

Data File : VV013301.D
Acq On : 23 Oct 2019 14:58
Operator : SY/MD
Sample : K5395-04
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0042

Quant Time: Oct 24 03:08:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 02:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1238664	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1158214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	508891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	372308	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.68%
7) Chloroethane-d5	1.58	69	300236	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.74%
11) 1,1-Dichloroethene-d2	2.12	63	450569	37.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.00%
21) 2-Butanone-d5	3.97	46	550892	100.13	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.13%
24) Chloroform-d	4.40	84	800015	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.08	65	506190	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
32) Benzene-d6	5.10	84	1709896	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
36) 1,2-Dichloropropane-d6	6.11	67	526094	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.36	98	1512345	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%
43) trans-1,3-Dichloropropene-	7.66	79	227687	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.46%
47) 2-Hexanone-d5	8.13	63	318627	95.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	684380	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	597441	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds

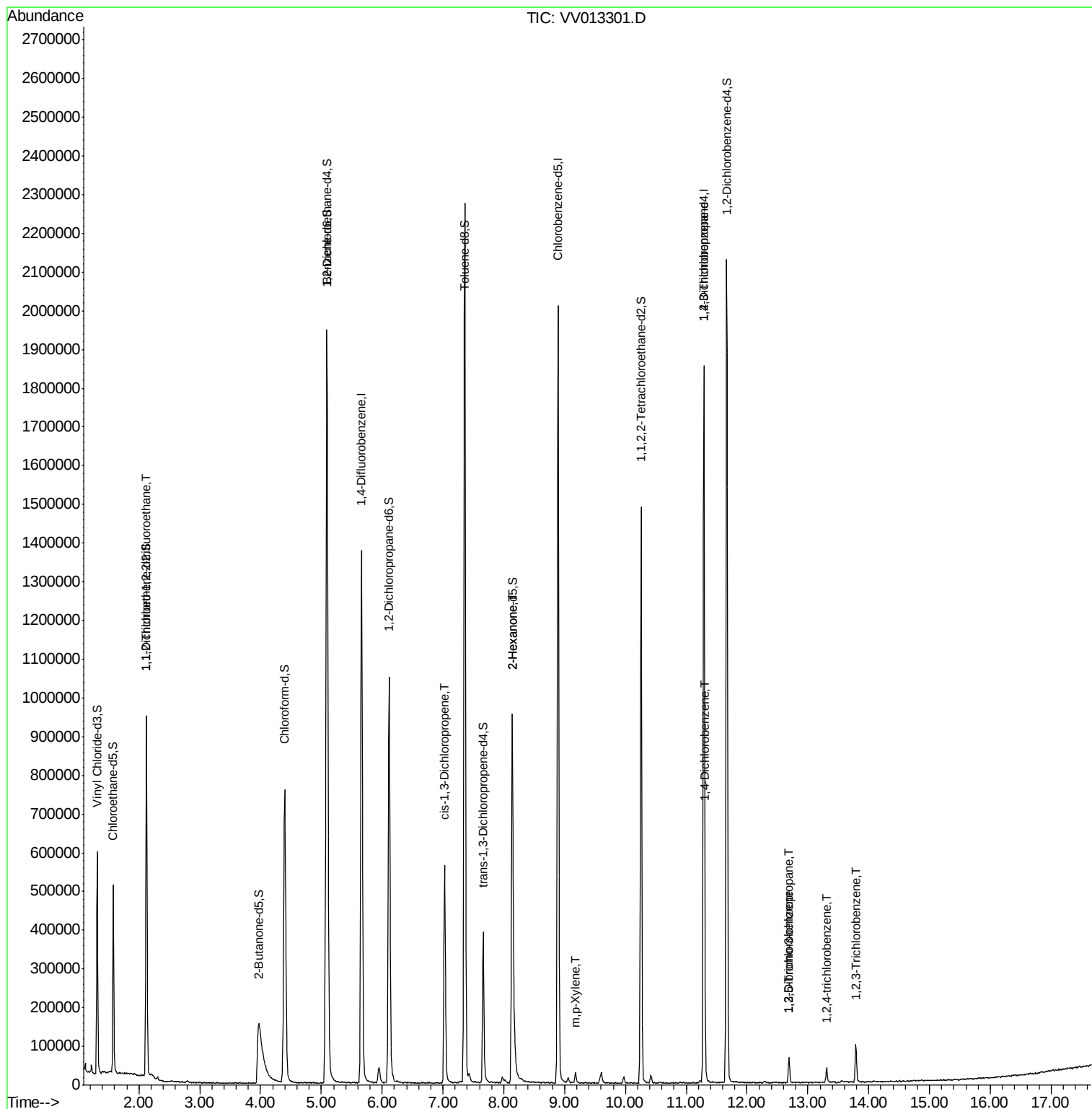
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5752	0.884	ug/L #	18
39) cis-1,3-Dichloropropene	7.03	75	11891	0.898	ug/L #	49
48) 2-Hexanone	8.14	43	49411	5.528	ug/L #	38
53) m,p-Xylene	9.18	106	8094	0.547	ug/L	100
59) 1,2,3-Trichloropropane	11.29	75	52501	4.750	ug/L	93
63) 1,4-Dichlorobenzene	11.31	146	12077	0.708	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.69	75	2865	1.206	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	21774	1.760	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	12418	1.196	ug/L	95
70) 1,2,3-Trichlorobenzene	13.79	180	32909	2.958	ug/L	99

