

Data File : VV014477.D
Acq On : 01 Feb 2020 02:08
Operator : SY/MD
Sample : L1323-14 10X
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT52

Quant Time: Feb 01 02:42:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	451296	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	419703	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	207601	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104064	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.04%
7) Chloroethane-d5	1.57	69	72005	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.42%
11) 1,1-Dichloroethene-d2	2.13	63	116955	34.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.90%
21) 2-Butanone-d5	3.92	46	186569	110.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.63%
24) Chloroform-d	4.40	84	231033	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
26) 1,2-Dichloroethane-d4	5.08	65	153744	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
32) Benzene-d6	5.10	84	507962	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
36) 1,2-Dichloropropane-d6	6.11	67	162648	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.04%
41) Toluene-d8	7.36	98	475079	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.66	79	82431	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
47) 2-Hexanone-d5	8.13	63	155465	113.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.65%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	202018	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.67	152	178197	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%

Target Compounds

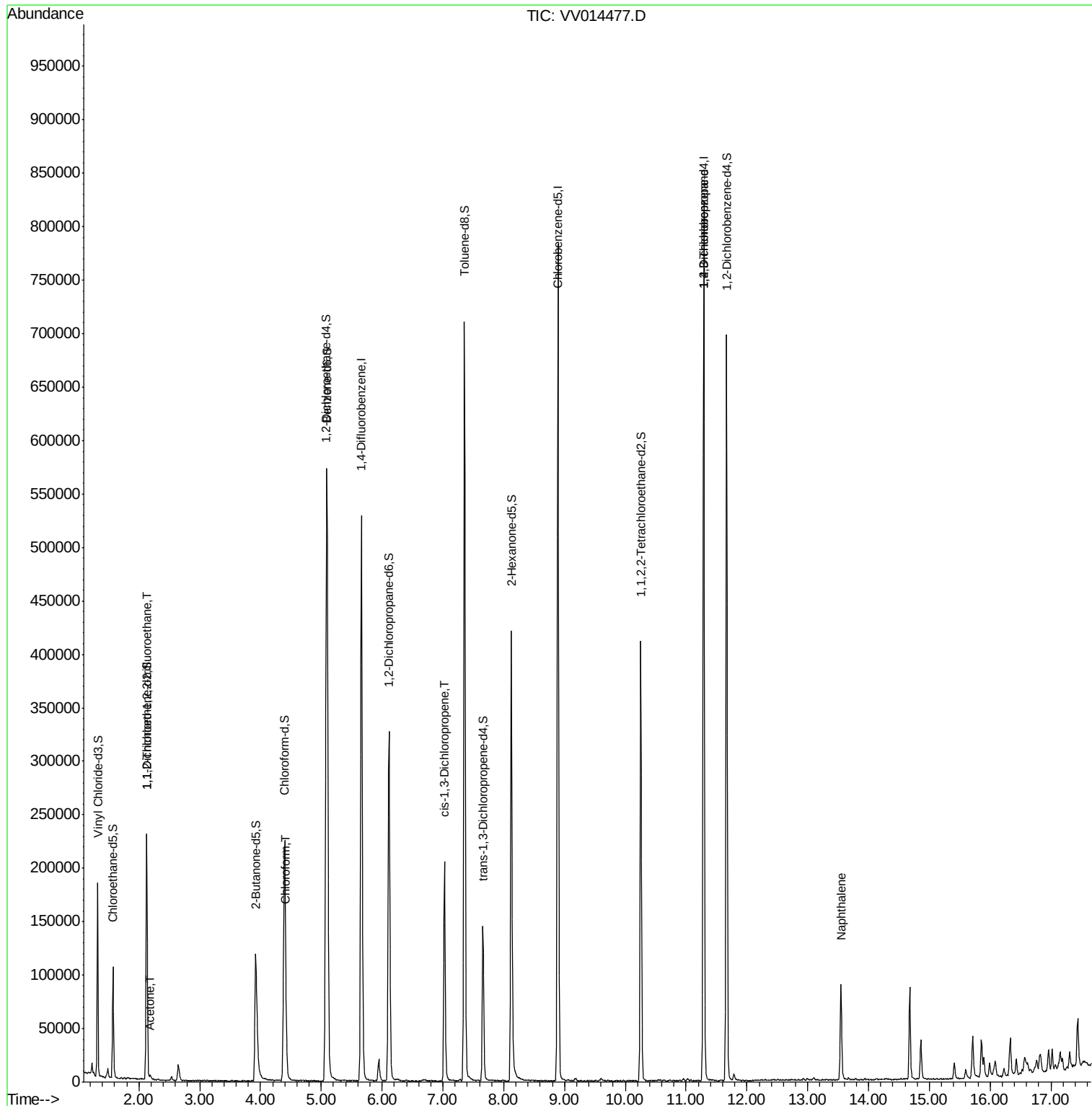
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1232	0.721	ug/L #	22
13) Acetone	2.19	43	2730	1.897	ug/L	91
25) Chloroform	4.42	83	9329	1.705	ug/L	93
39) cis-1,3-Dichloropropene	7.03	75	4717	0.927	ug/L #	61
59) 1,2,3-Trichloropropane	11.29	75	25138	6.873	ug/L	91
69) Naphthalene	13.55	128	72517	5.860	ug/L	99

