

Data File : VV013303.D
Acq On : 23 Oct 2019 18:39
Operator : SY/MD
Sample : K5395-06
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0046

Quant Time: Oct 24 03:09:06 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	1250381	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1193376	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	534682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	367802	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.58	69	301495	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.24%
11) 1,1-Dichloroethene-d2	2.13	63	445071	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	3.97	46	560515	100.93	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.93%
24) Chloroform-d	4.40	84	812920	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
26) 1,2-Dichloroethane-d4	5.08	65	510640	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.10	84	1724328	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.12	67	539501	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	7.36	98	1520635	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	228320	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.14	63	336381	97.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	699870	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	627995	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%

Target Compounds

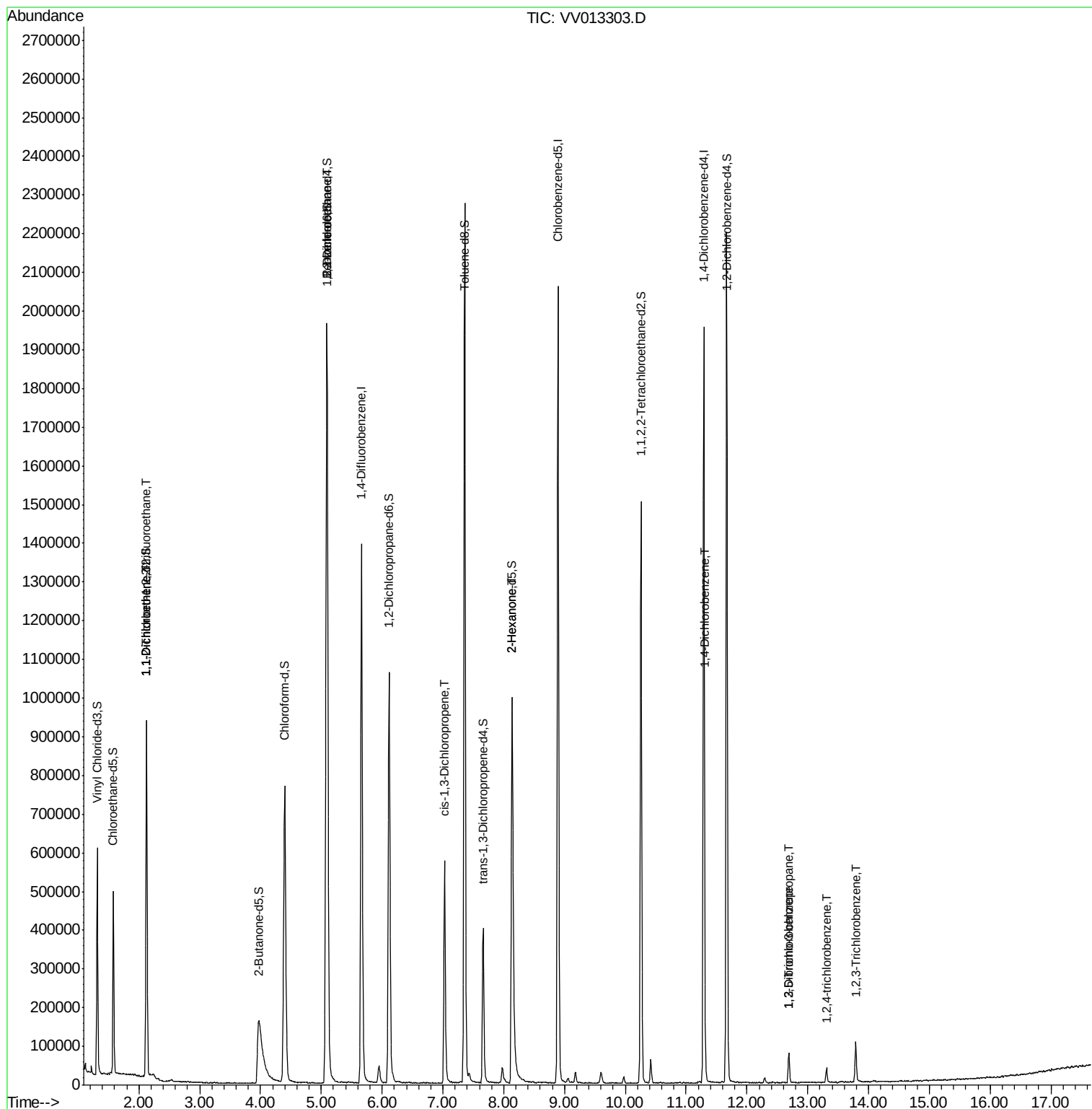
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5625	0.856	ug/L #	35
12) 1,1-Dichloroethene	2.13	96	4679	0.739	ug/L #	1
27) 1,2-Dichloroethane	5.09	62	9357	0.795	ug/L	97
39) cis-1,3-Dichloropropene	7.03	75	12208	0.894	ug/L #	54
48) 2-Hexanone	8.14	43	47471	5.154	ug/L #	86
63) 1,4-Dichlorobenzene	11.31	146	12305	0.686	ug/L #	88
66) 1,2-Dibromo-3-chloropropan	12.69	75	3690	1.478	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	25075	1.929	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	13024	1.194	ug/L	93
70) 1,2,3-Trichlorobenzene	13.79	180	34296	2.934	ug/L	99

