

Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT67

Quant Time: Feb 01 02:41:08 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	441903	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	415179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	205781	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102296	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.58	69	72588	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.14%
11) 1,1-Dichloroethene-d2	2.13	63	118631	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.42%
21) 2-Butanone-d5	3.92	46	176362	106.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.80%
24) Chloroform-d	4.40	84	239075	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.08	65	154757	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.10	84	512958	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.11	67	162557	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.36	98	482981	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	7.66	79	82735	47.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.12%
47) 2-Hexanone-d5	8.13	63	149574	110.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.53%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	211672	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	183747	48.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.96%

Target Compounds

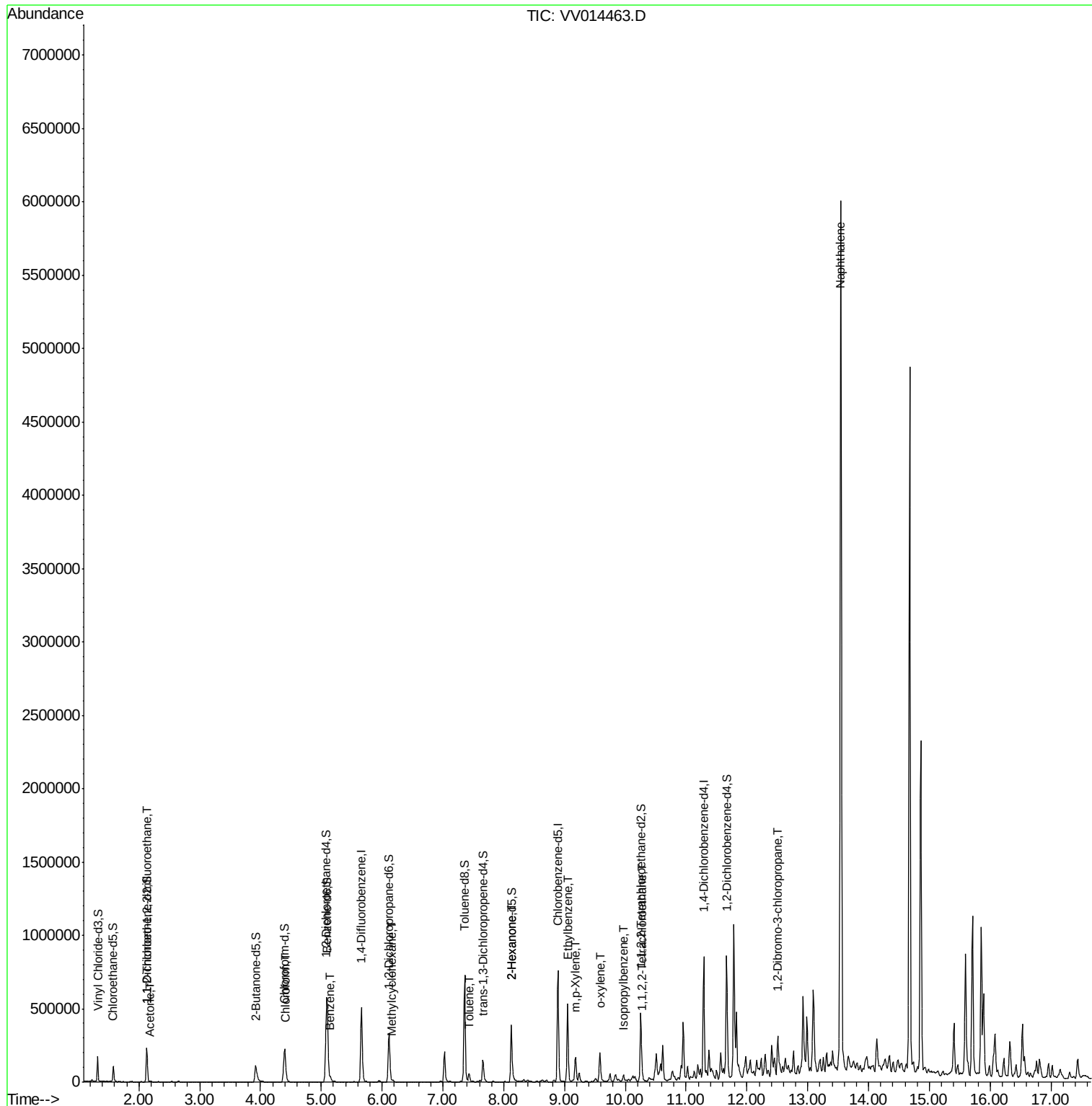
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1200	0.717 ug/L #	19
13) Acetone	2.19	43	2414	1.713 ug/L	89
25) Chloroform	4.43	83	4189	0.782 ug/L	96
33) Benzene	5.14	78	29268	2.389 ug/L	100
35) Methylcyclohexane	6.17	83	3486	0.678 ug/L	93
42) Toluene	7.43	91	42261	3.295 ug/L	98
48) 2-Hexanone	8.12	43	17535	6.057 ug/L #	59
52) Ethylbenzene	9.05	91	372723	25.896 ug/L	100
53) m,p-Xylene	9.18	106	45366	8.441 ug/L	98
54) o-xylene	9.58	106	51915	9.749 ug/L	98
56) Isopropylbenzene	9.97	105	26660	1.958 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	3620	0.783 ug/L #	48
66) 1,2-Dibromo-3-chloropropan	12.50	75	1275	1.282 ug/L #	3
69) Naphthalene	13.54	128	4515164	368.099 ug/L	99

