

Data File : VV012737.D
Acq On : 13 Sep 2019 19:56
Operator : SY/MD
Sample : K4707-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0CJ7

Quant Time: Sep 14 00:22:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:19:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	786196	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	747373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	299089	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206067	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.58	69	190954	47.89	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.78%
11) 1,1-Dichloroethene-d2	2.13	63	308476	35.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.18%
21) 2-Butanone-d5	3.92	46	468950	101.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.49%
24) Chloroform-d	4.40	84	517815	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	329213	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
32) Benzene-d6	5.10	84	972655	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
36) 1,2-Dichloropropane-d6	6.12	67	348898	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.36	98	853939	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	135987	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
47) 2-Hexanone-d5	8.13	63	249894	92.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.55%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	389928	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.67	152	368803	54.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.06%

Target Compounds

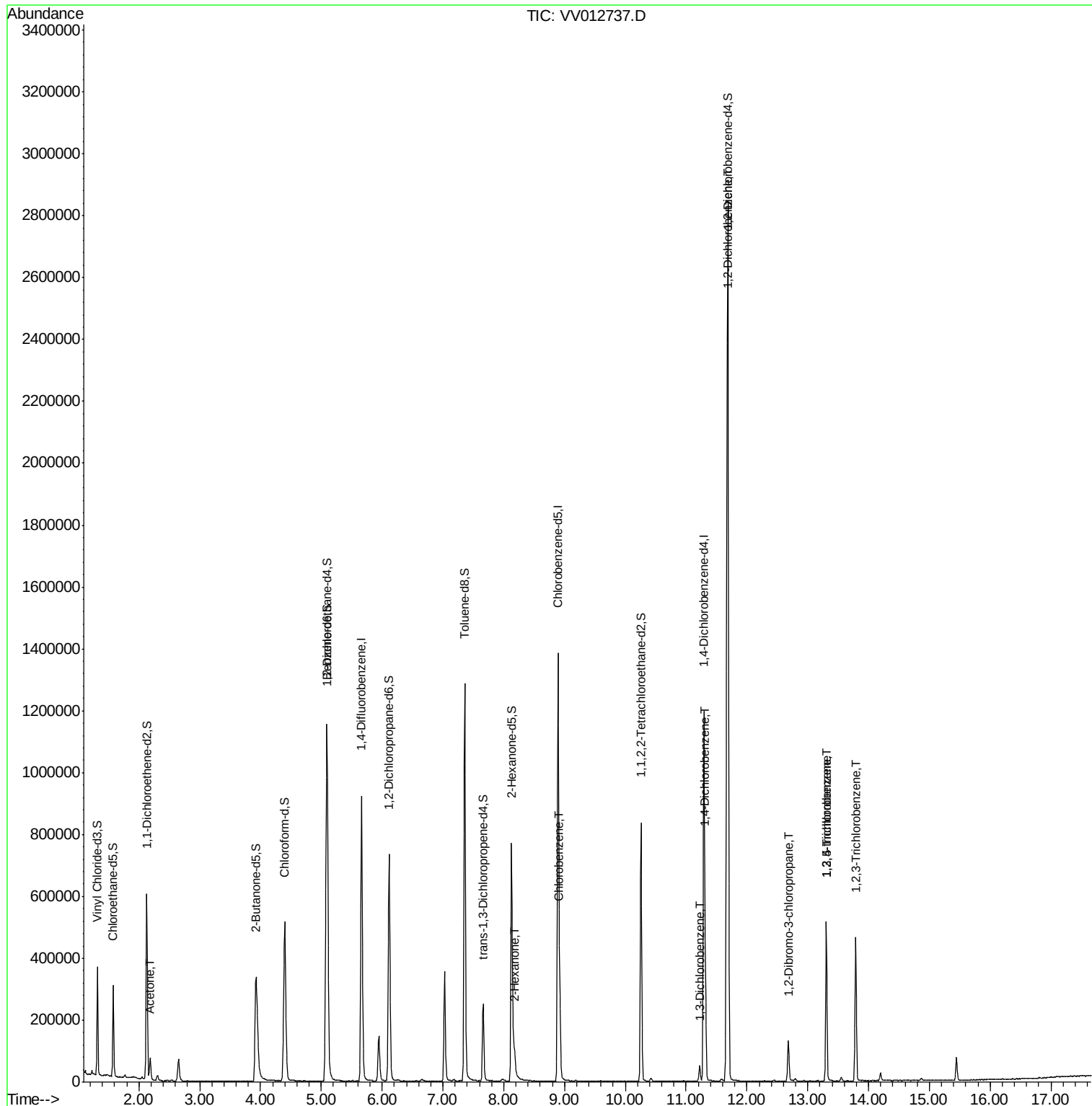
					Qvalue
13) Acetone	2.19	43	54420	14.268 ug/L	99
48) 2-Hexanone	8.18	43	52195	7.951 ug/L #	91
51) Chlorobenzene	8.92	112	133504	9.230 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	18653	2.019 ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	148258	15.645 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	990684	101.991 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.68	75	3969	3.061 ug/L #	1
67) 1,3,5-Trichlorobenzene	13.31	180	157766	23.116 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	157766	27.359 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	143819	22.975 ug/L	97

