

Data File : VV013307.D
Acq On : 23 Oct 2019 20:36
Operator : SY/MD
Sample : K5395-16
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0045

Quant Time: Oct 24 04:21:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1210919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1160290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	519392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	358427	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.30%
7) Chloroethane-d5	1.58	69	296950	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.86%
11) 1,1-Dichloroethene-d2	2.13	63	433588	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	3.97	46	559599	104.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.05%
24) Chloroform-d	4.40	84	795141	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.08	65	497626	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.10	84	1675133	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.12	67	529321	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.70%
41) Toluene-d8	7.36	98	1473932	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.66	79	222358	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.14	63	324513	96.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	689038	47.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.24%
64) 1,2-Dichlorobenzene-d4	11.67	152	605098	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

Target Compounds

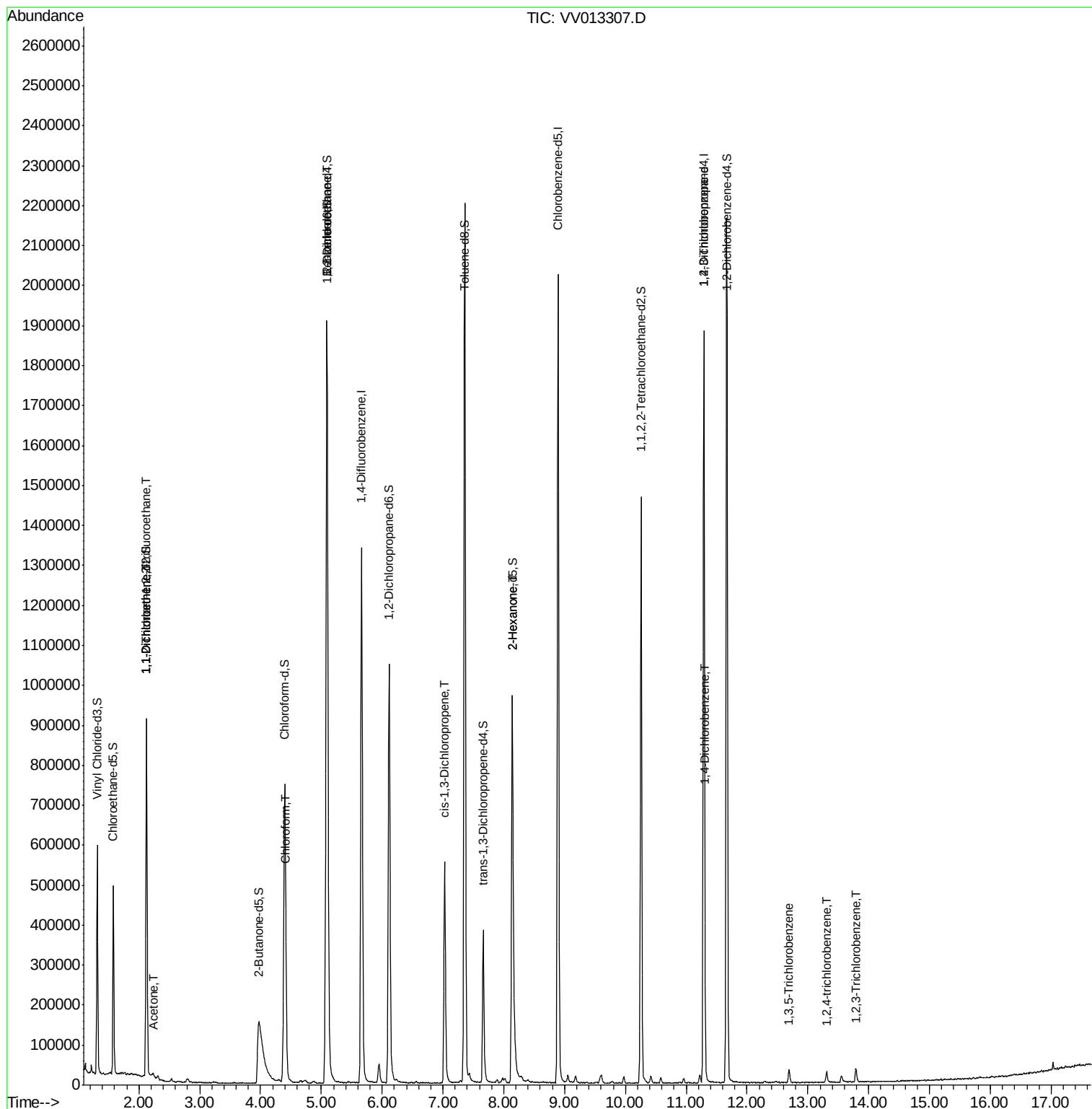
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6590	1.036	ug/L #	45
12) 1,1-Dichloroethene	2.13	96	5464	0.891	ug/L #	1
13) Acetone	2.25	43	7944	1.999	ug/L	63
25) Chloroform	4.42	83	11314	0.723	ug/L	84
27) 1,2-Dichloroethane	5.10	62	8967	0.786	ug/L	98
39) cis-1,3-Dichloropropene	7.03	75	12045	0.908	ug/L #	56
48) 2-Hexanone	8.14	43	49893	5.572	ug/L #	37
59) 1,2,3-Trichloropropane	11.29	75	54202	4.895	ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	11047	0.634	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	12202	0.966	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	8944	0.844	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.79	180	12041	1.060	ug/L	98