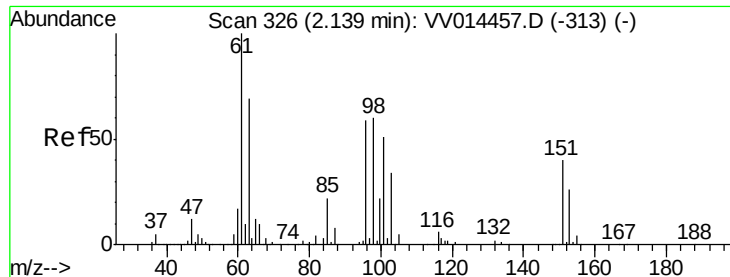
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.717 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

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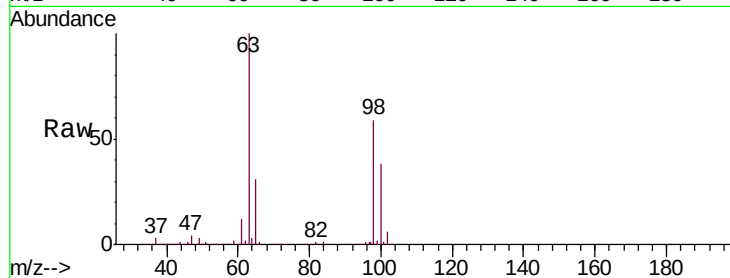
Tgt Ion: 101 Resp: 1200

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

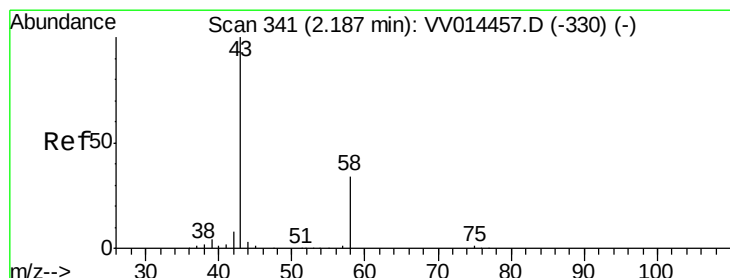
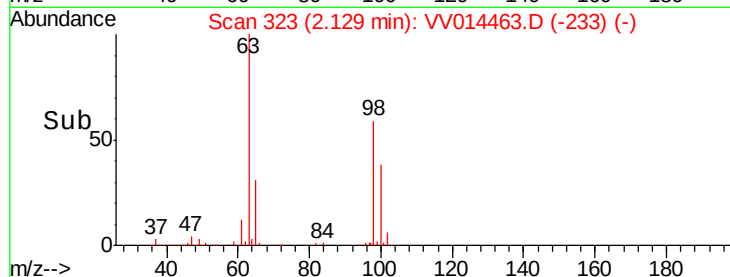
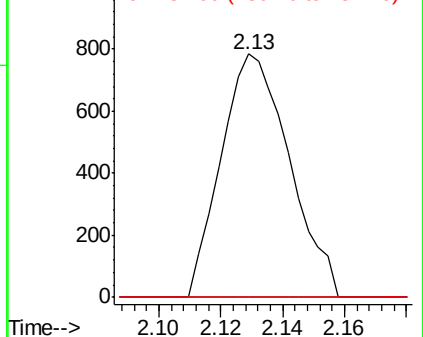
151 0.0 61.2 91.8#