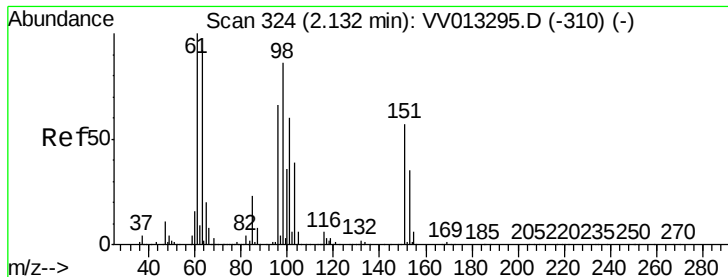
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013301.D
Acq On : 23 Oct 2019 14:58
Operator : SY/MD
Sample : K5395-04
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0042

Quant Time: Oct 24 03:08:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 02:50:44 2019
Response via : Initial Calibration





#10

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

Concen: 0.884 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013301.D

Acq: 23 Oct 2019 14:58

Instrument :

MSVOA_V

ClientSampleId :

C0042

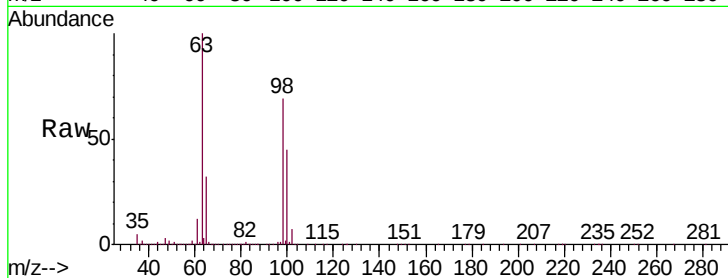
Tgt Ion:101 Resp: 5752

Ion Ratio Lower Upper

101 100

85 8.0 31.4 47.2#

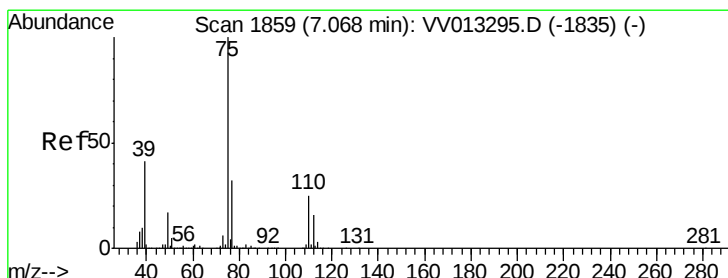
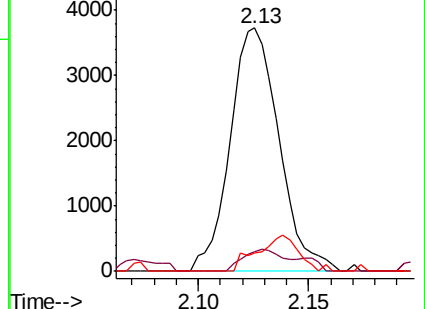
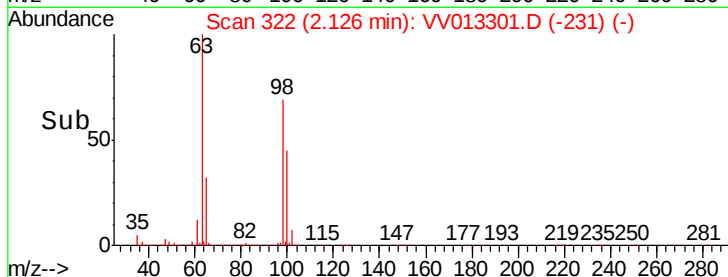
151 1.8 74.6 112.0#