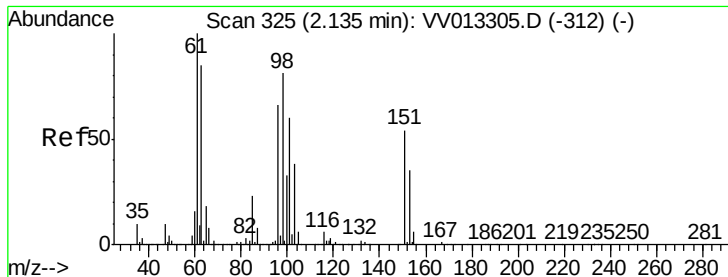
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.036 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013307.D

Acq: 23 Oct 2019 20:36

Instrument :

MSVOA_V

ClientSampled :

C0045

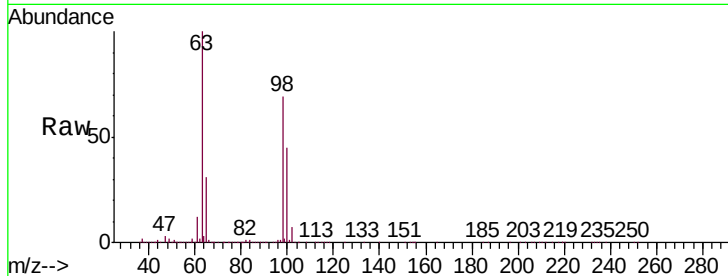
Tgt Ion: 101 Resp: 6590

Ion Ratio Lower Upper

101 100

85 14.4 31.4 47.2#

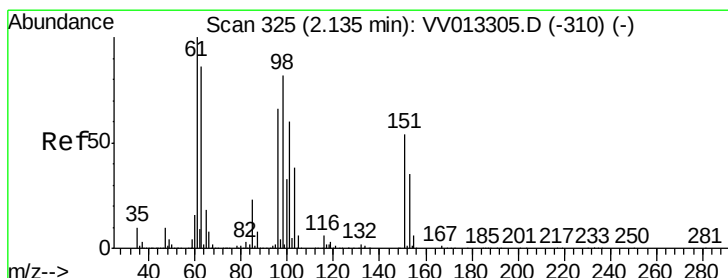
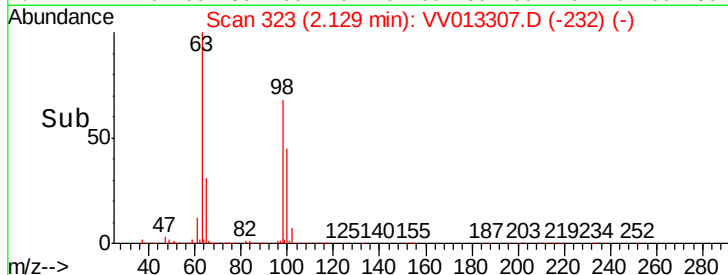
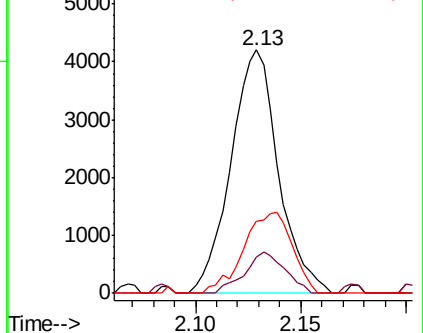
151 34.0 74.6 112.0#



Abundance Ion 101.00 (100.70 to 101.70): VV013307.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV013307.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV013307.D (-232) (-)



