

Data File : VV013309.D
Acq On : 23 Oct 2019 21:22
Operator : SY/MD
Sample : K5395-18
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0051

Quant Time: Oct 24 04:21:33 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	1227878	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1193581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	536852	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	364429	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.54%
7) Chloroethane-d5	1.58	69	303070	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.48%
11) 1,1-Dichloroethene-d2	2.13	63	447923	37.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.22%
21) 2-Butanone-d5	3.95	46	411514	75.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.46%
24) Chloroform-d	4.40	84	806755	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
26) 1,2-Dichloroethane-d4	5.08	65	494790	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.10	84	1676921	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
36) 1,2-Dichloropropane-d6	6.12	67	520796	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.54%
41) Toluene-d8	7.36	98	1477650	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	223996	44.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.22%
47) 2-Hexanone-d5	8.13	63	272541	79.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	669636	44.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.04%
64) 1,2-Dichlorobenzene-d4	11.67	152	622889	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

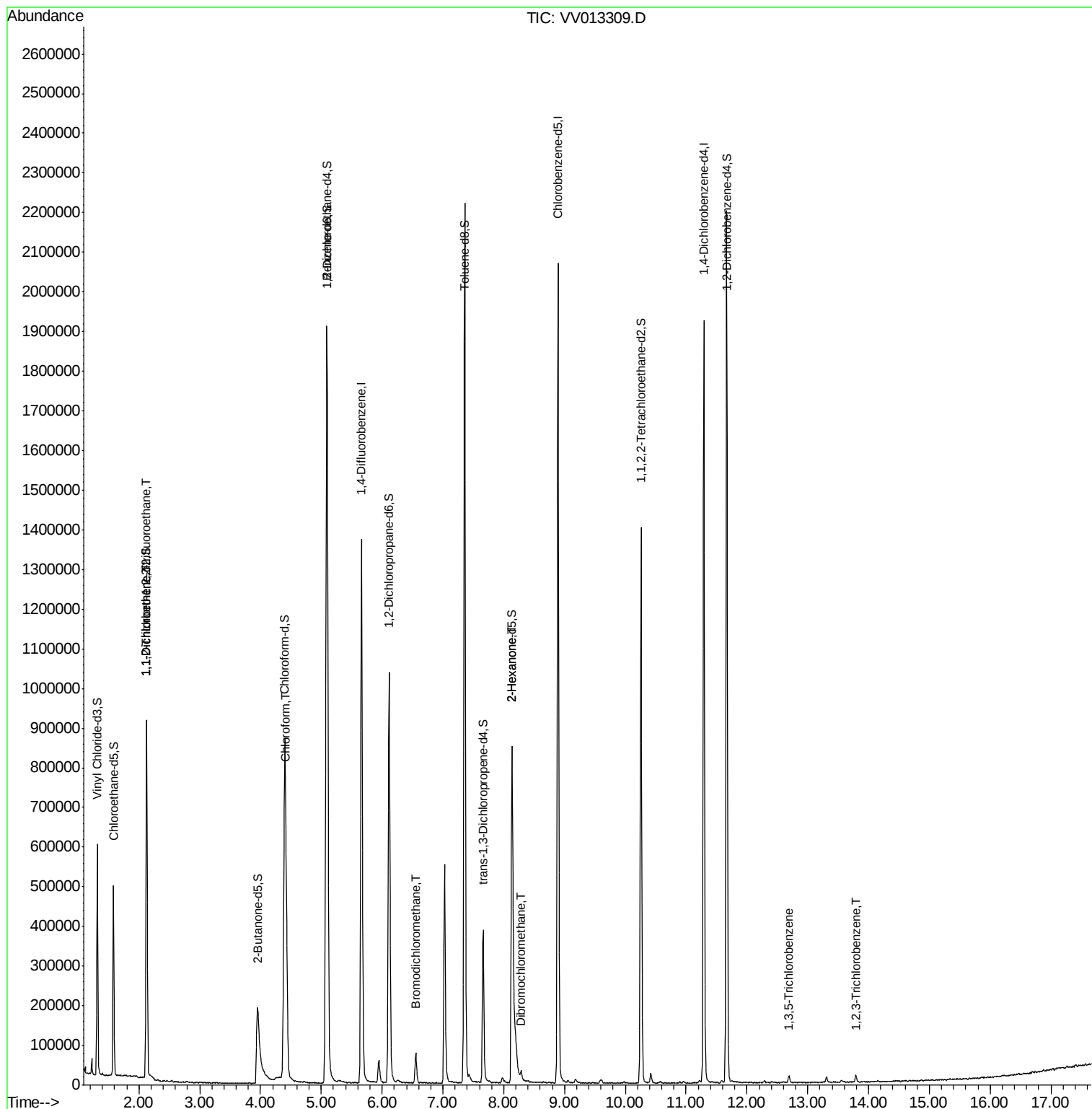
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5326	0.825 ug/L #	15
12) 1,1-Dichloroethene	2.13	96	4815	0.775 ug/L #	1
25) Chloroform	4.42	83	326241	20.566 ug/L	99
38) Bromodichloromethane	6.55	83	52010	4.325 ug/L	99
48) 2-Hexanone	8.14	43	41670	4.524 ug/L #	84
49) Dibromochloromethane	8.29	129	9230	0.906 ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	5801	0.444 ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	6289	0.536 ug/L	98