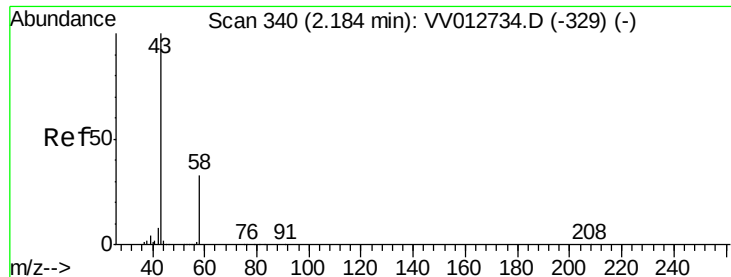
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.268 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

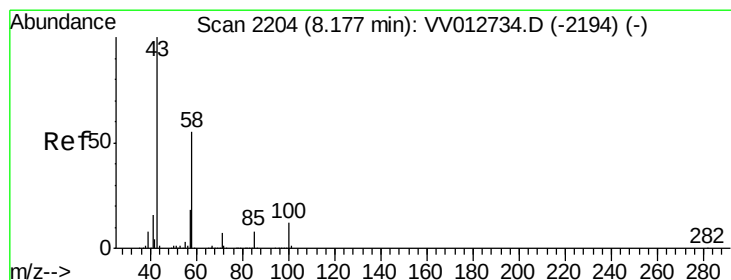
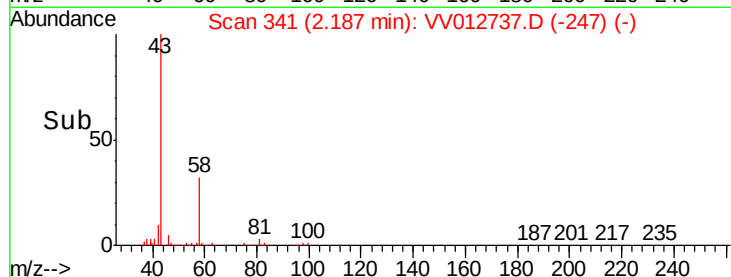
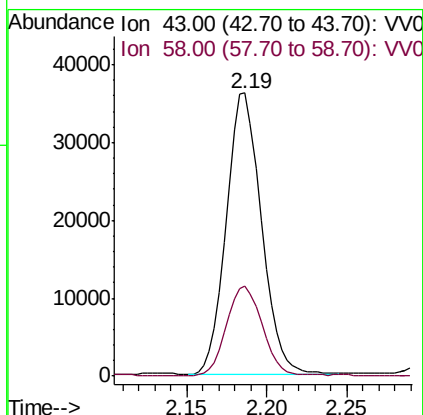
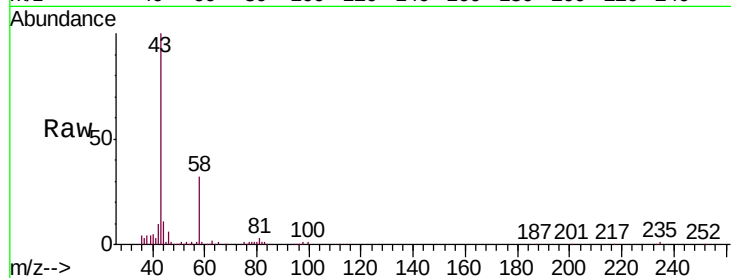
C0CJ7