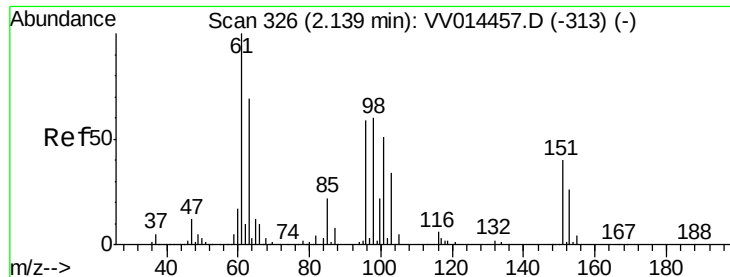
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.721 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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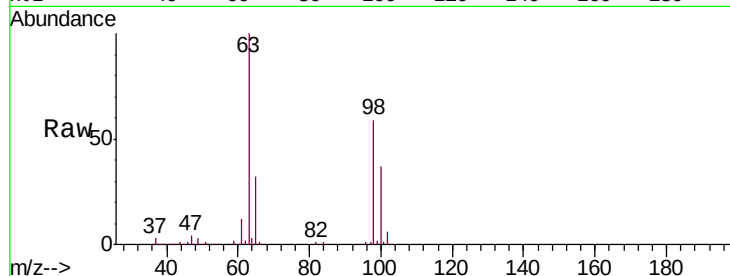
Tgt Ion: 101 Resp: 1232

Ion Ratio Lower Upper

101 100

85 5.4 34.6 51.8#

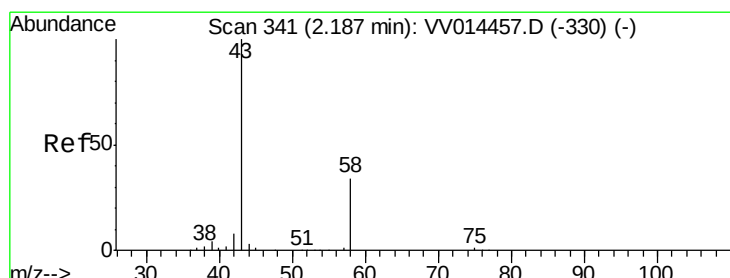
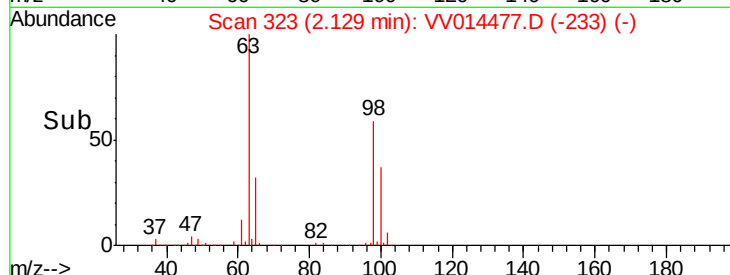
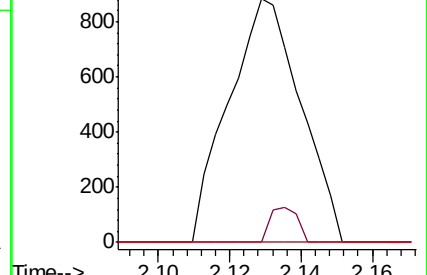
151 0.0 61.2 91.8#