#12

1,1-Dichloroethene

Concen: 0.891 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013307.D

Acq: 23 Oct 2019 20:36

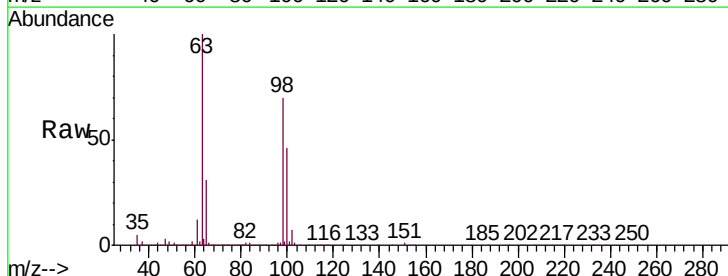
Tgt Ion: 96 Resp: 5464

Ion Ratio Lower Upper

96 100

61 901.5 103.3 191.8#

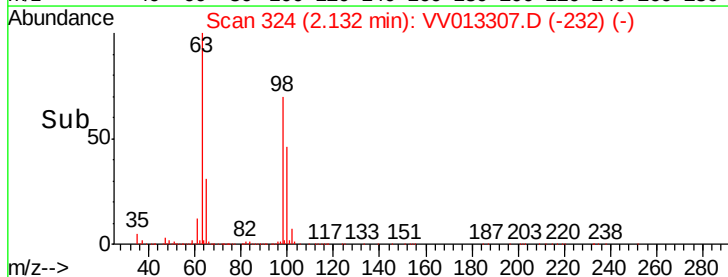
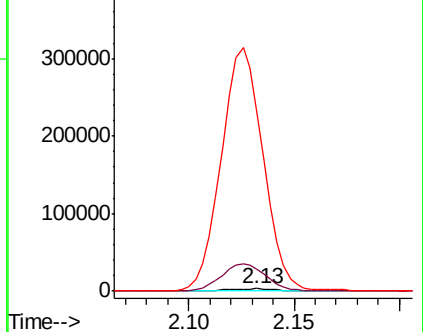
63 7563.4 74.8 138.8#

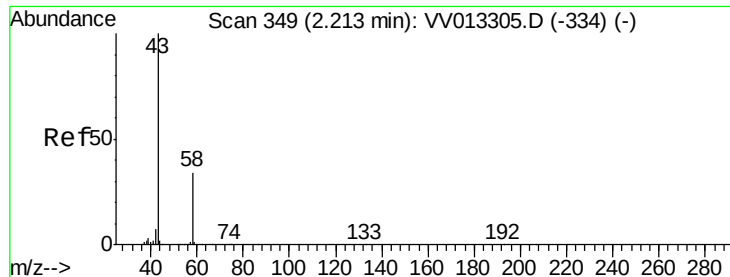


Abundance Ion 96.00 (95.70 to 96.70): VV013307.D (-232) (-)

Ion 61.00 (60.70 to 61.70): VV013307.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV013307.D (-232) (-)





#13

Acetone

Concen: 1.999 ug/L

RT: 2.25 min Scan# 361

Delta R.T. 0.04 min

Lab File: VV013307.D

Acq: 23 Oct 2019 20:36

Instrument :

MSVOA_V

ClientSampleId :

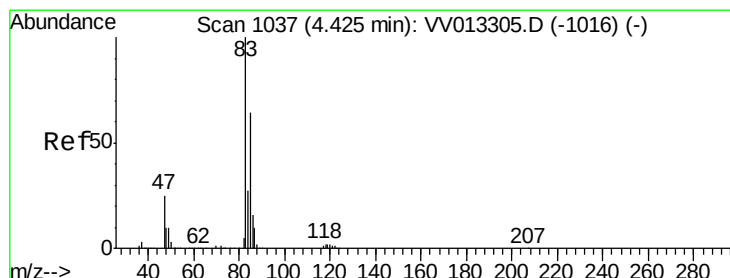
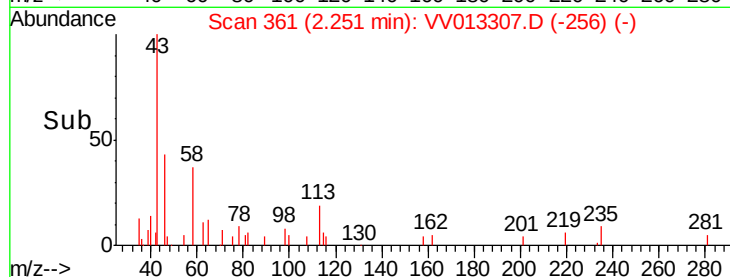
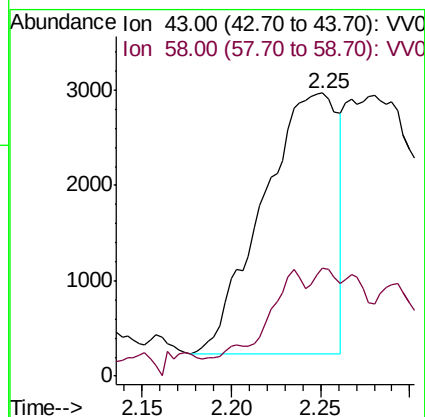
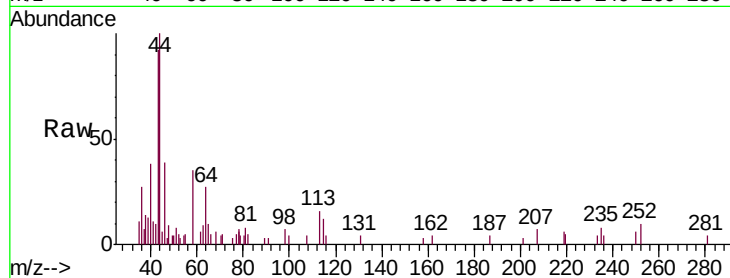
C0045