Tgt Ion: 43 Resp: 54420

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.4



#48

2-Hexanone

Concen: 7.951 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VV012737.D

Acq: 13 Sep 2019 19:56

Tgt Ion: 43 Resp: 52195

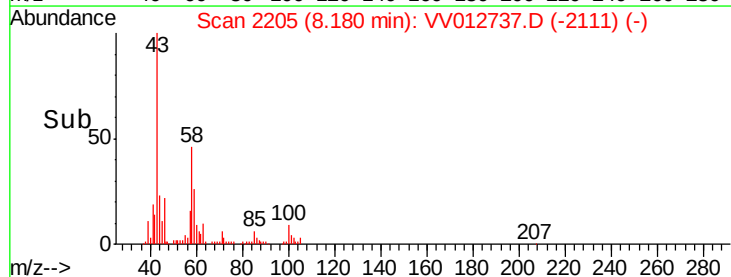
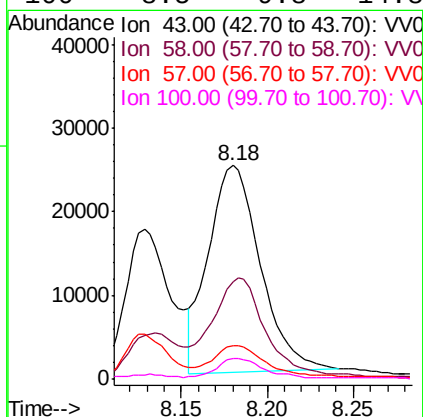
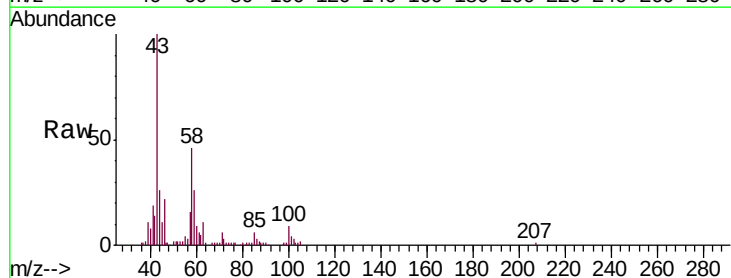
Ion Ratio Lower Upper