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: 1.713 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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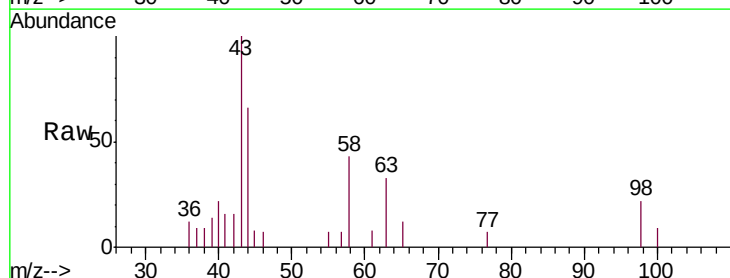
Acq: 31 Jan 2020 20:35

Tgt Ion: 43 Resp: 2414

Ion Ratio Lower Upper

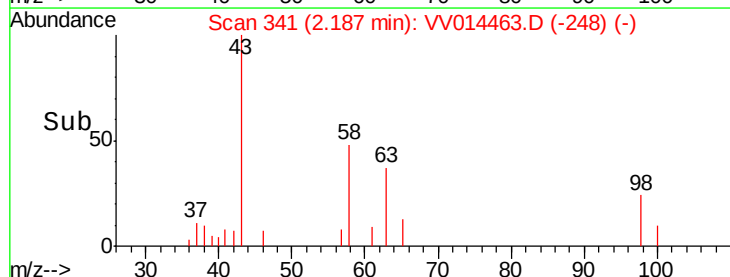
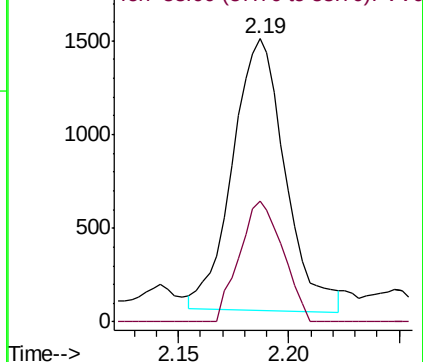
43 100

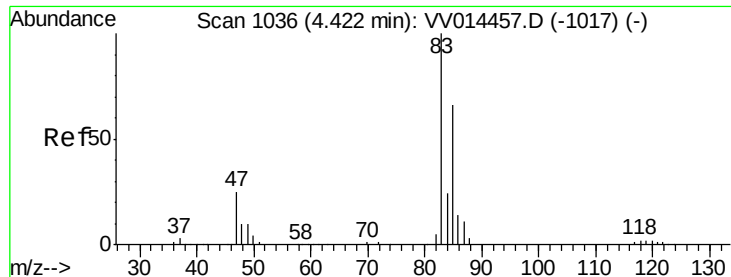
58 36.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

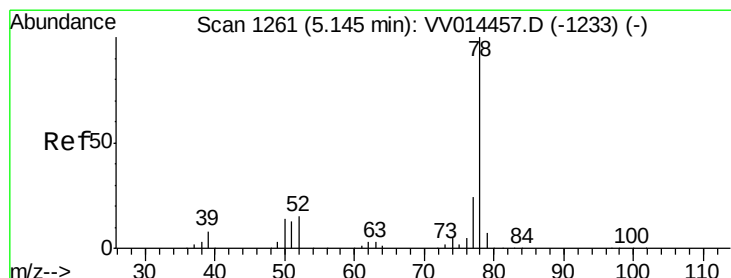
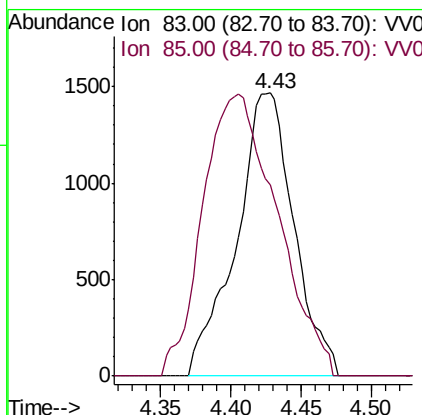
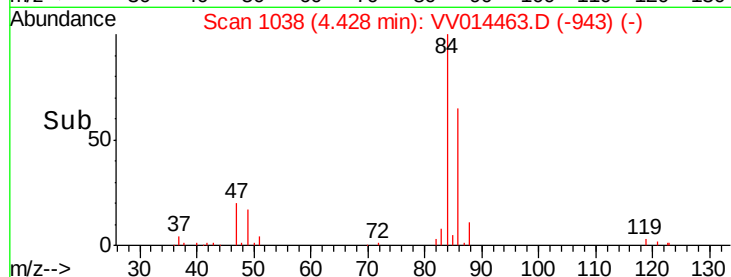
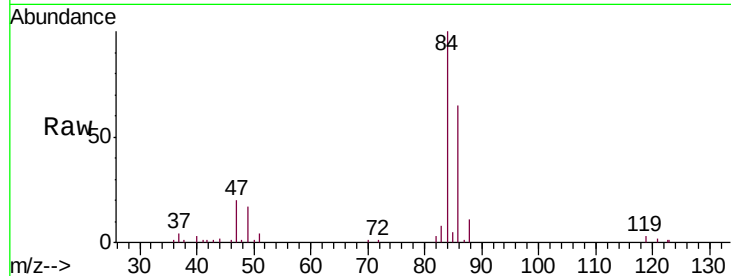