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



#39

cis-1,3-Dichloropropene

Concen: 0.898 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV013301.D

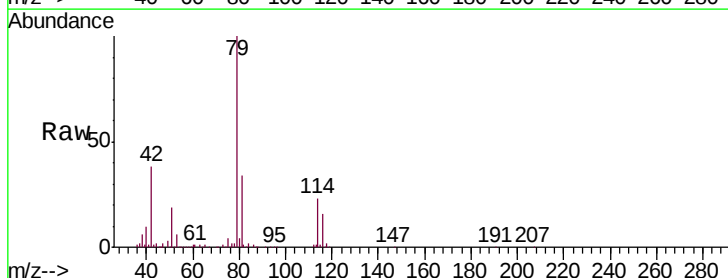
Acq: 23 Oct 2019 14:58

Tgt Ion: 75 Resp: 11891

Ion Ratio Lower Upper

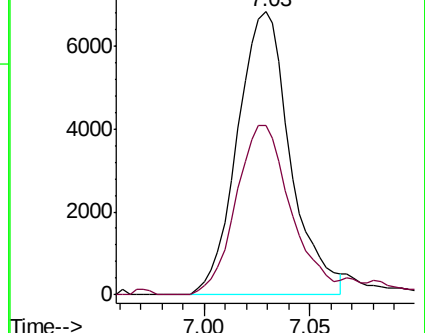
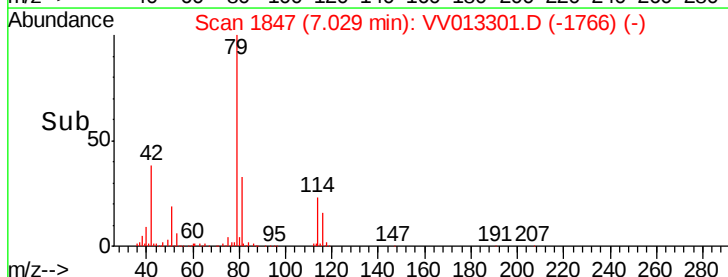
75 100

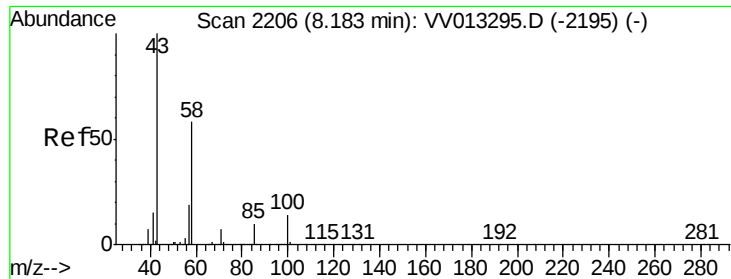
77 59.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