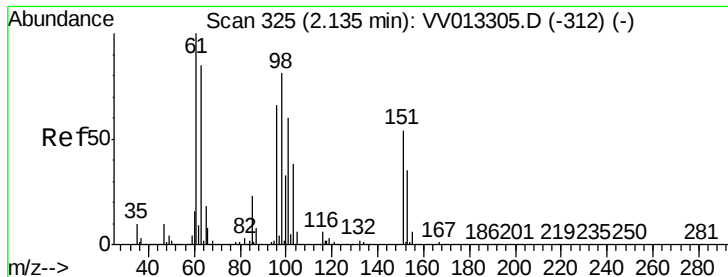
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.825 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013309.D

Acq: 23 Oct 2019 21:22

Instrument :

MSVOA_V

ClientSampleId :

C0051

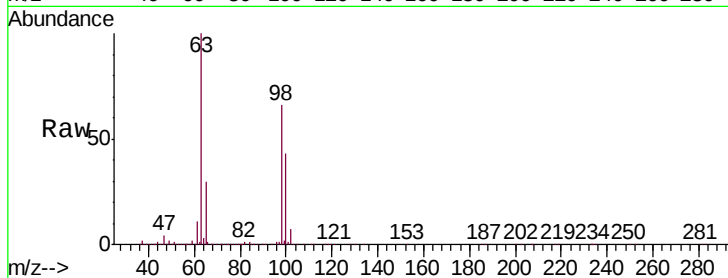
Tgt Ion: 101 Resp: 5326

Ion Ratio Lower Upper

101 100

85 5.4 31.4 47.2#

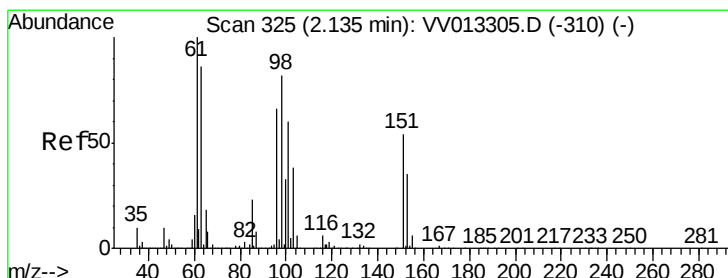
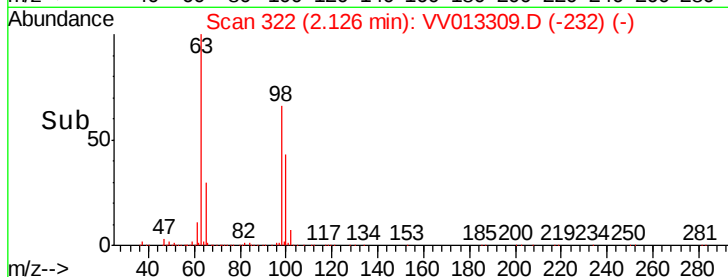
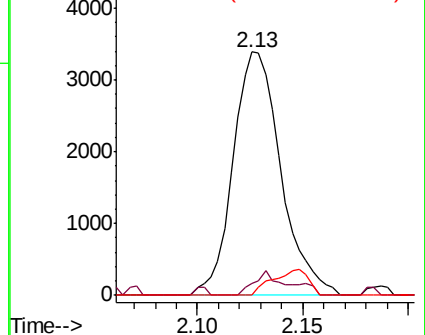
151 0.0 74.6 112.0#