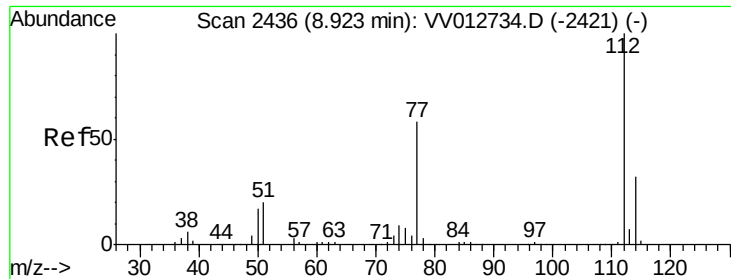
43 100

58 48.2 43.8 65.8

57 14.5 14.3 21.5

100 8.5 9.8 14.8#





#51

Chlorobenzene

Concen: 9.230 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

C0CJ7

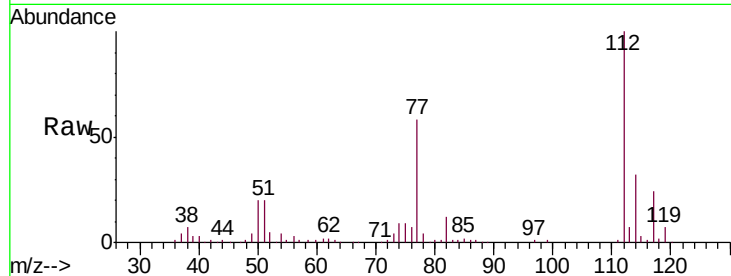
Tgt Ion:112 Resp: 133504

Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

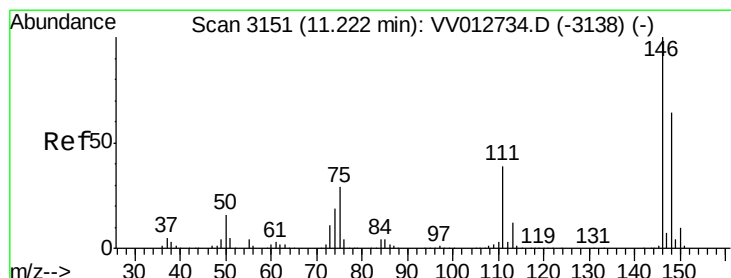
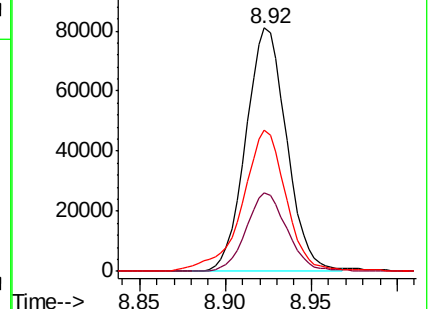
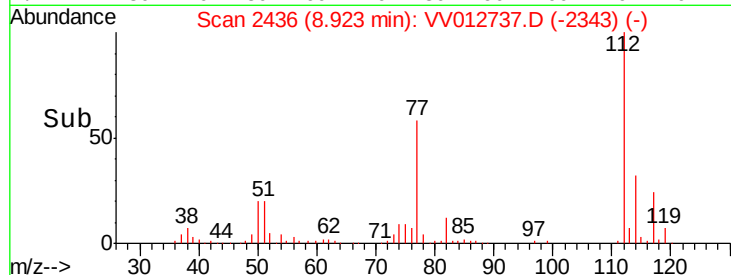
77 58.0 46.7 70.1



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



#62

1,3-Dichlorobenzene

Concen: 2.019 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV012737.D

Acq: 13 Sep 2019 19:56

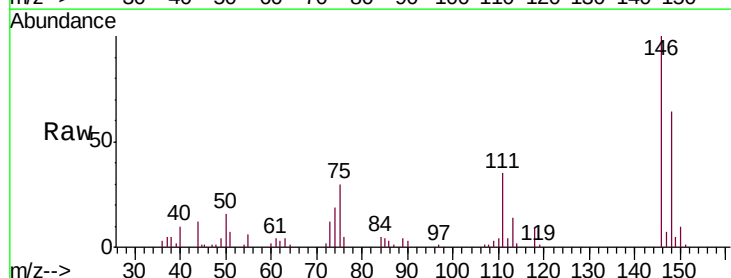
Tgt Ion:146 Resp: 18653

Ion Ratio Lower Upper

146 100

111 35.1 27.2 50.6

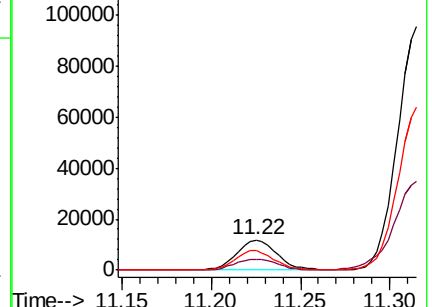
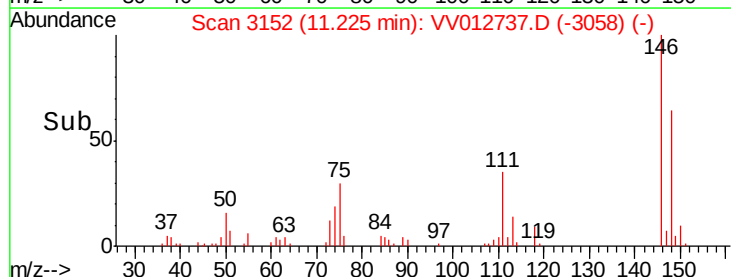
148 63.7 45.2 84.0