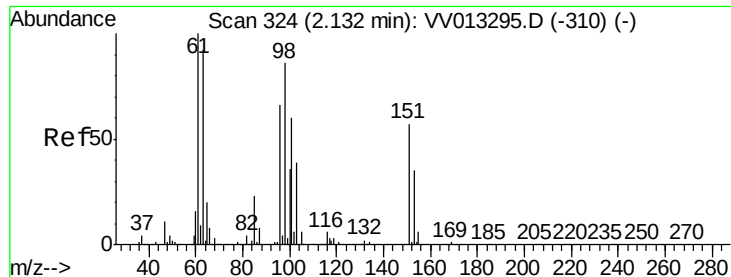
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.856 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013303.D

Acq: 23 Oct 2019 18:39

Instrument :

MSVOA_V

ClientSampleId :

C0046

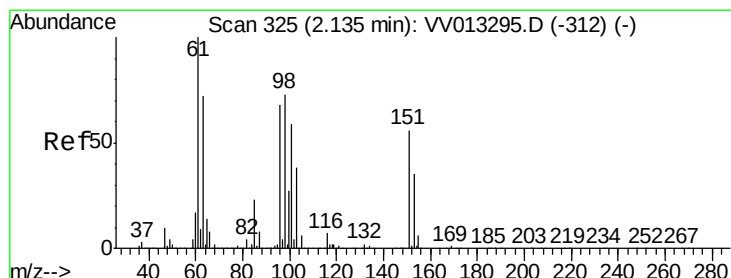
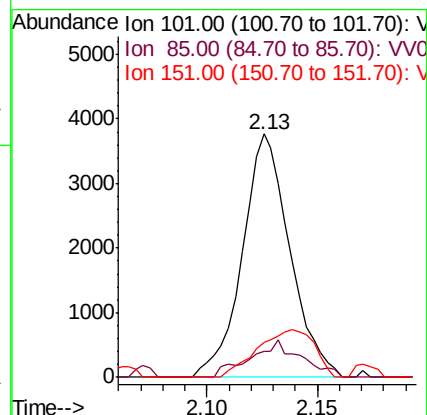
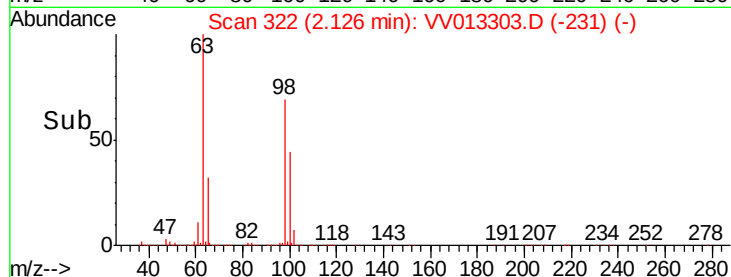
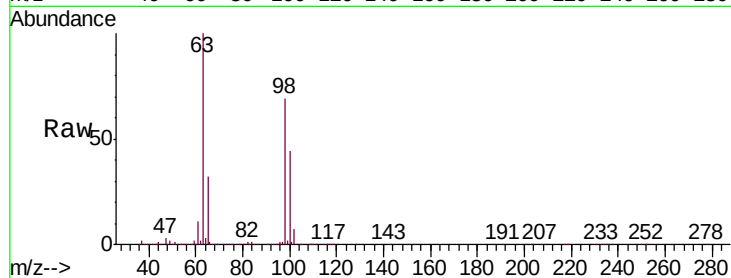
Tgt Ion: 101 Resp: 5625