Tgt Ion: 43 Resp: 7944

Ion Ratio Lower Upper

43 100

58 11.2 0.0 64.0



#25

Chloroform

Concen: 0.723 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013307.D

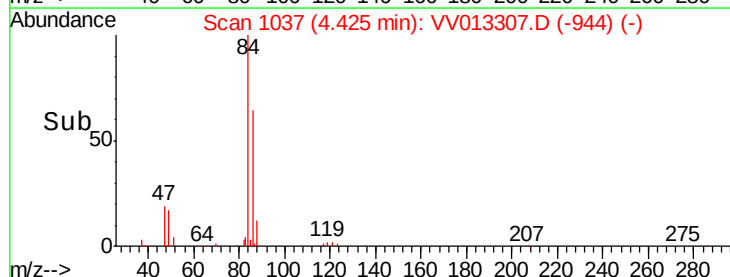
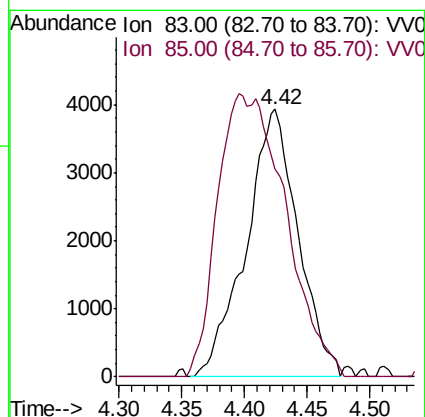
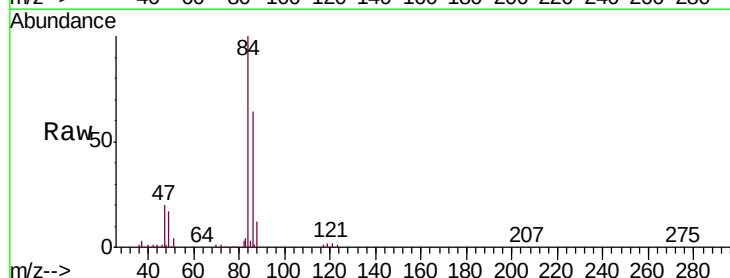
Acq: 23 Oct 2019 20:36

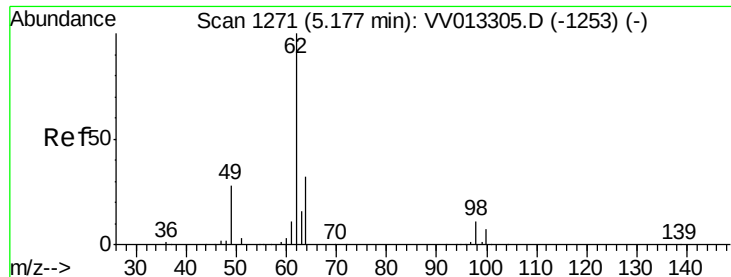
Tgt Ion: 83 Resp: 11314

Ion Ratio Lower Upper

83 100

85 77.8 45.8 85.0

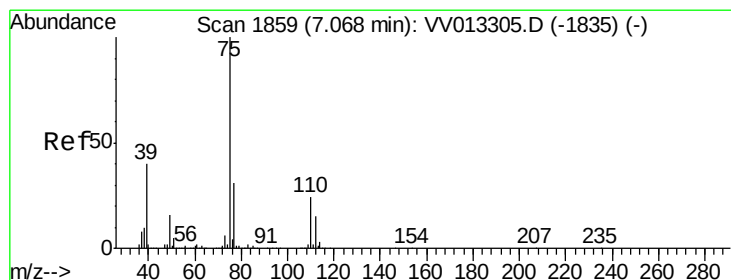
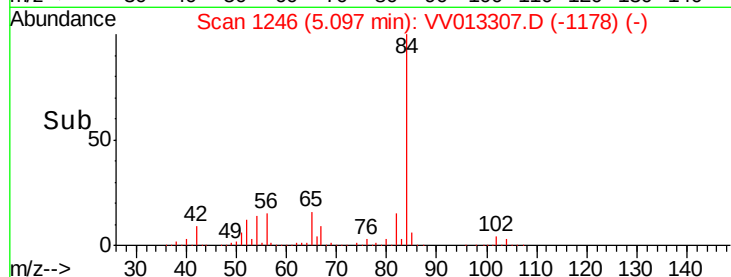
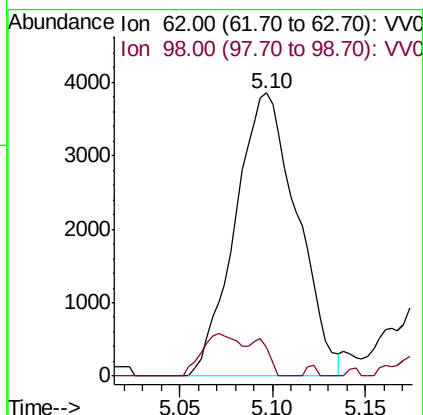
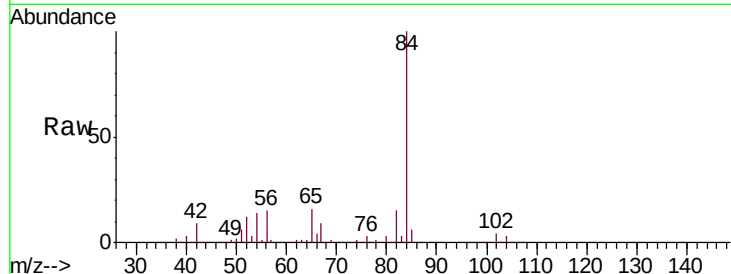