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



#12

1,1-Dichloroethene

Concen: 0.775 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013309.D

Acq: 23 Oct 2019 21:22

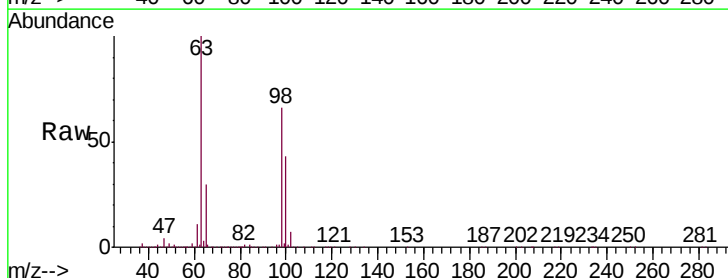
Tgt Ion: 96 Resp: 4815

Ion Ratio Lower Upper

96 100

61 1154.3 103.3 191.8#

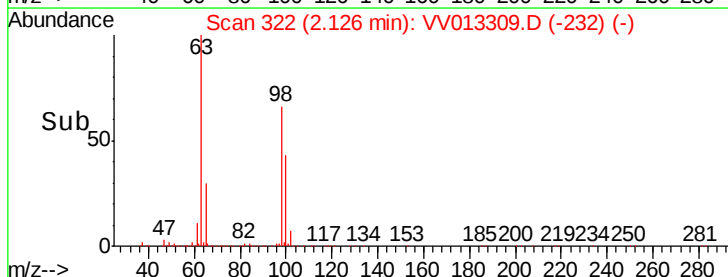
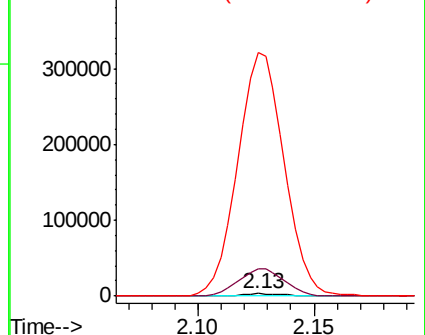
63 10313.2 74.8 138.8#

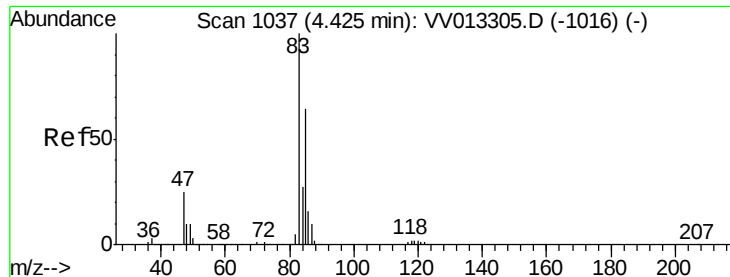


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#25

Chloroform

Concen: 20.566 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

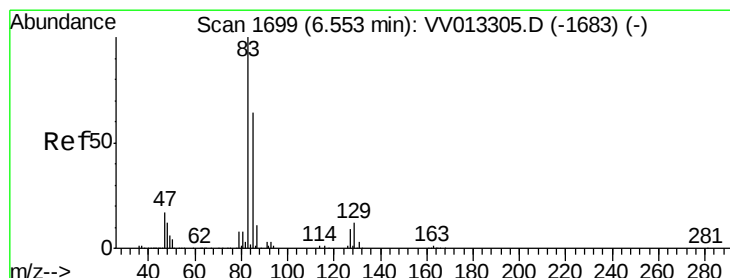
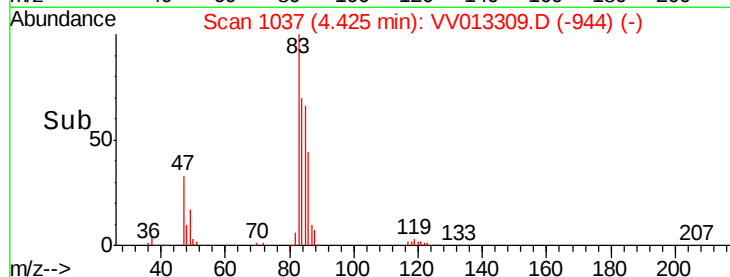
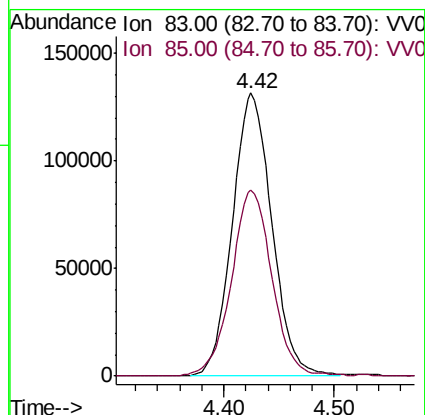
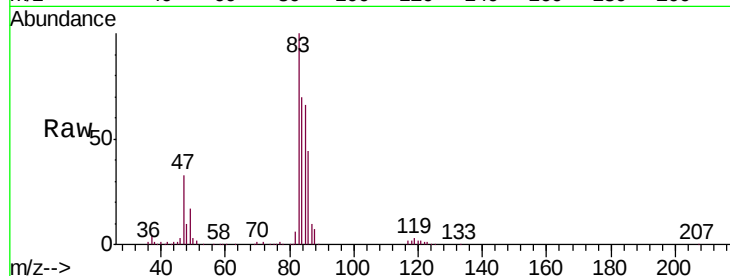
C0051