Ion Ratio Lower Upper

101 100

85 10.2 31.4 47.2#

151 23.5 74.6 112.0#



#12

1,1-Dichloroethene

Concen: 0.739 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013303.D

Acq: 23 Oct 2019 18:39

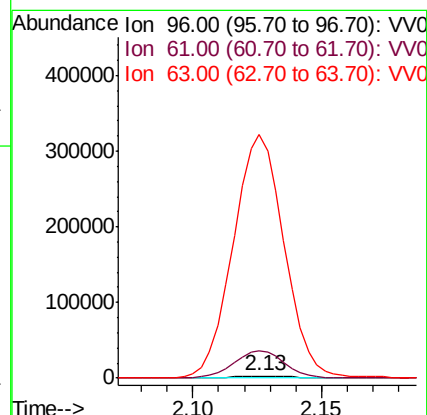
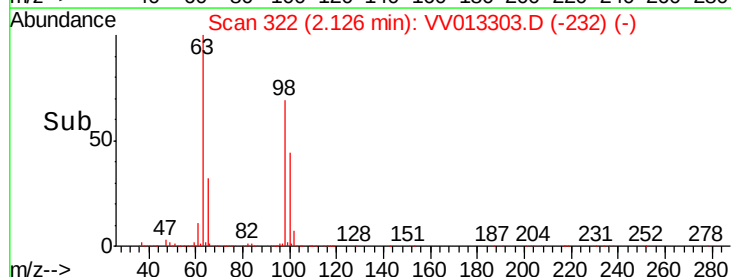
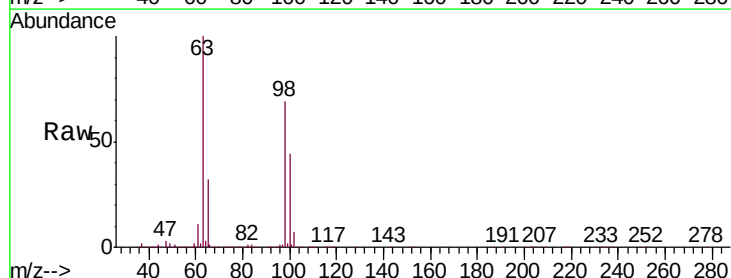
Tgt Ion: 96 Resp: 4679