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



#13

Acetone

Concen: 1.897 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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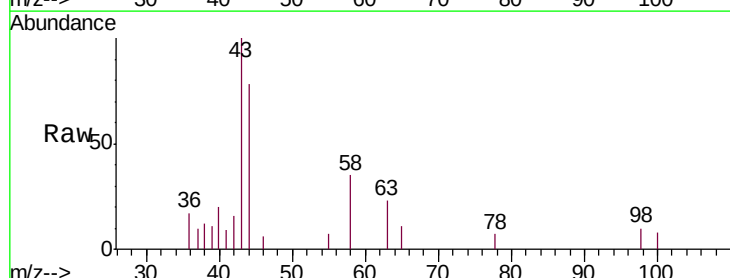
Acq: 01 Feb 2020 02:08

Tgt Ion: 43 Resp: 2730

Ion Ratio Lower Upper

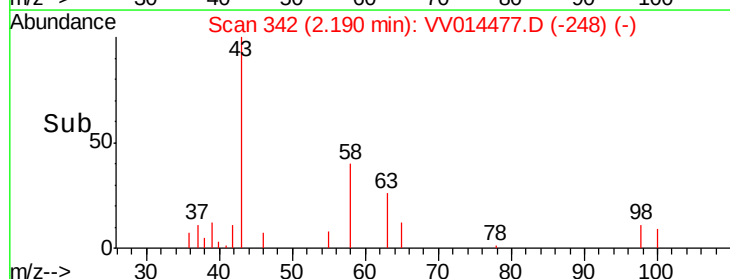
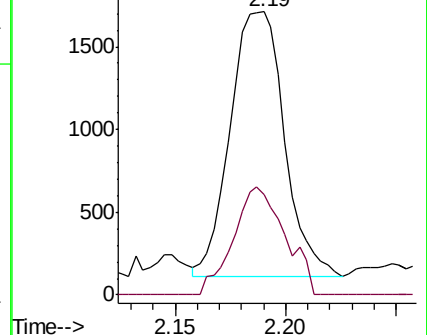
43 100

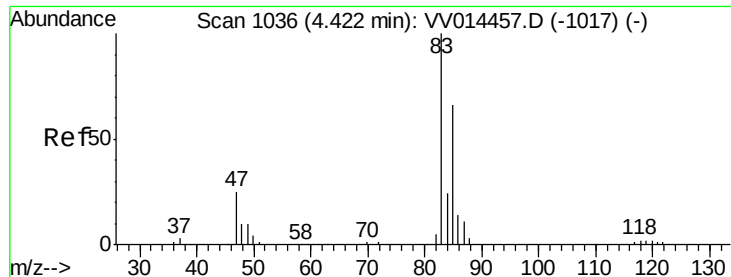
58 35.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