Tgt Ion: 83 Resp: 326241

Ion Ratio Lower Upper

83 100

85 65.9 45.8 85.0



#38

Bromodichloromethane

Concen: 4.325 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV013309.D

Acq: 23 Oct 2019 21:22

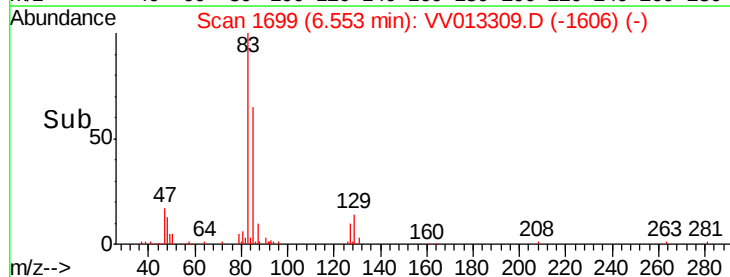
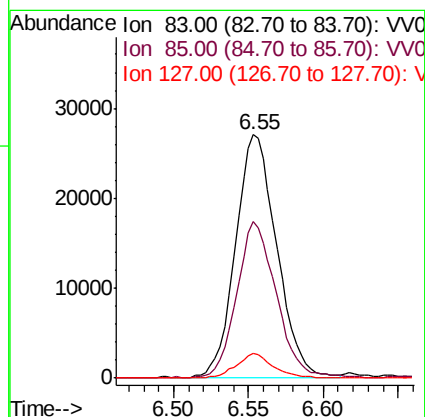
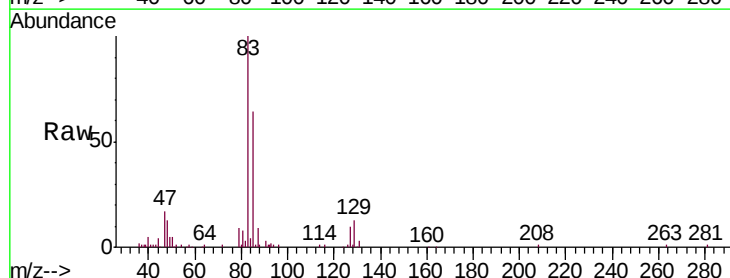
Tgt Ion: 83 Resp: 52010