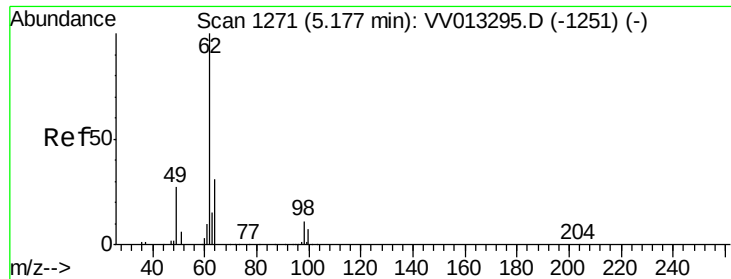
Ion Ratio Lower Upper

96 100

61 1174.0 103.3 191.8#

63 10445.2 74.8 138.8#

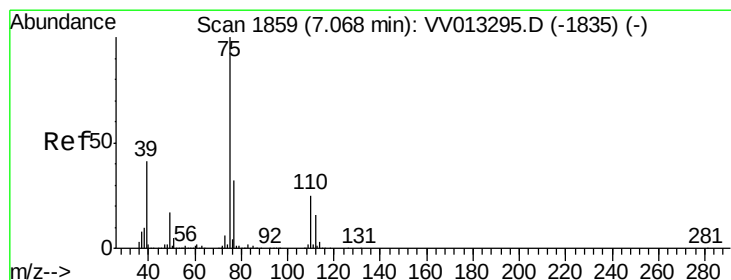
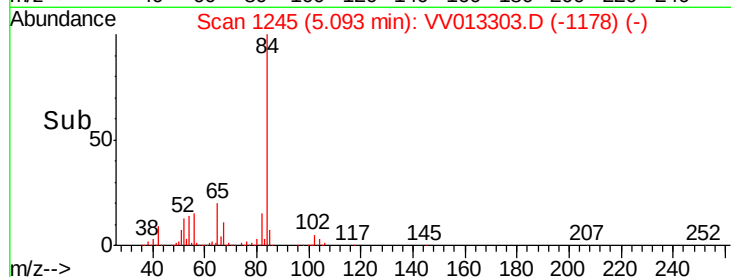
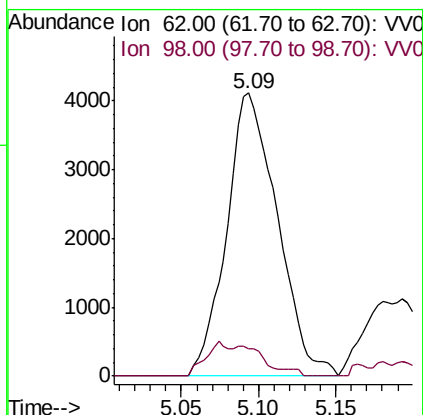
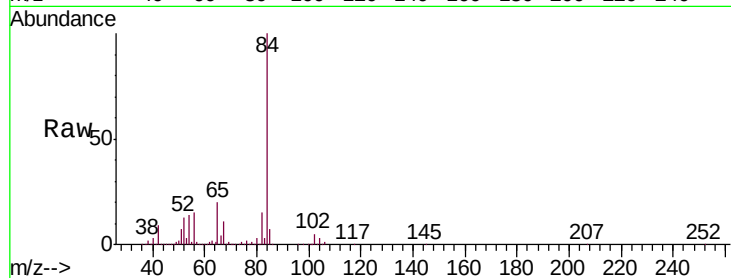




#27
 1,2-Dichloroethane
 Concen: 0.795 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.08 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

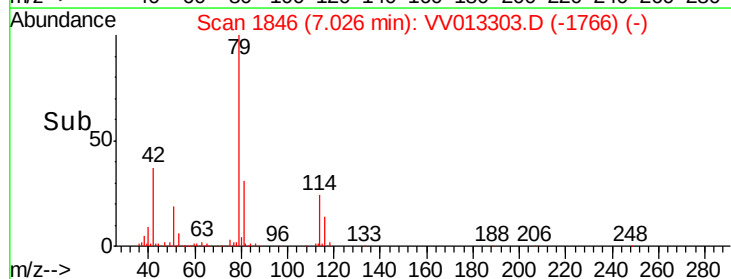
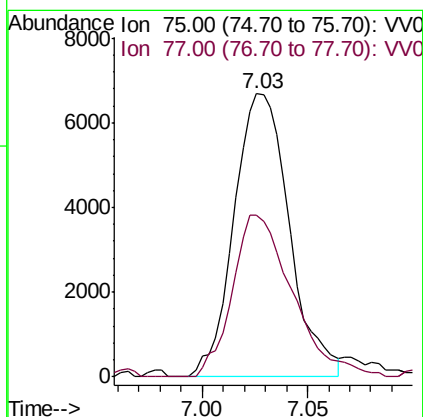
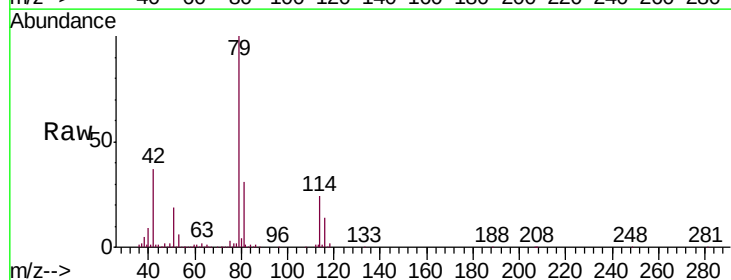
Instrument :
 MSVOA_V
 ClientSampleId :
 C0046