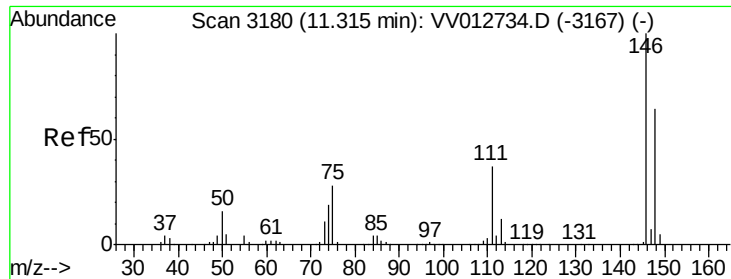


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

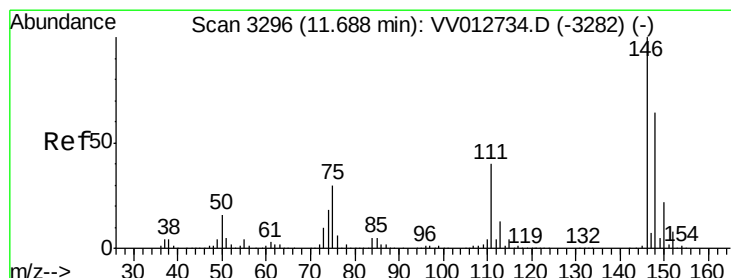
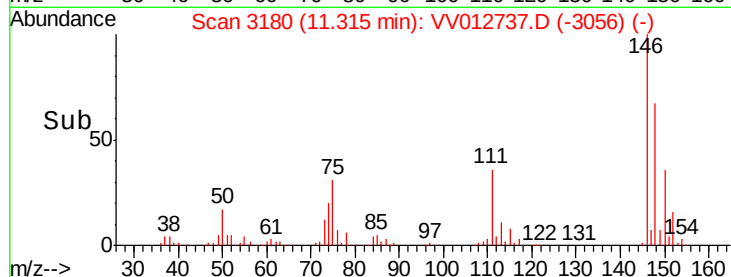
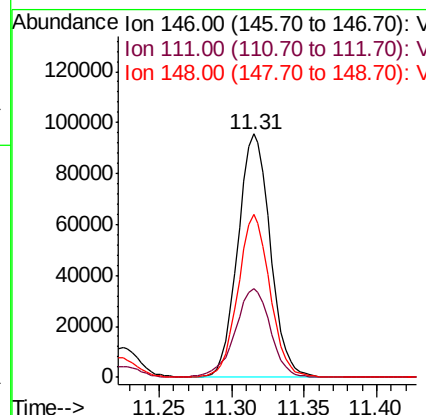
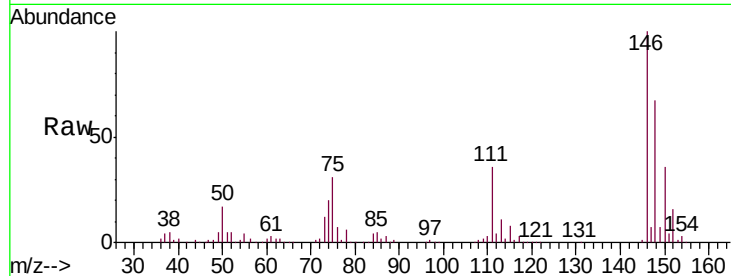




#63
 1,4-Dichlorobenzene
 Concen: 15.645 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV012737.D
 Acq: 13 Sep 2019 19:56

