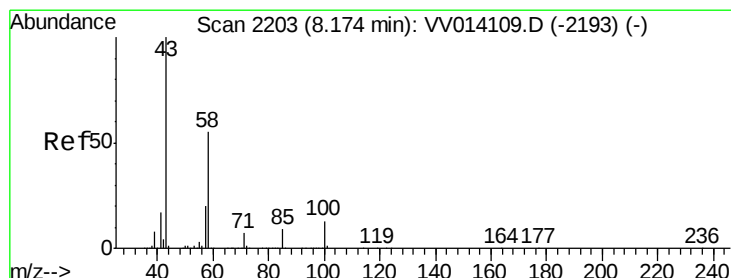
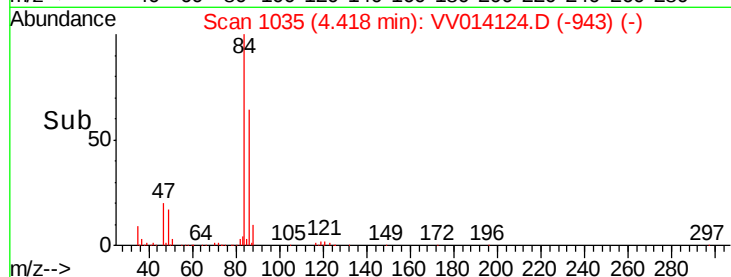
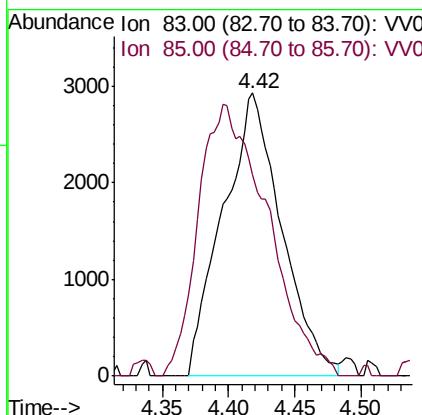
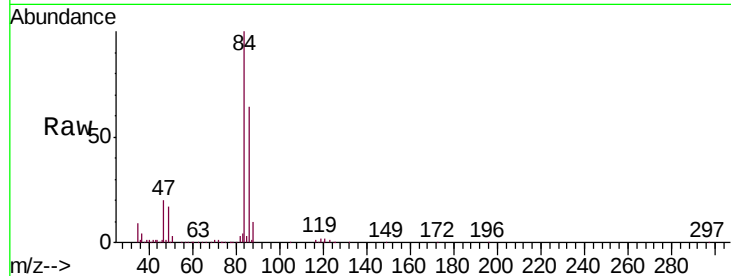




#25
Chloroform
Concen: 0.872 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV014124.D
Acq: 18 Dec 2019 16:11

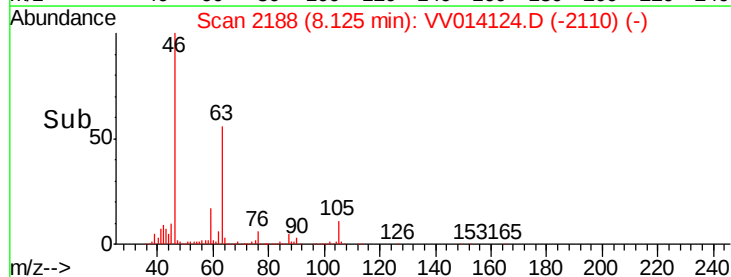
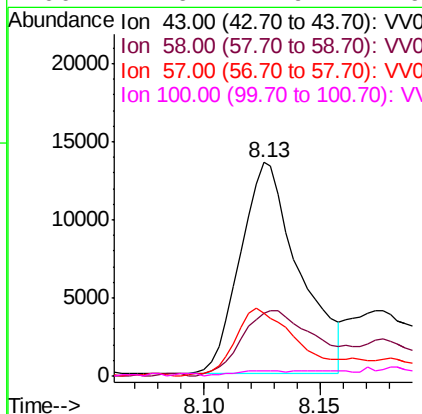
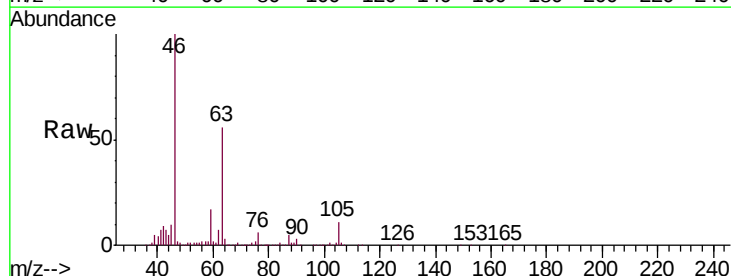
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