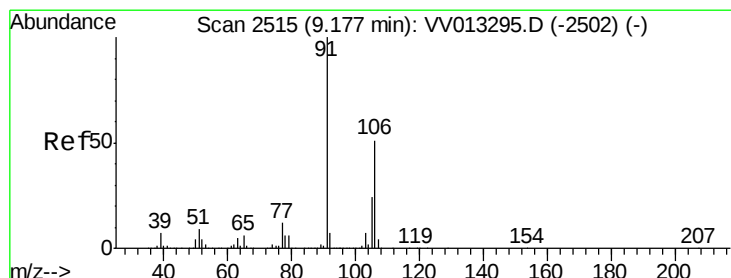
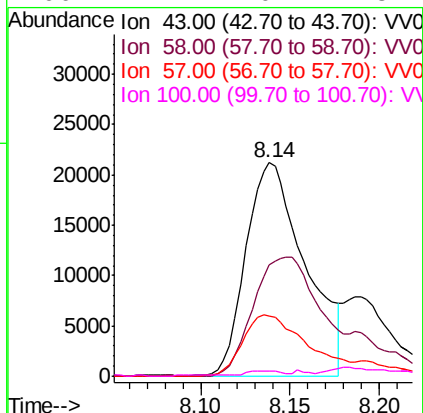
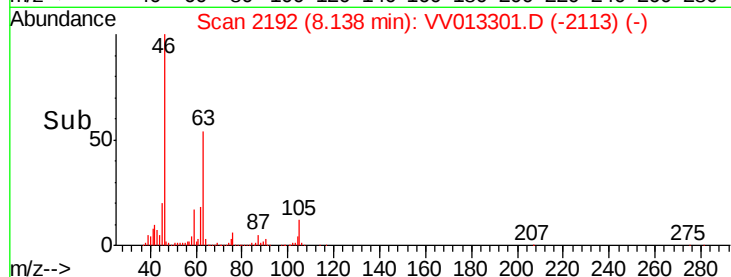
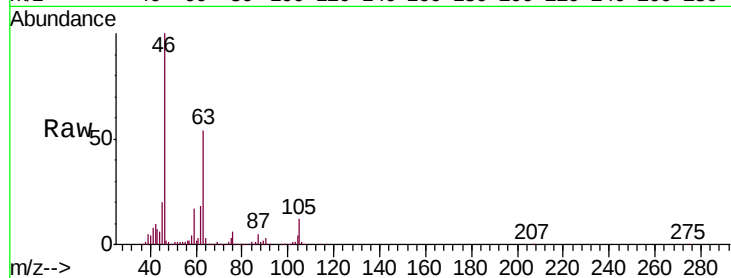




#48
2-Hexanone
Concen: 5.528 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV013301.D
Acq: 23 Oct 2019 14:58

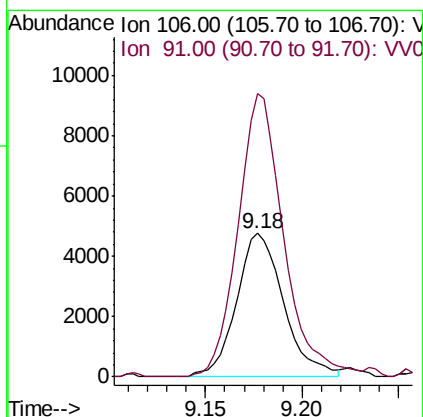
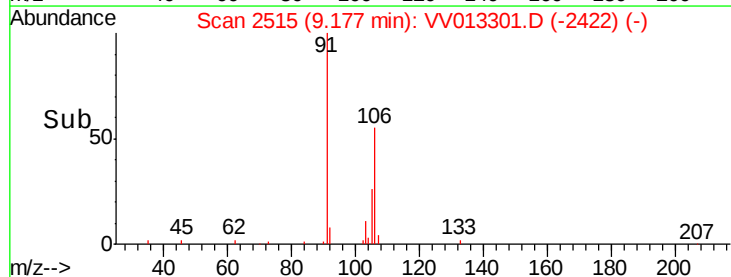
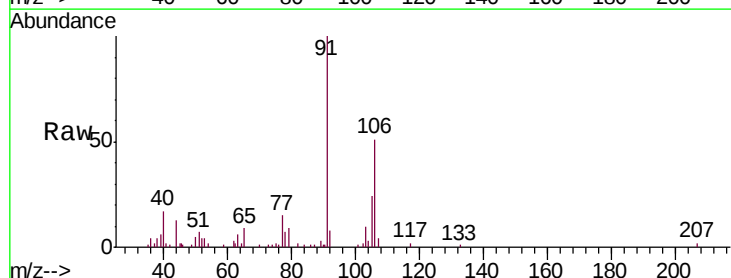
Instrument :
MSVOA_V
ClientSampleId :
C0042