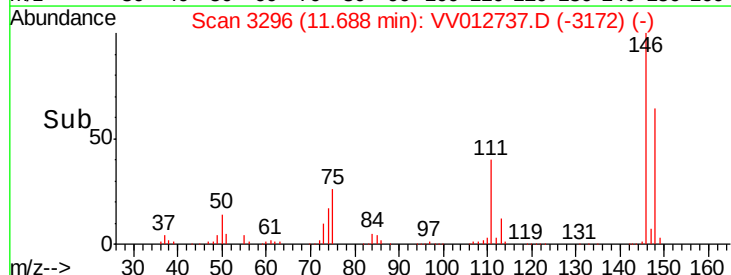
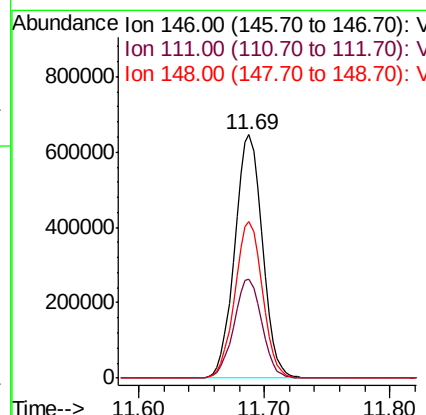
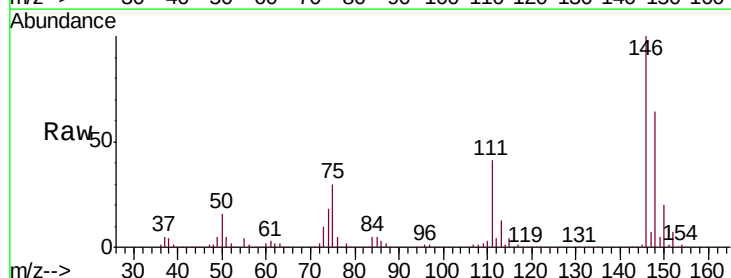
Instrument :
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 C0CJ7

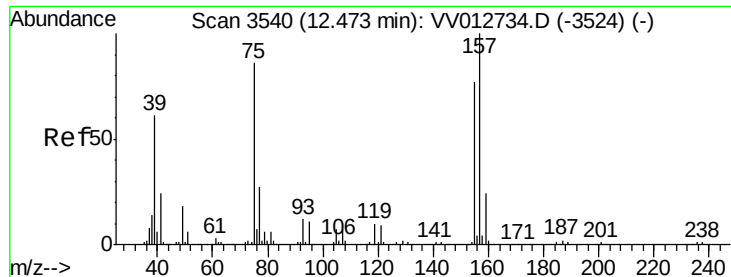
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	26.2	48.8
148	67.1	45.0	83.6



#65
 1,2-Dichlorobenzene
 Concen: 101.991 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV012737.D
 Acq: 13 Sep 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.2	48.2
148	64.3	51.5	77.3