#27
 1,2-Dichloroethane
 Concen: 0.786 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV013307.D
 Acq: 23 Oct 2019 20:36

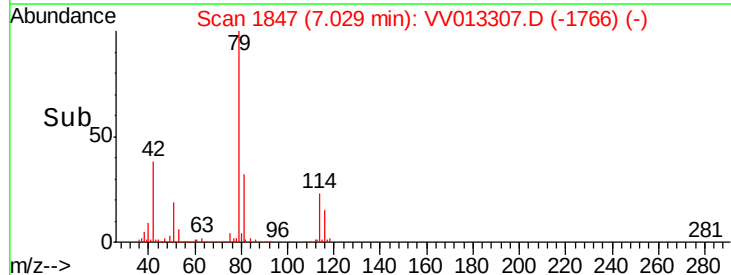
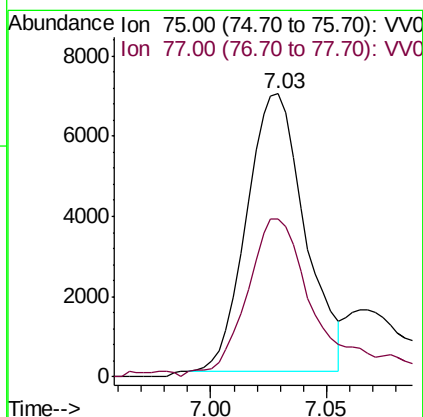
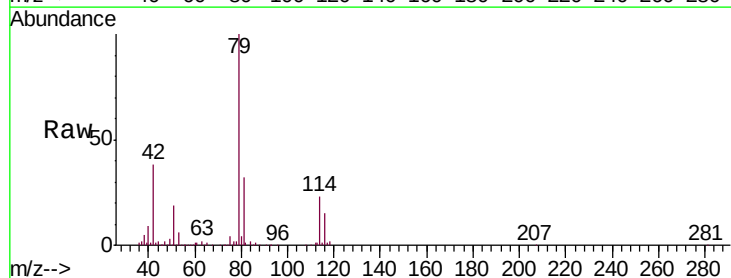
Instrument :
 MSVOA_V
 ClientSampled :
 C0045

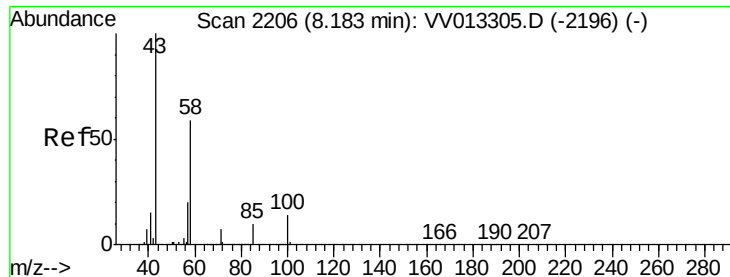
Tgt Ion: 62 Resp: 8967
 Ion Ratio Lower Upper
 62 100
 98 9.9 8.5 12.7



#39
 cis-1,3-Dichloropropene
 Concen: 0.908 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV013307.D
 Acq: 23 Oct 2019 20:36

Tgt Ion: 75 Resp: 12045
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.2 41.2#