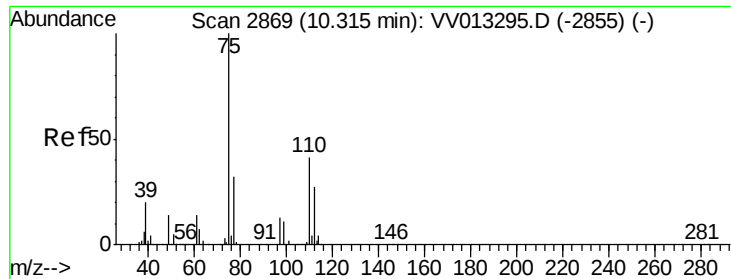
Tgt Ion: 43 Resp: 49411
Ion Ratio Lower Upper
43 100
58 0.0 47.0 70.6#
57 31.2 13.8 20.8#
100 1.2 10.2 15.4#



#53
m,p-Xylene
Concen: 0.547 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013301.D
Acq: 23 Oct 2019 14:58

Tgt Ion: 106 Resp: 8094
Ion Ratio Lower Upper
106 100
91 197.0 137.7 255.7





#59

1,2,3-Trichloropropane

Concen: 4.750 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV013301.D

Acq: 23 Oct 2019 14:58

Instrument :

MSVOA_V

ClientSampleId :

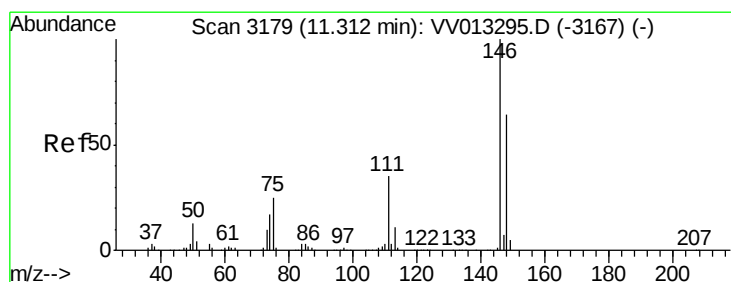
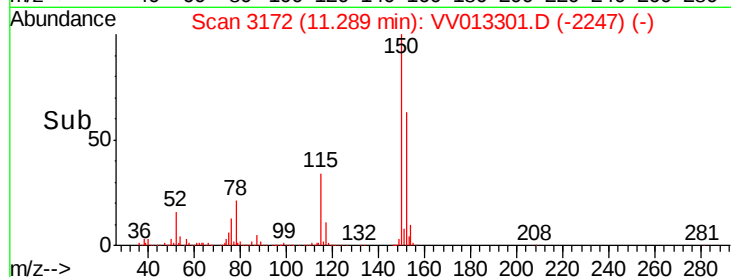
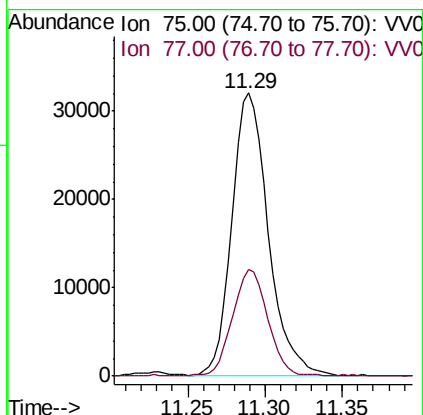
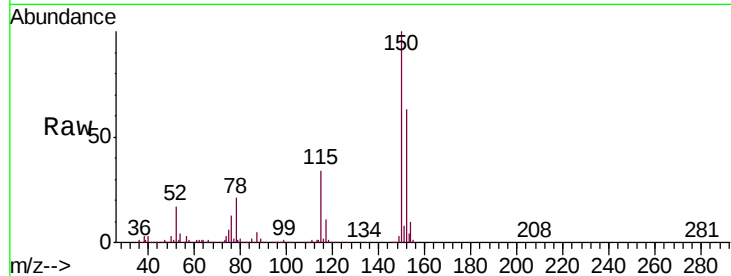
C0042