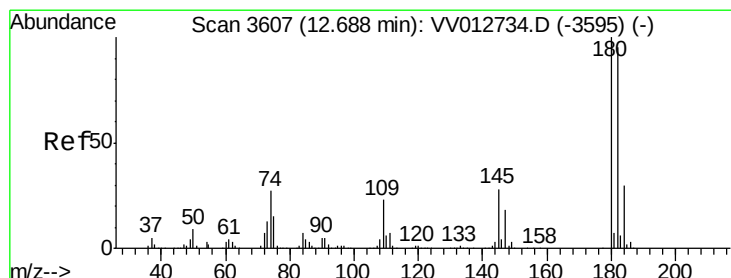
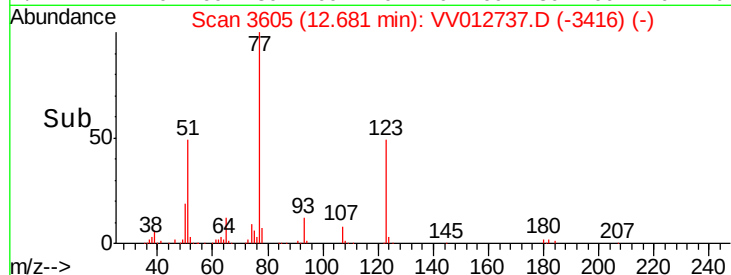
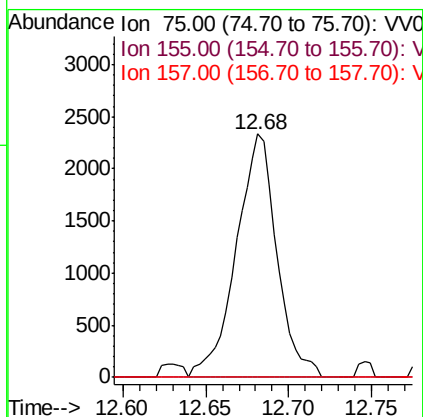
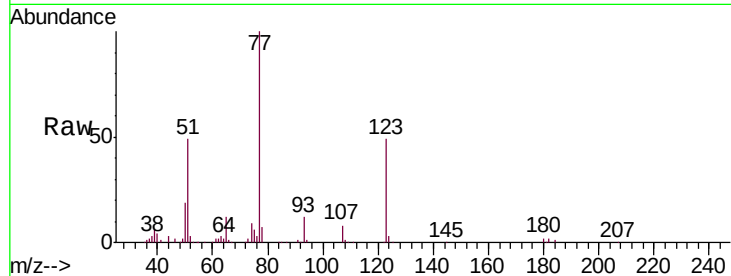




#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.061 ug/L
 RT: 12.68 min Scan# 3605
 Delta R.T. 0.21 min
 Lab File: VV012737.D
 Acq: 13 Sep 2019 19:56

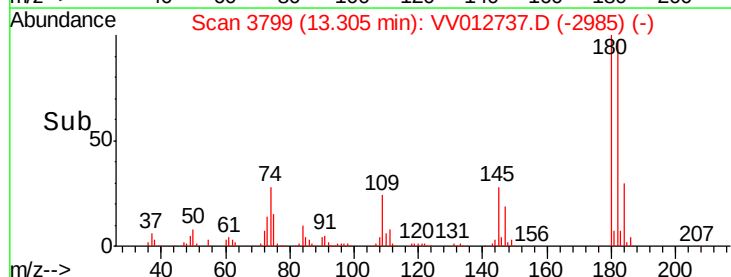
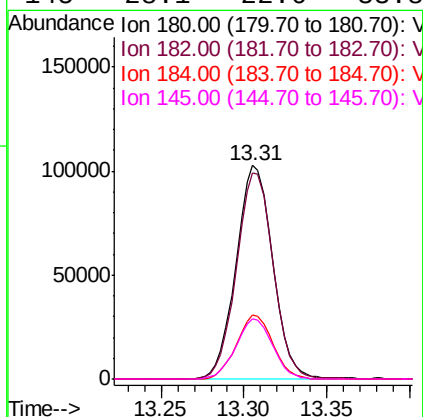
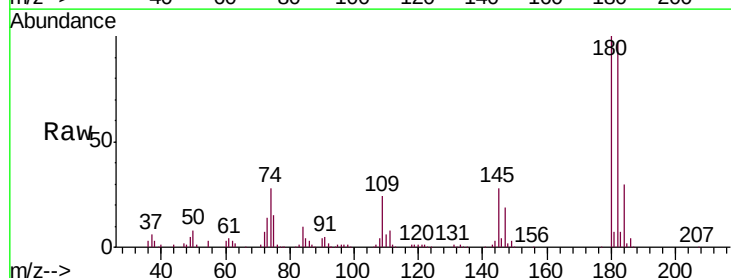
Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ7