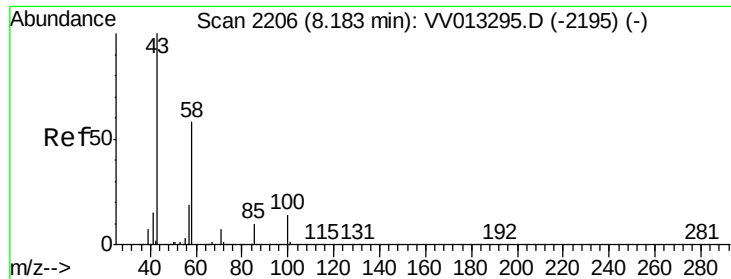
Tgt Ion: 62 Resp: 9357
 Ion Ratio Lower Upper
 62 100
 98 9.6 8.5 12.7



#39
 cis-1,3-Dichloropropene
 Concen: 0.894 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

Tgt Ion: 75 Resp: 12208
 Ion Ratio Lower Upper
 75 100
 77 57.4 22.2 41.2#

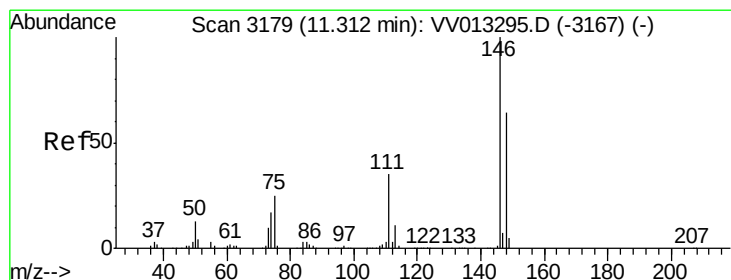
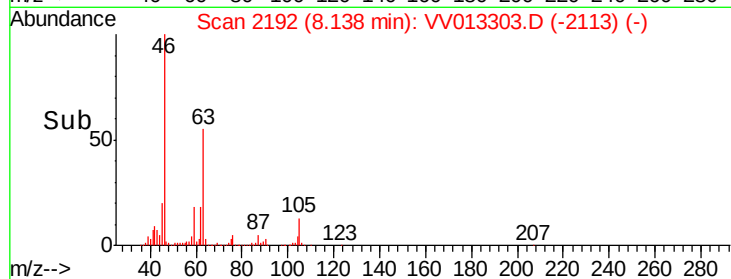
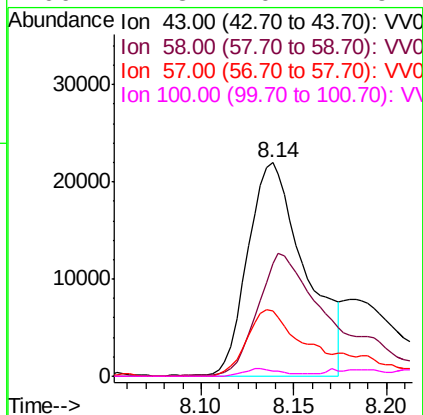
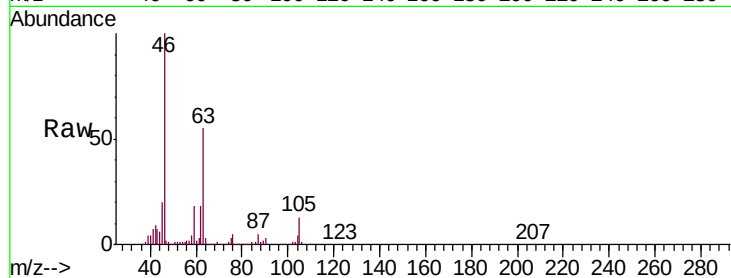