Tgt Ion: 75 Resp: 52501

Ion Ratio Lower Upper

75 100

77 36.1 25.7 38.5



#63

1,4-Dichlorobenzene

Concen: 0.708 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013301.D

Acq: 23 Oct 2019 14:58

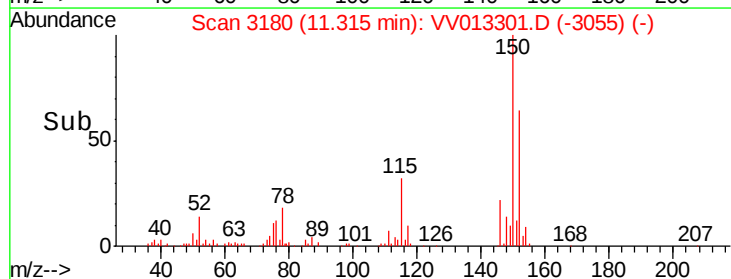
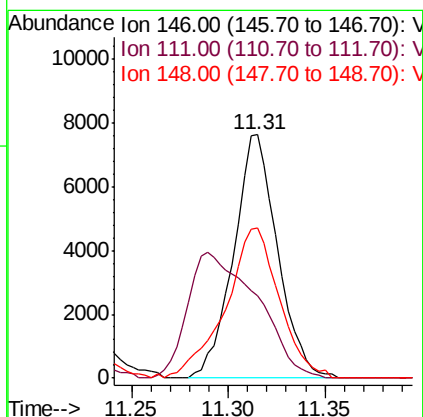
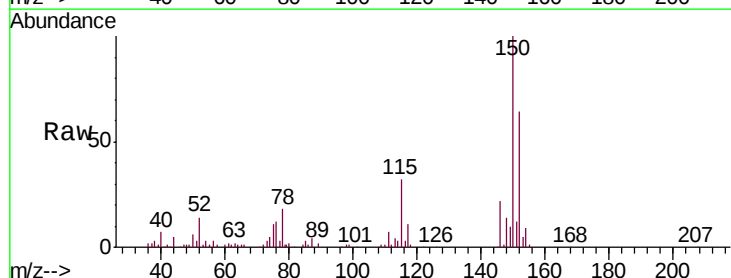
Tgt Ion: 146 Resp: 12077