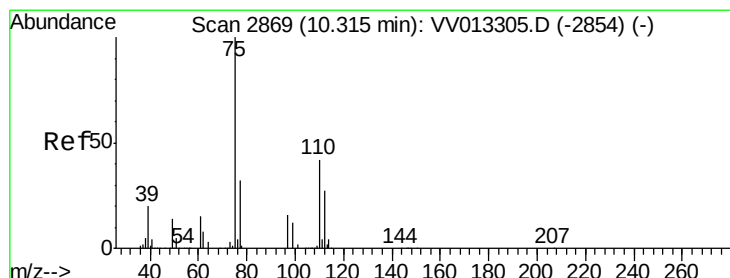
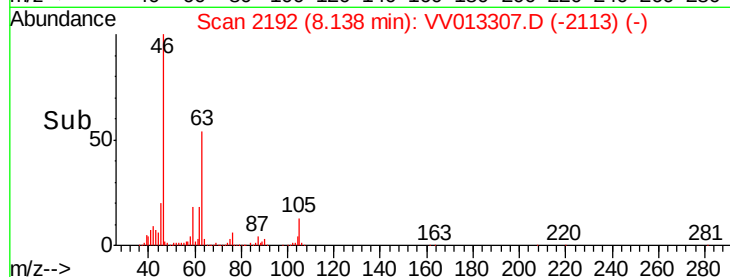
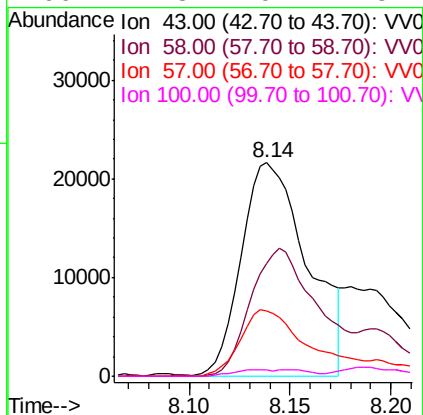
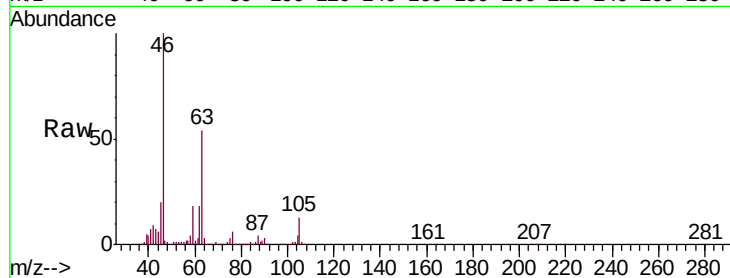




#48
 2-Hexanone
 Concen: 5.572 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV013307.D
 Acq: 23 Oct 2019 20:36

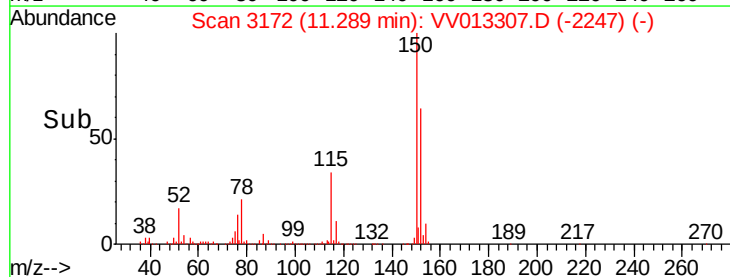
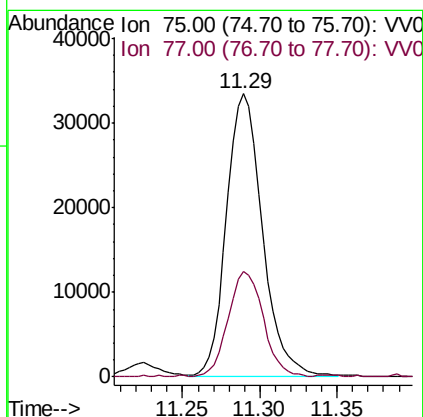
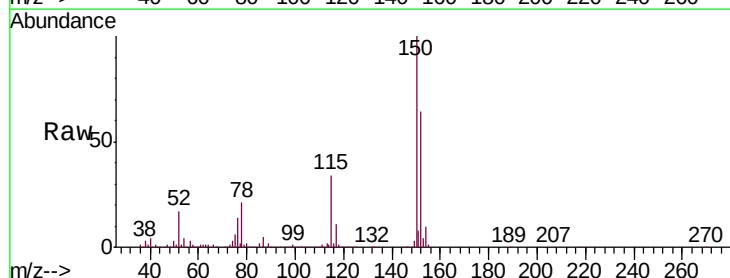
Instrument :
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 ClientSampleId :
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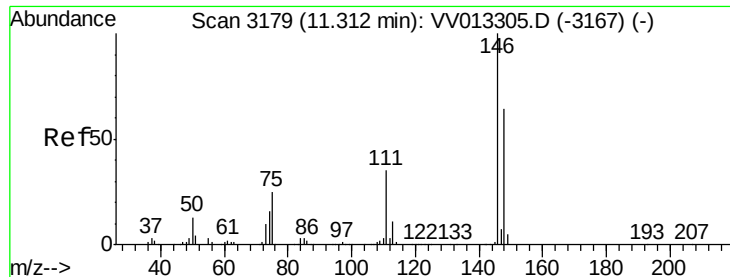
Tgt Ion: 43 Resp: 49893
 Ion Ratio Lower Upper
 43 100
 58 0.0 47.0 70.6#
 57 32.1 13.8 20.8#
 100 1.8 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.895 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.97 min
 Lab File: VV013307.D
 Acq: 23 Oct 2019 20:36