#25
Chloroform
Concen: 0.782 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

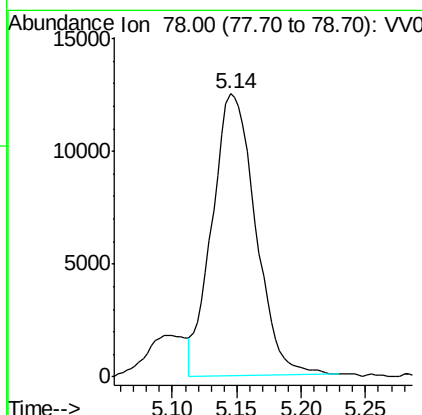
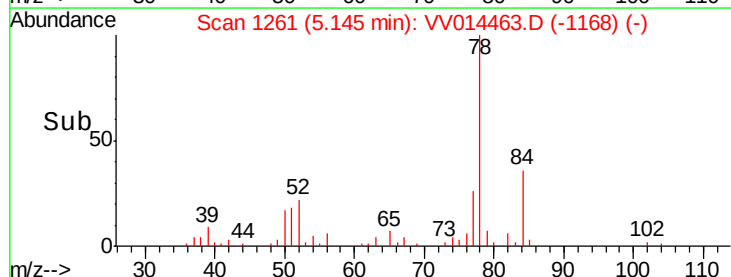
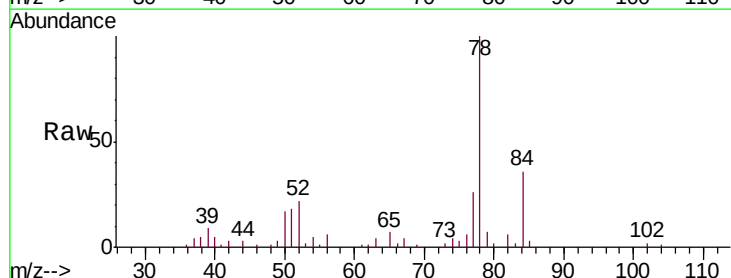
Instrument :
MSVOA_V
ClientSampleId :
GAT67

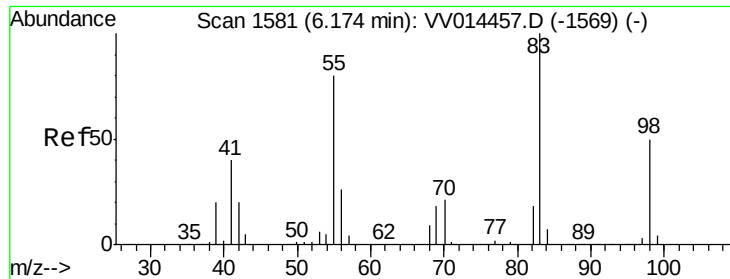
Tgt Ion: 83 Resp: 4189
Ion Ratio Lower Upper
83 100
85 67.7 45.1 83.7



#33
Benzene
Concen: 2.389 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Tgt Ion: 78 Resp: 29268