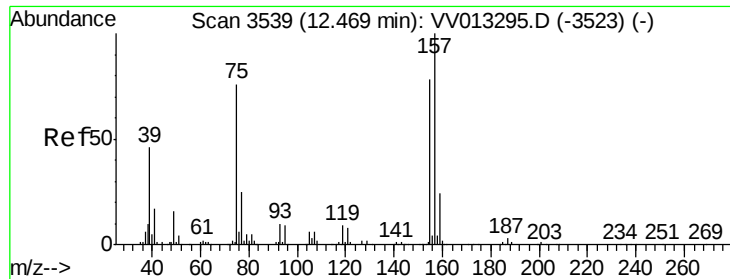
Ion Ratio Lower Upper

146 100

111 33.6 24.5 45.5

148 61.5 45.0 83.6

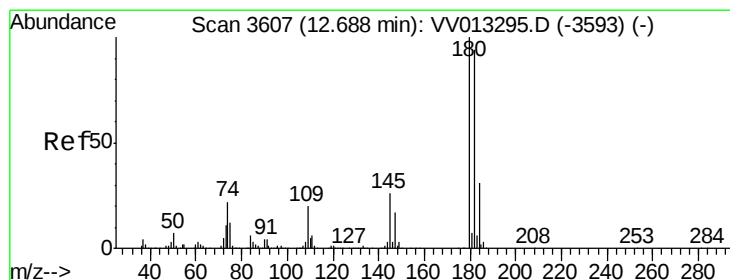
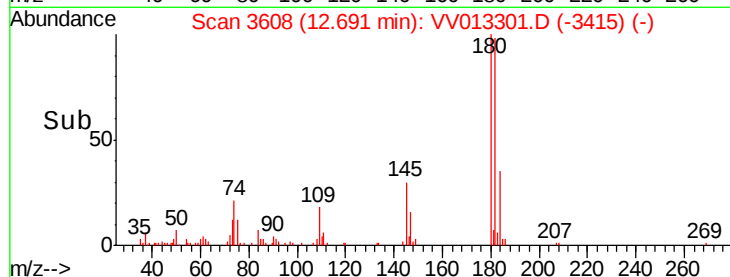
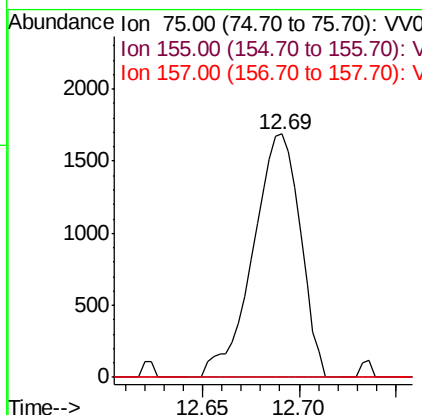
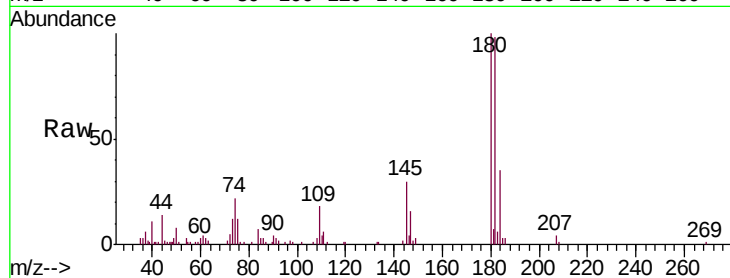




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.206 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.22 min
 Lab File: VV013301.D
 Acq: 23 Oct 2019 14:58

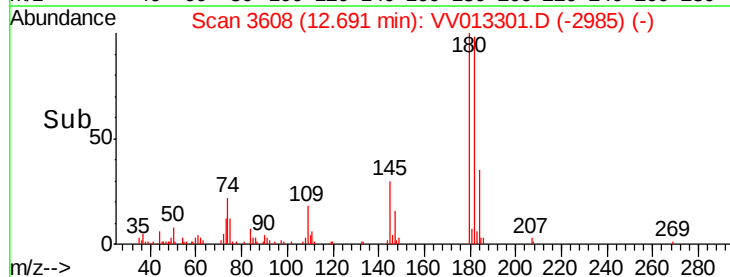
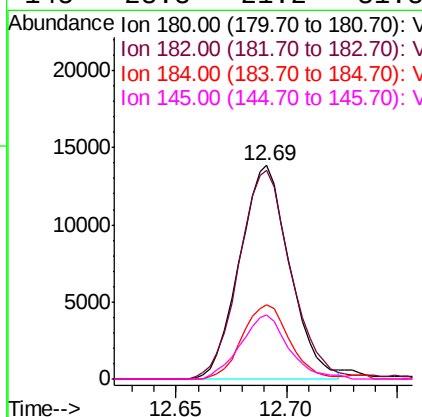
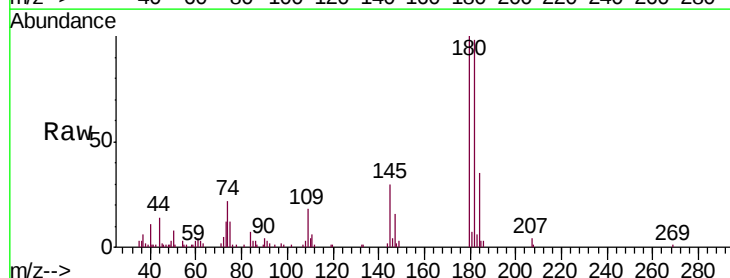
Instrument :
 MSVOA_V
 ClientSampleId :
 C0042