#48
 2-Hexanone
 Concen: 5.154 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

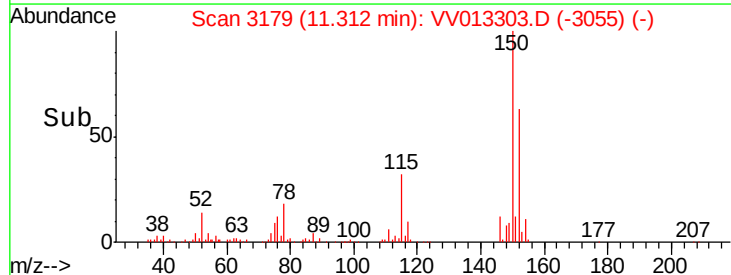
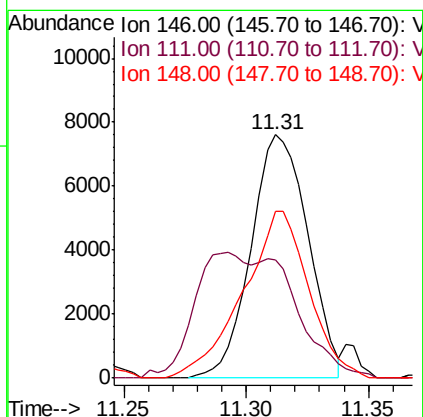
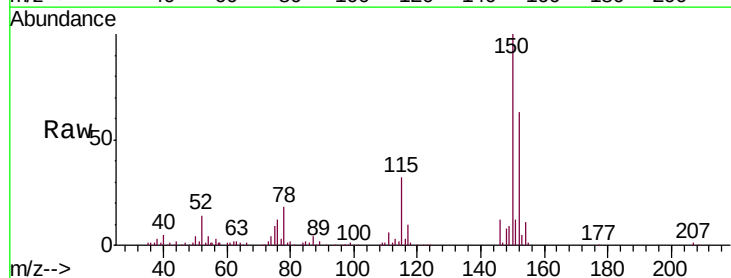
Instrument :
 MSVOA_V
 ClientSampleId :
 C0046

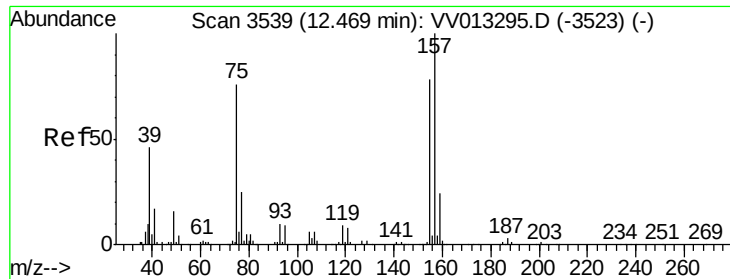
Tgt Ion:	43	Resp:	47471
Ion	Ratio	Lower	Upper
43	100		
58	63.6	47.0	70.6
57	29.7	13.8	20.8
100	2.3	10.2	15.4



#63
 1,4-Dichlorobenzene
 Concen: 0.686 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: VV013303.D
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Tgt Ion:	146	Resp:	12305
Ion	Ratio	Lower	Upper
146	100		
111	48.6	24.5	45.5
148	68.3	45.0	83.6