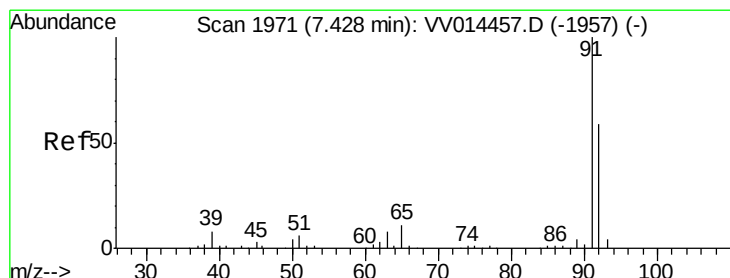
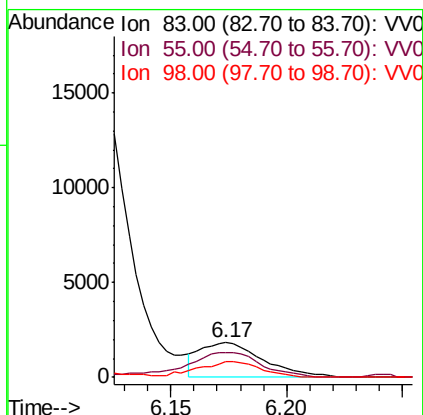
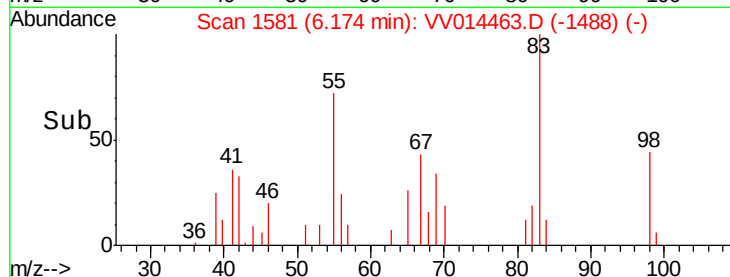
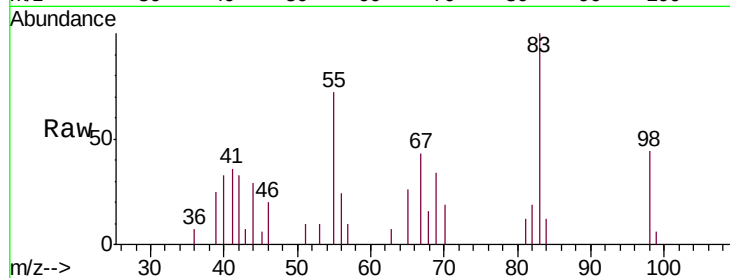




#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

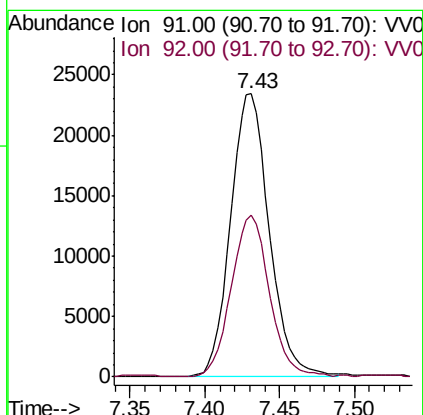
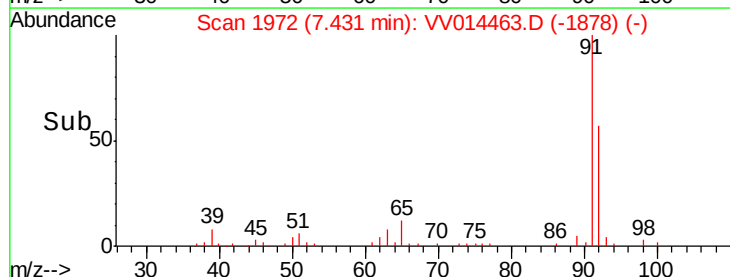
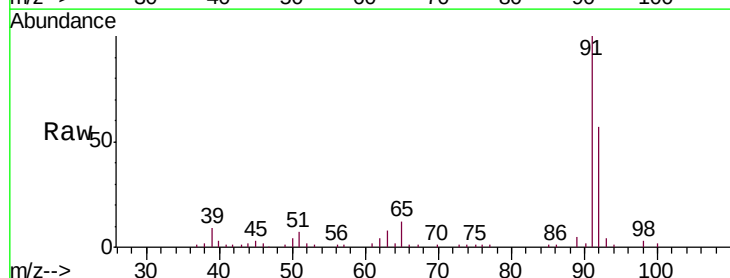
Instrument :
MSVOA_V
ClientSampleId :
GAT67