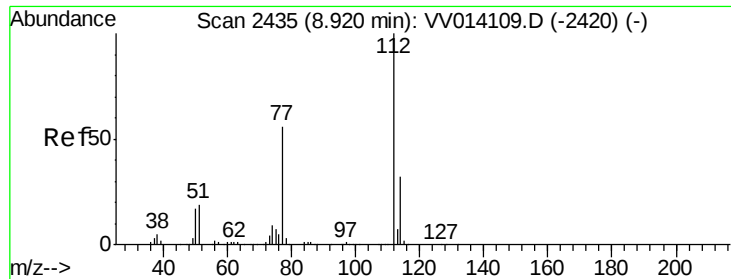
Tgt Ion: 83 Resp: 9017
Ion Ratio Lower Upper
83 100
85 71.1 45.7 84.9



#48
2-Hexanone
Concen: 4.410 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014124.D
Acq: 18 Dec 2019 16:11

Tgt Ion: 43 Resp: 23885
Ion Ratio Lower Upper
43 100
58 37.8 48.4 72.6#
57 33.4 16.6 24.8#
100 1.6 11.9 17.9#

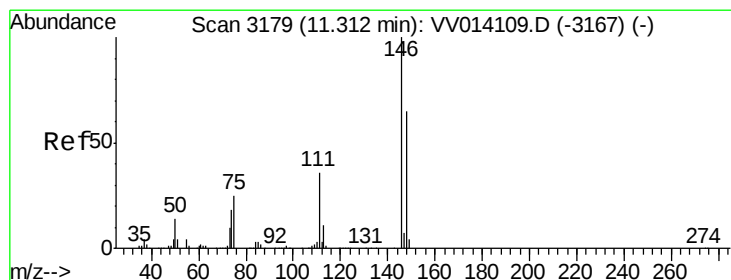
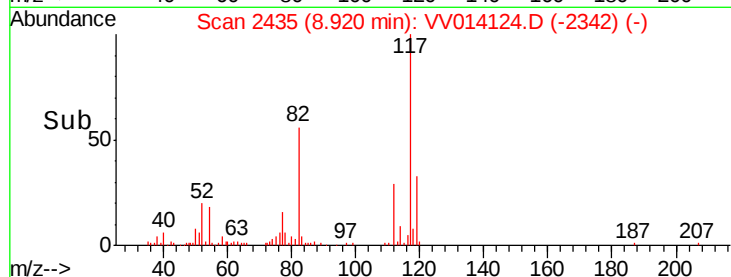
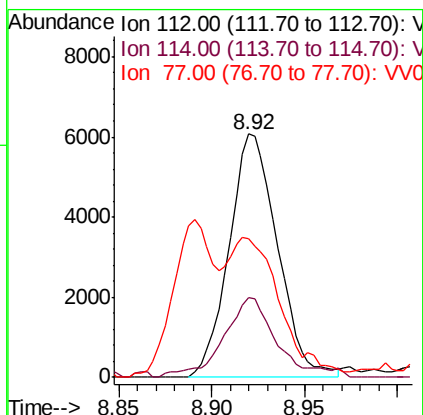
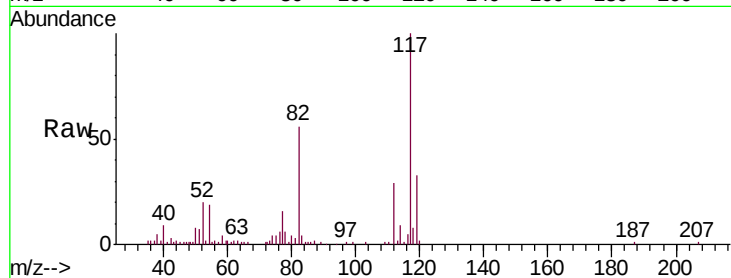




#51
Chlorobenzene
Concen: 0.719 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV014124.D
Acq: 18 Dec 2019 16:11

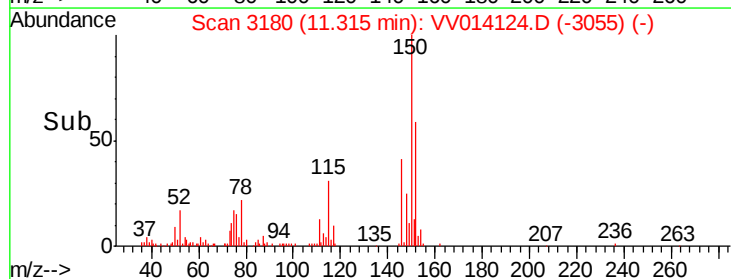
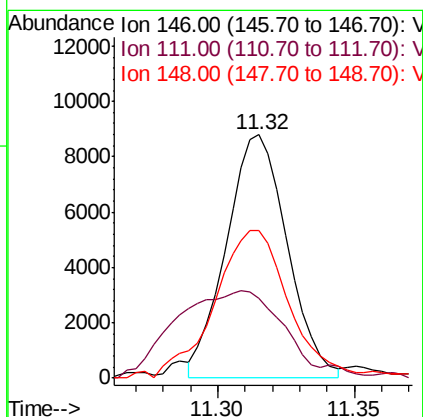
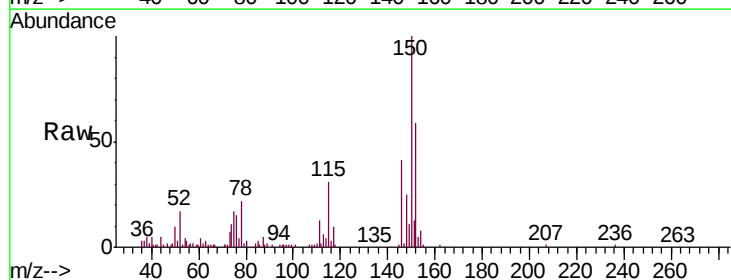
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