Tgt Ion: 75 Resp: 54202
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.7 38.5

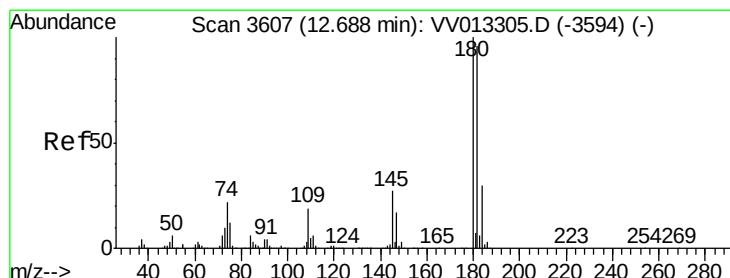
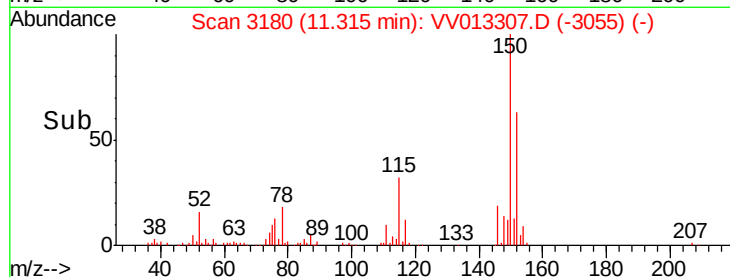
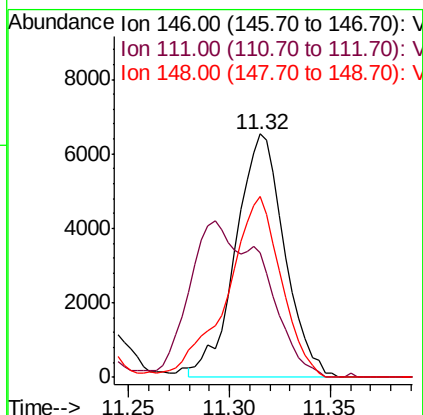
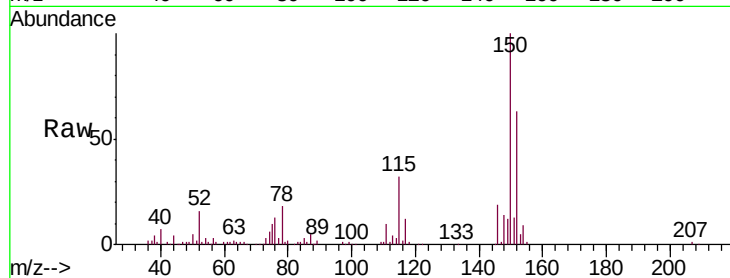




#63
 1,4-Dichlorobenzene
 Concen: 0.634 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013307.D
 Acq: 23 Oct 2019 20:36

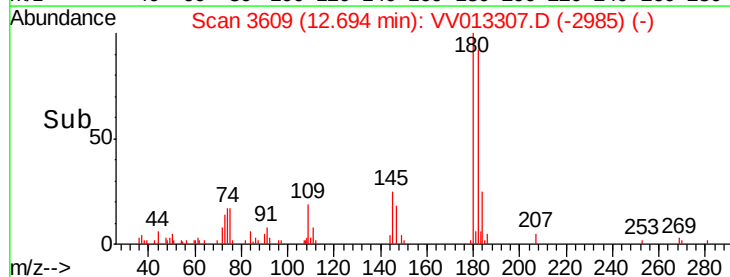
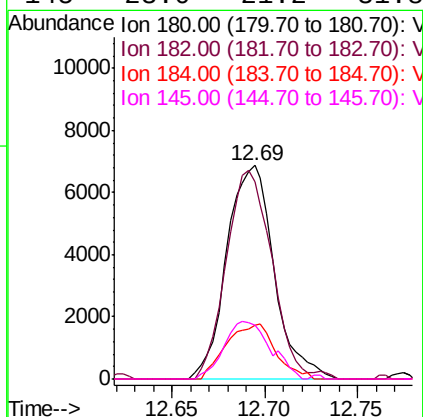
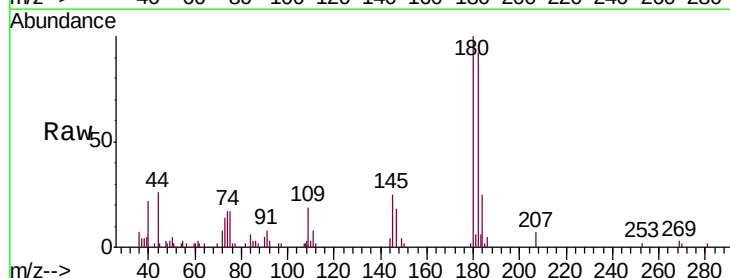
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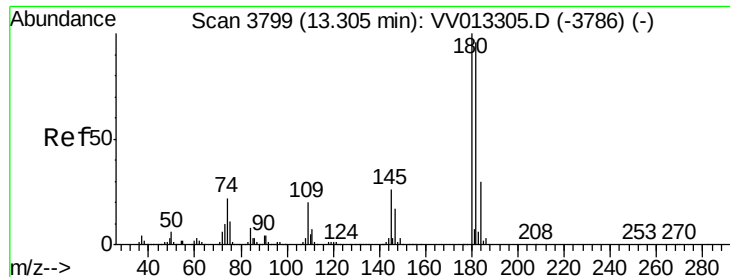
Tgt Ion:146 Resp: 11047
 Ion Ratio Lower Upper
 146 100
 111 51.3 24.5 45.5#
 148 74.4 45.0 83.6