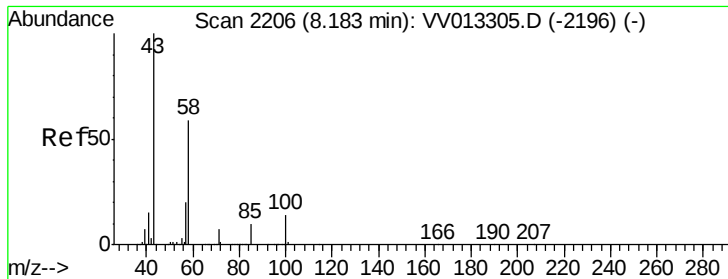
Ion Ratio Lower Upper

83 100

85 64.1 44.6 82.8

127 10.1 7.4 11.2

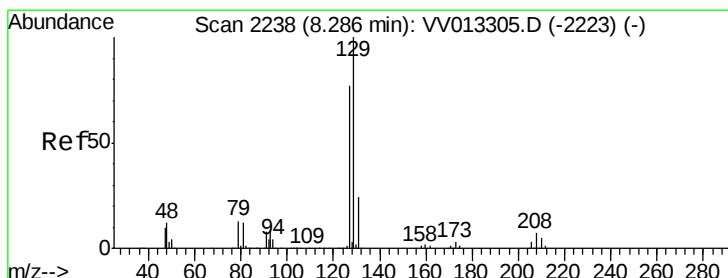
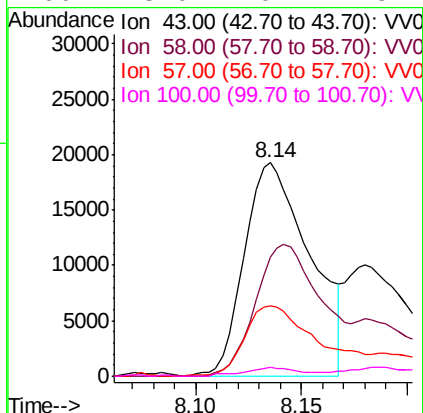
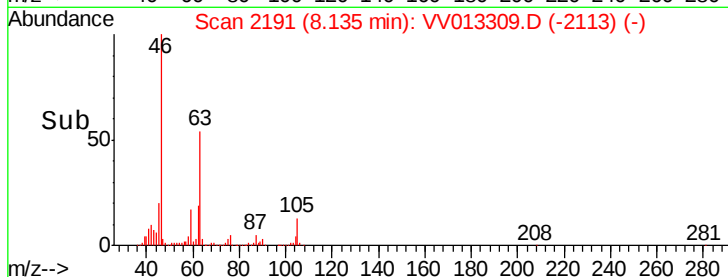
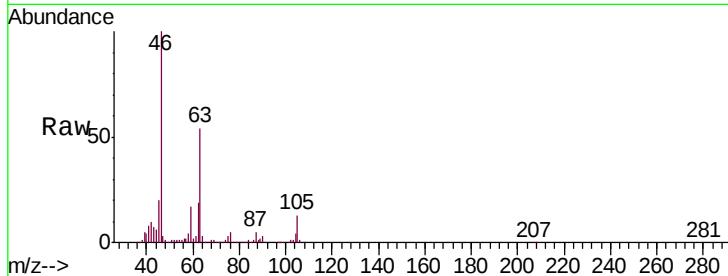




#48
2-Hexanone
Concen: 4.524 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013309.D
Acq: 23 Oct 2019 21:22

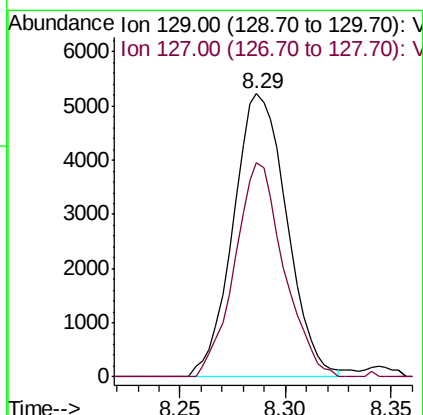
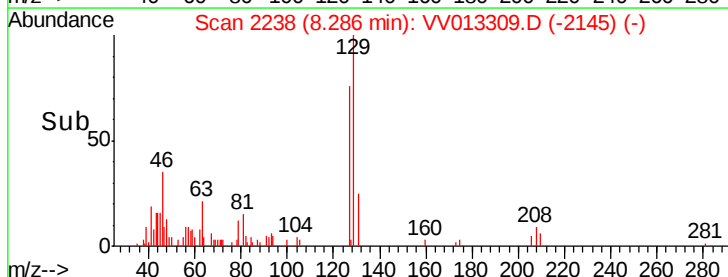
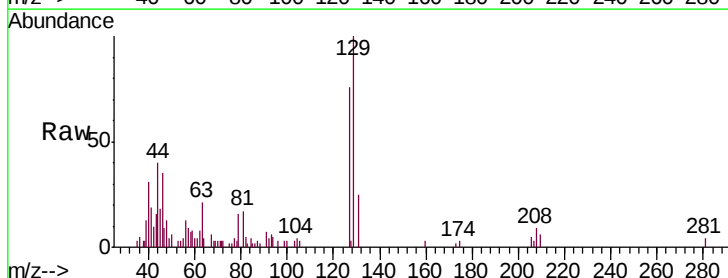
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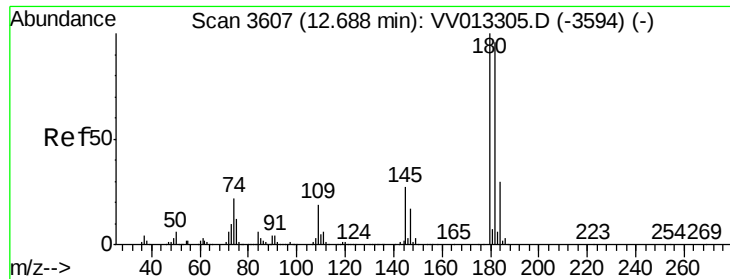
Tgt Ion: 43 Resp: 41670
Ion Ratio Lower Upper
43 100
58 63.9 47.0 70.6
57 35.6 13.8 20.8#
100 3.0 10.2 15.4#