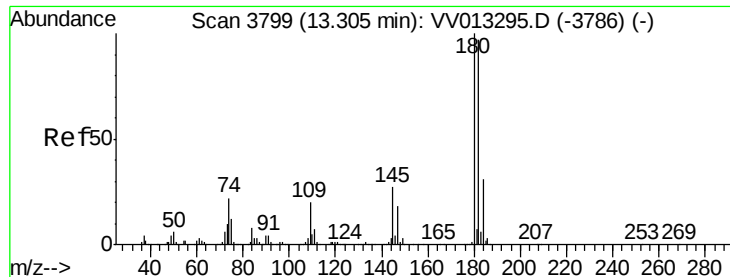
Tgt Ion: 75 Resp: 2865
 Ion Ratio Lower Upper
 75 100
 155 0.0 81.8 122.8#
 157 0.0 105.4 158.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 1.760 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV013301.D
 Acq: 23 Oct 2019 14:58

Tgt Ion: 180 Resp: 21774
 Ion Ratio Lower Upper
 180 100
 182 101.3 76.3 114.5
 184 33.0 24.8 37.2
 145 28.8 21.2 31.8

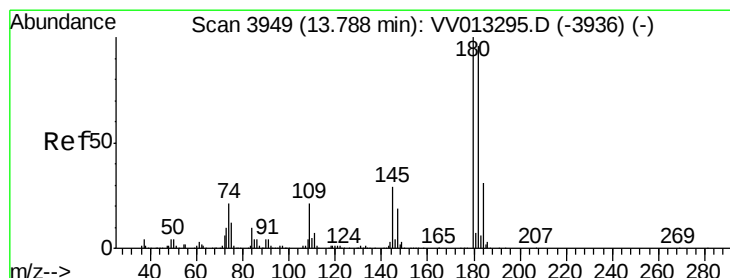
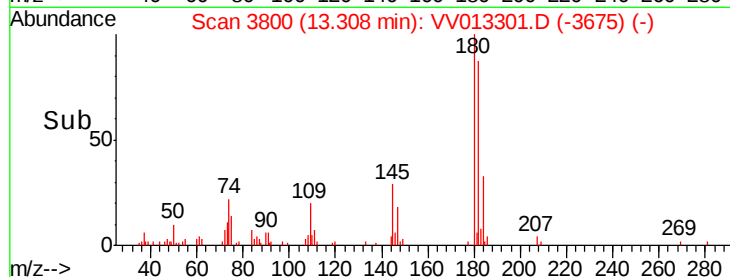
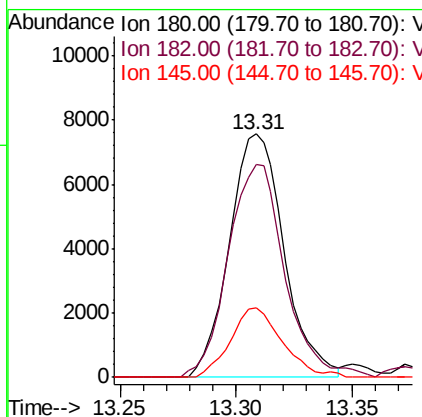
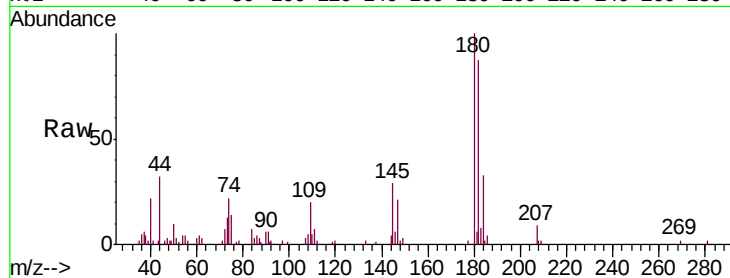




#68
 1,2,4-trichlorobenzene
 Concen: 1.196 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013301.D
 Acq: 23 Oct 2019 14:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C0042

Tgt Ion:180 Resp: 12418
 Ion Ratio Lower Upper
 180 100
 182 90.4 77.3 115.9
 145 26.5 21.7 32.5



#70
 1,2,3-Trichlorobenzene
 Concen: 2.958 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013301.D
 Acq: 23 Oct 2019 14:58

Tgt Ion:180 Resp: 32909
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.0 115.6
 145 27.5 23.4 35.2