#67
 1,3,5-Trichlorobenzene
 Concen: 0.966 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.01 min
 Lab File: VV013307.D
 Acq: 23 Oct 2019 20:36

Tgt Ion:180 Resp: 12202
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.3 114.5
 184 26.8 24.8 37.2
 145 23.0 21.2 31.8

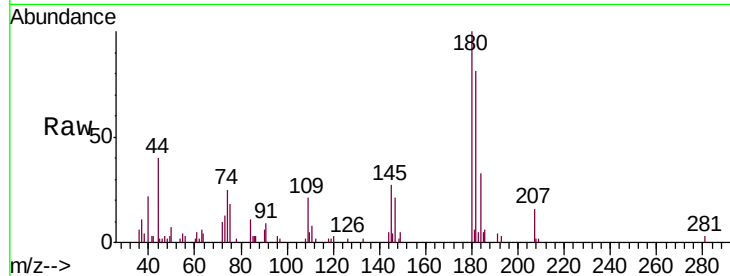




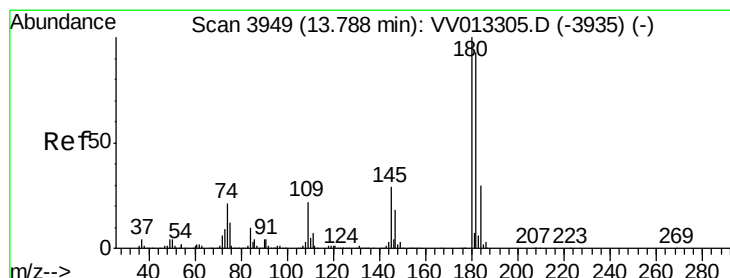
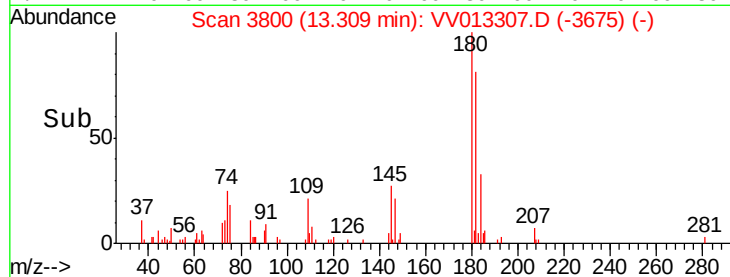
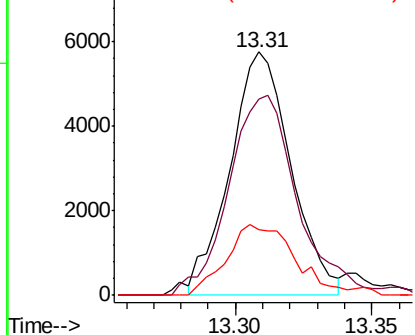
#68
 1,2,4-trichlorobenzene
 Concen: 0.844 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013307.D
 Acq: 23 Oct 2019 20:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0045

Tgt Ion:180 Resp: 8944
 Ion Ratio Lower Upper
 180 100
 182 91.8 77.3 115.9
 145 20.0 21.7 32.5#

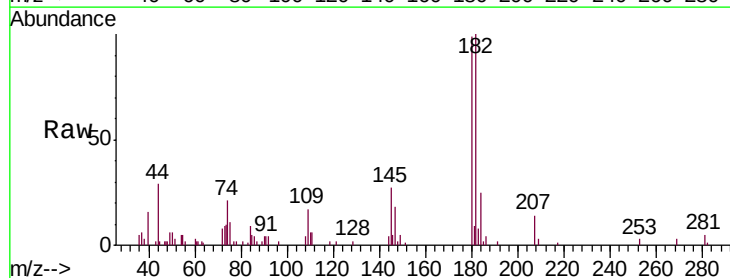


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 1.060 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013307.D
 Acq: 23 Oct 2019 20:36

Tgt Ion:180 Resp: 12041
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.0 115.6
 145 27.2 23.4 35.2



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