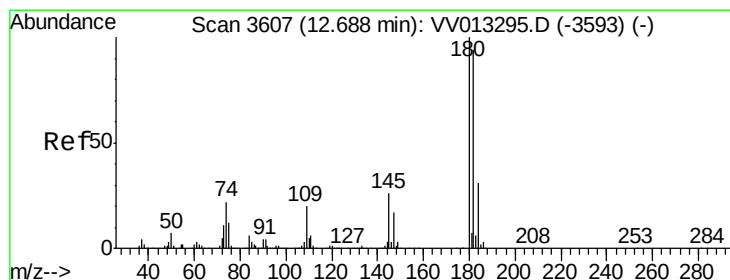
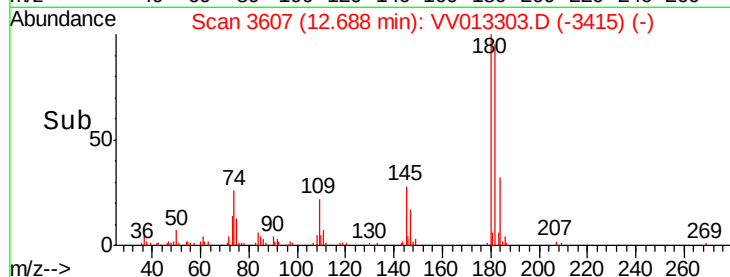
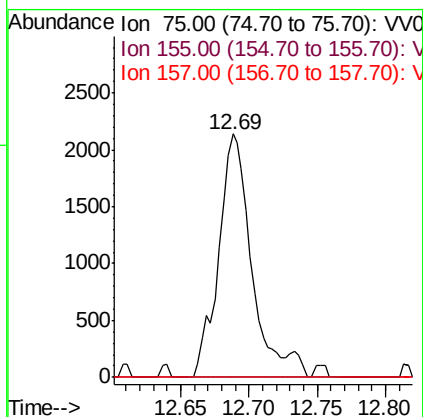
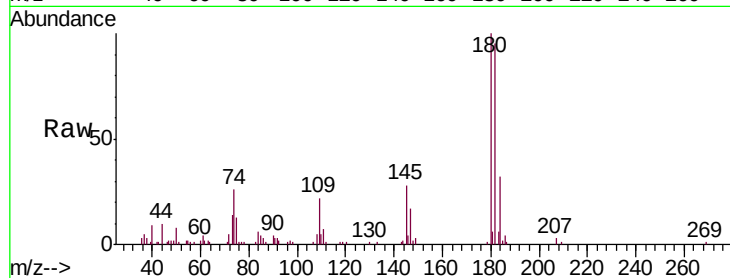




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.478 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.22 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

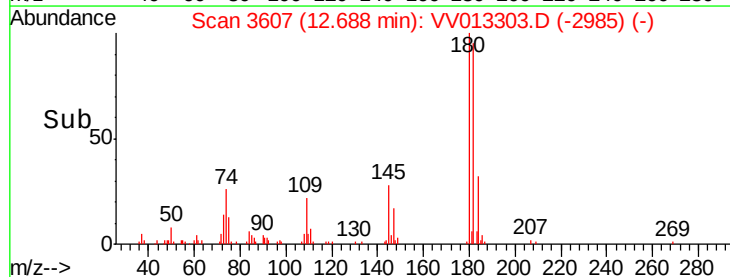
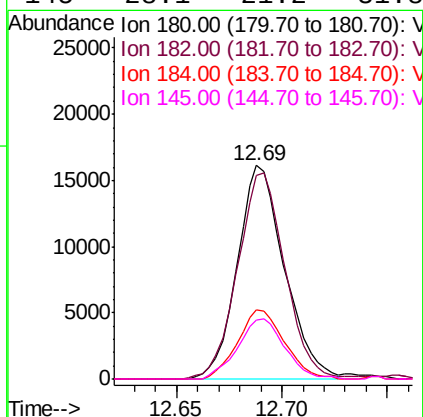
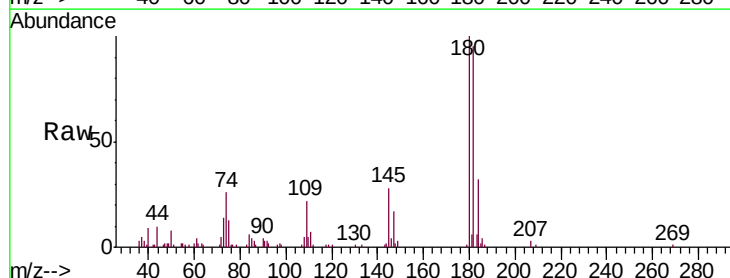
Instrument :
 MSVOA_V
 ClientSampled :
 C0046