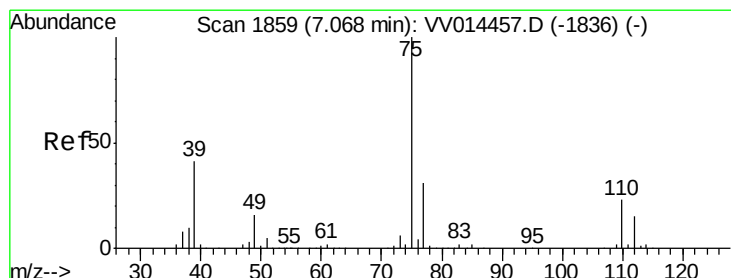
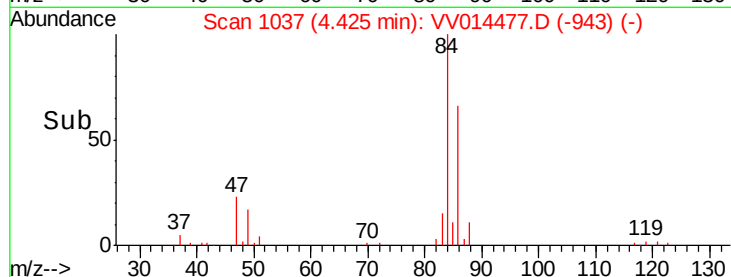
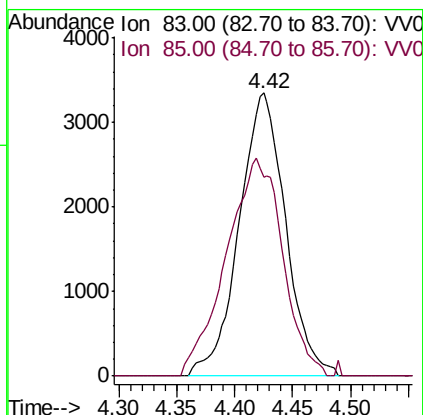
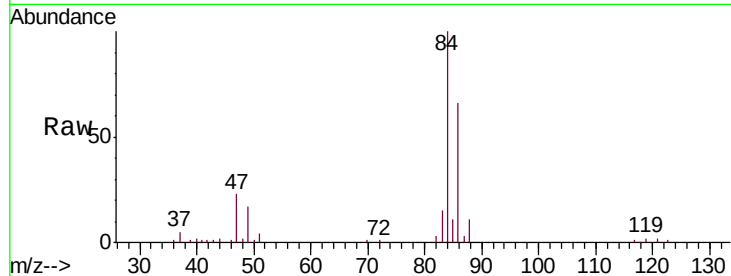




#25
Chloroform
Concen: 1.705 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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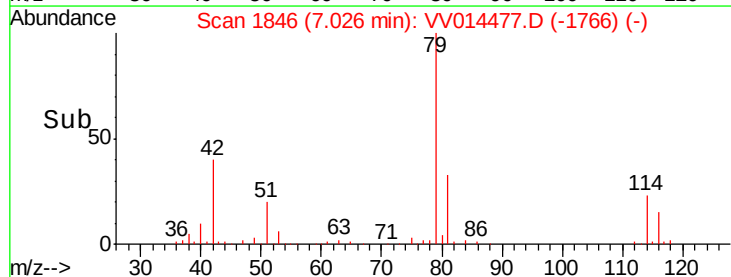
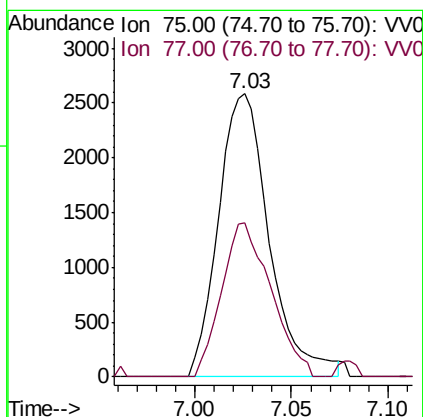
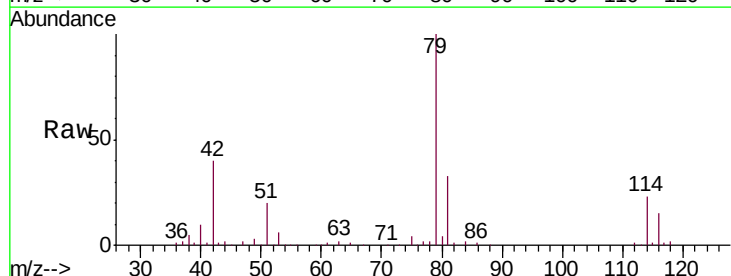
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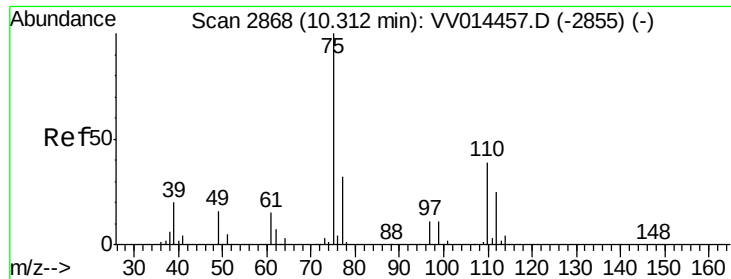
Tgt Ion: 83 Resp: 9329
Ion Ratio Lower Upper
83 100
85 70.2 45.1 83.7