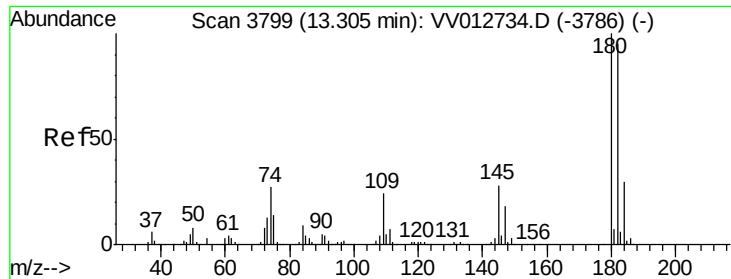
Tgt Ion: 75 Resp: 3969
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.4 110.0#
 157 0.0 90.2 135.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 23.116 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.62 min
 Lab File: VV012737.D
 Acq: 13 Sep 2019 19:56

Tgt Ion: 180 Resp: 157766
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.7 115.1
 184 29.9 24.4 36.6
 145 28.1 22.6 33.8

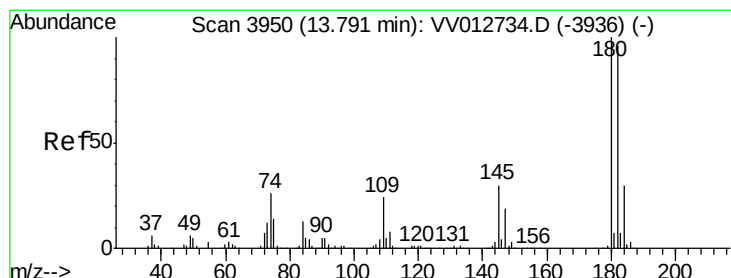
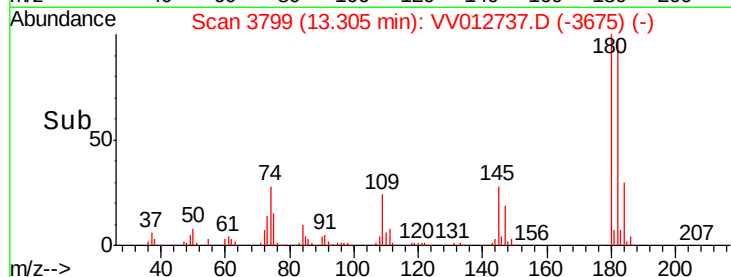
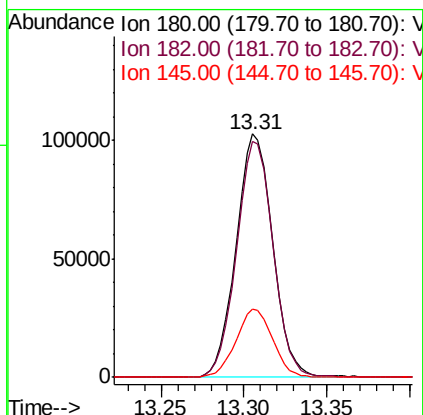
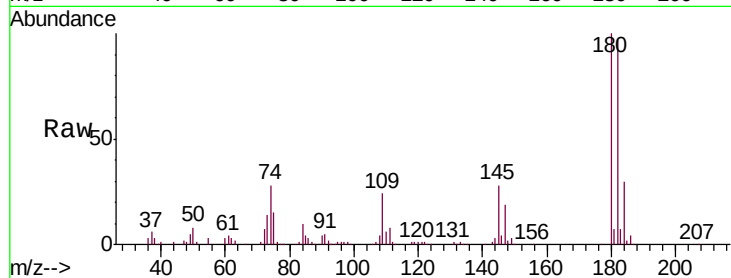




#68
 1,2,4-trichlorobenzene
 Concen: 27.359 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. -0.00 min
 Lab File: VV012737.D
 Acq: 13 Sep 2019 19:56

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ7

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.8	115.2
145	28.1	23.0	34.4



#70
 1,2,3-Trichlorobenzene
 Concen: 22.975 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VV012737.D
 Acq: 13 Sep 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.6	113.4
145	30.2	24.2	36.2