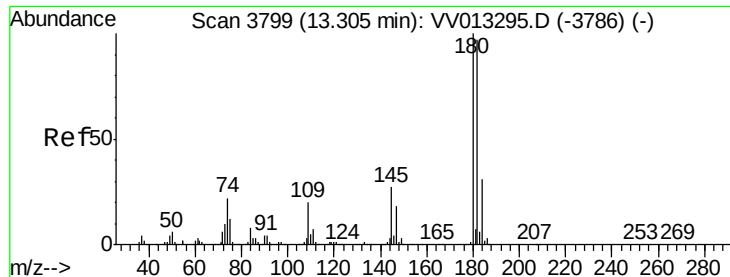
Tgt Ion: 75 Resp: 3690
 Ion Ratio Lower Upper
 75 100
 155 0.0 81.8 122.8#
 157 0.0 105.4 158.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 1.929 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

Tgt Ion: 180 Resp: 25075
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.3 114.5
 184 31.9 24.8 37.2
 145 28.1 21.2 31.8

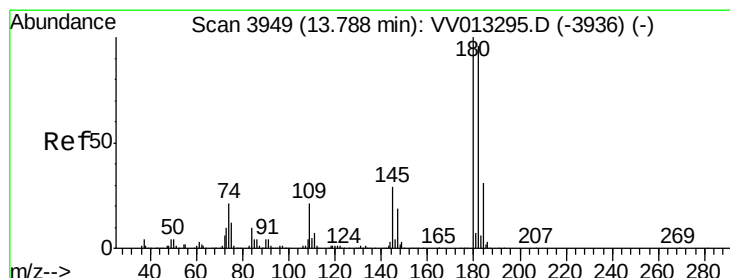
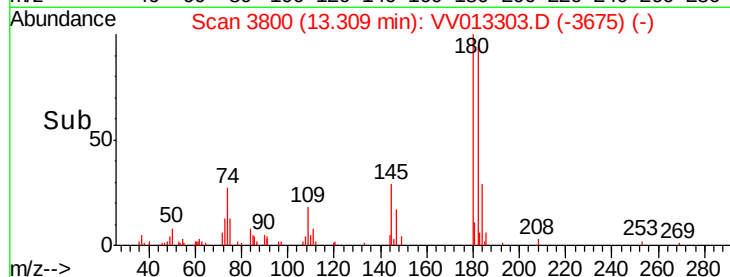
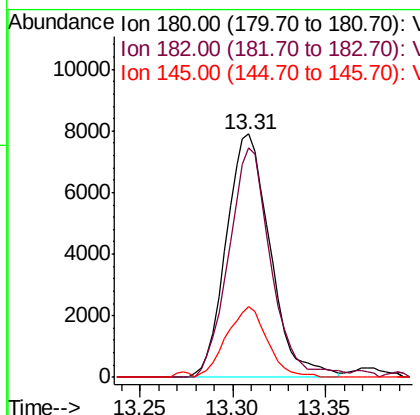
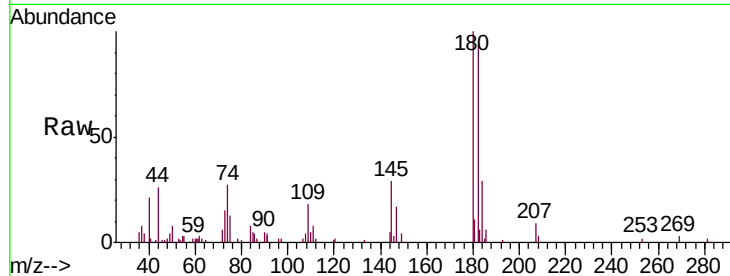




#68
 1,2,4-trichlorobenzene
 Concen: 1.194 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C0046

Tgt Ion:180 Resp: 13024
 Ion Ratio Lower Upper
 180 100
 182 88.0 77.3 115.9
 145 26.9 21.7 32.5



#70
 1,2,3-Trichlorobenzene
 Concen: 2.934 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

Tgt Ion:180 Resp: 34296
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 145 31.0 23.4 35.2