#39
cis-1,3-Dichloropropene
Concen: 0.927 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014477.D
Acq: 01 Feb 2020 02:08

Tgt Ion: 75 Resp: 4717
Ion Ratio Lower Upper
75 100
77 54.2 22.7 42.3#

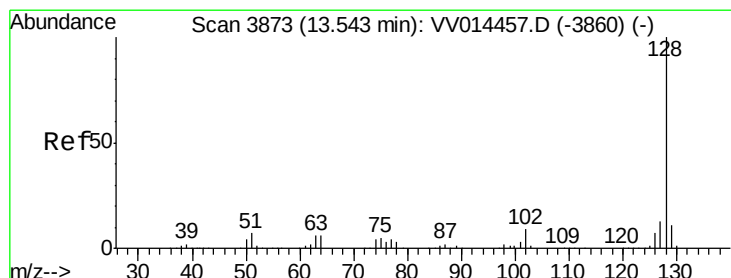
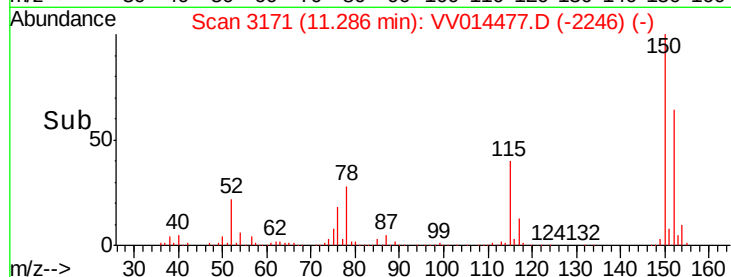
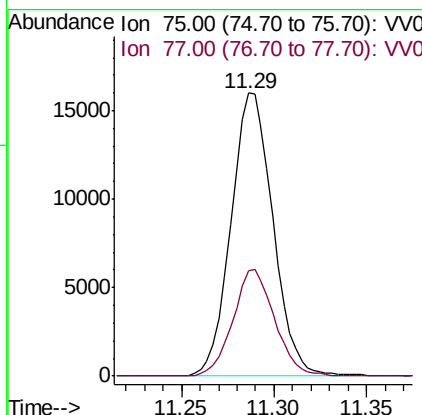
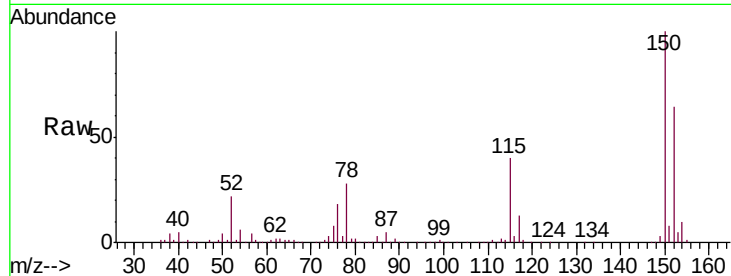




#59
 1,2,3-Trichloropropane
 Concen: 6.873 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014477.D
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Instrument :
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 GAT52

Tgt Ion: 75 Resp: 25138
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.9 38.9



#69
 Naphthalene
 Concen: 5.860 ug/L
 RT: 13.55 min Scan# 3874
 Delta R.T. 0.00 min
 Lab File: VV014477.D
 Acq: 01 Feb 2020 02:08

Tgt Ion: 128 Resp: 72517
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.4
 129 10.1 8.6 13.0