#49
Dibromochloromethane
Concen: 0.906 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013309.D
Acq: 23 Oct 2019 21:22

Tgt Ion: 129 Resp: 9230
Ion Ratio Lower Upper
129 100
127 78.2 54.7 101.5

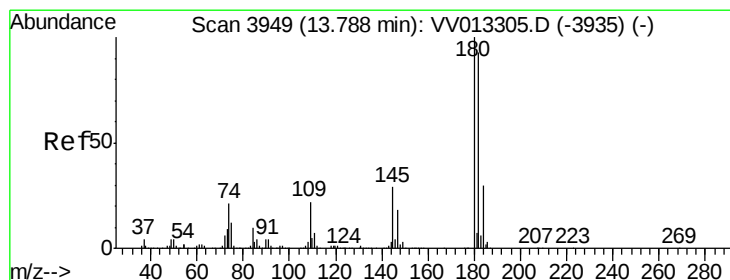
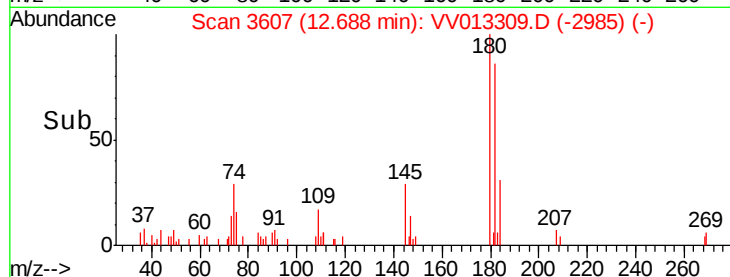
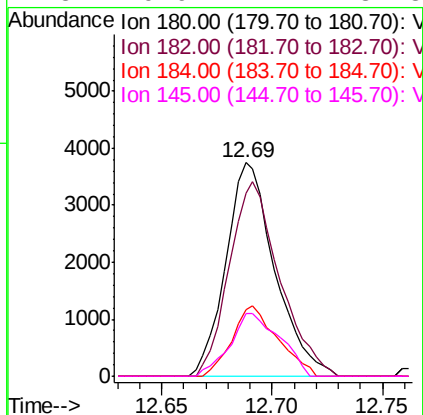
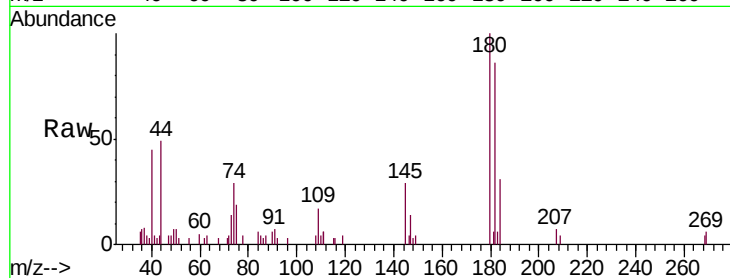




#67
 1,3,5-Trichlorobenzene
 Concen: 0.444 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV013309.D
 Acq: 23 Oct 2019 21:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0051

Tgt Ion:	180	Resp:	5801
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.3	114.5
184	30.7	24.8	37.2
145	29.9	21.2	31.8



#70
 1,2,3-Trichlorobenzene
 Concen: 0.536 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013309.D
 Acq: 23 Oct 2019 21:22

Tgt Ion:	180	Resp:	6289
Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.6
145	30.2	23.4	35.2