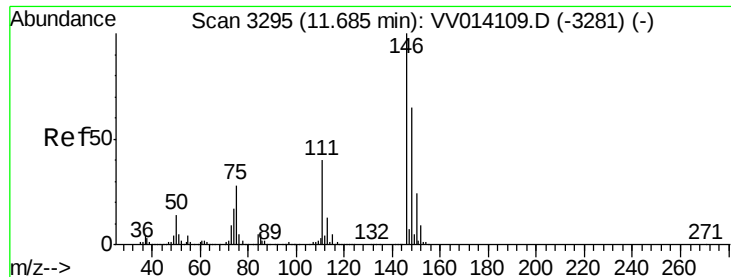
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.2	43.2
77	56.7	45.0	67.4



#63
1,4-Dichlorobenzene
Concen: 1.226 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV014124.D
Acq: 18 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	32.5	25.4	47.2
148	60.8	44.9	83.5

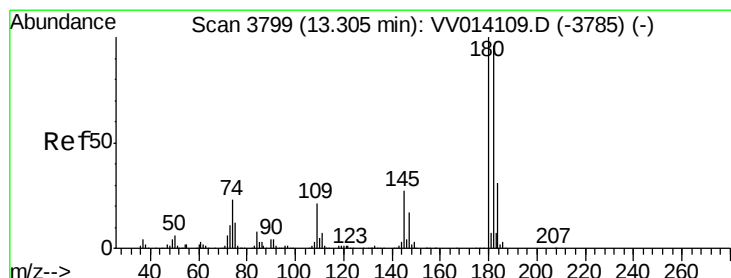
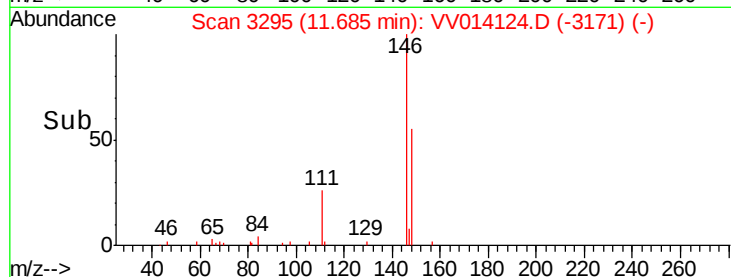
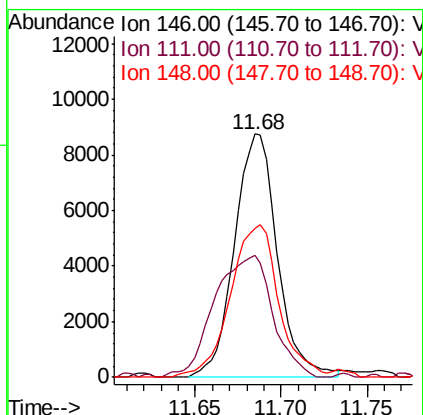
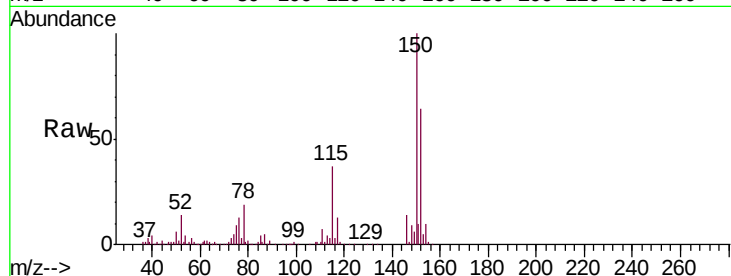




#65
 1,2-Dichlorobenzene
 Concen: 1.408 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: VV014124.D
 Acq: 18 Dec 2019 16:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion:146 Resp: 15169
 Ion Ratio Lower Upper
 146 100
 111 50.0 31.4 47.0#
 148 61.4 51.5 77.3



#68
 1,2,4-trichlorobenzene
 Concen: 0.863 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. -0.00 min
 Lab File: VV014124.D
 Acq: 18 Dec 2019 16:11

Tgt Ion:180 Resp: 6815
 Ion Ratio Lower Upper
 180 100
 182 98.4 76.2 114.4
 145 31.9 21.9 32.9