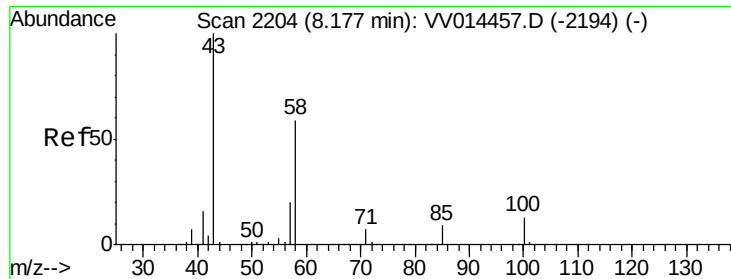
Tgt Ion: 83 Resp: 3486
Ion Ratio Lower Upper
83 100
55 81.7 60.4 90.6
98 44.8 39.2 58.8



#42
Toluene
Concen: 3.295 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Tgt Ion: 91 Resp: 42261
Ion Ratio Lower Upper
91 100
92 57.0 41.0 76.2

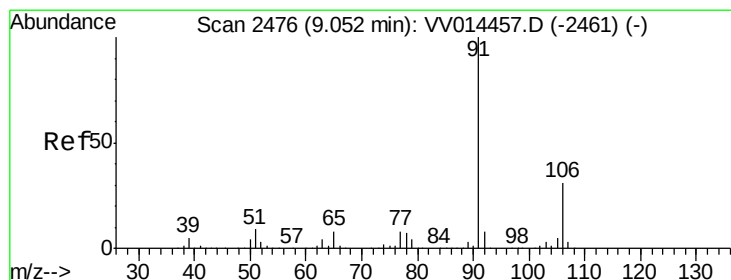
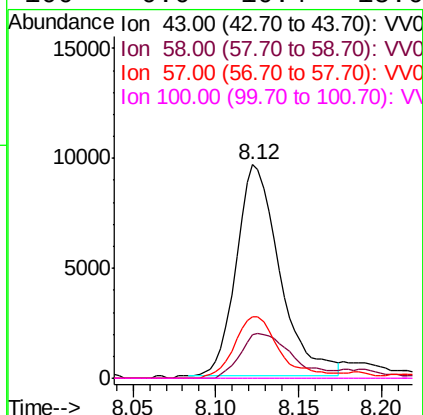
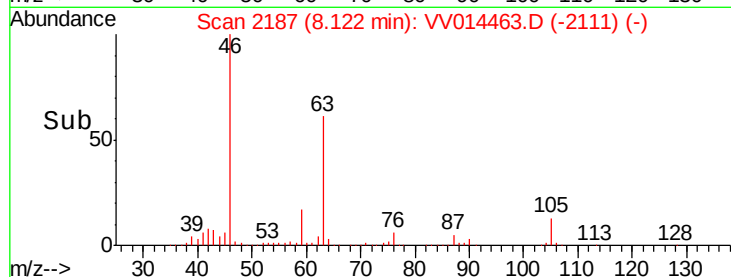
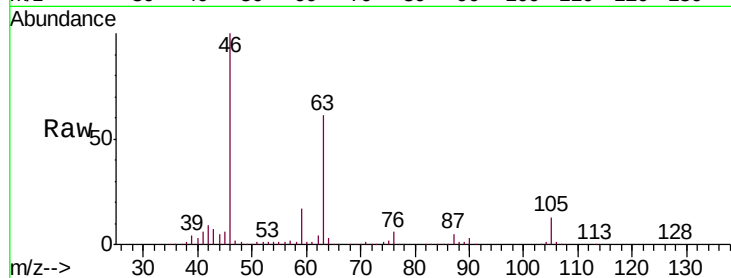




#48
2-Hexanone
Concen: 6.057 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.05 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

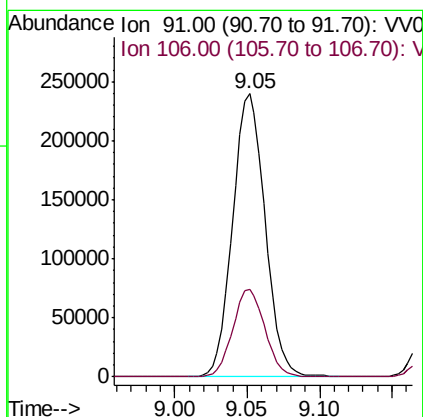
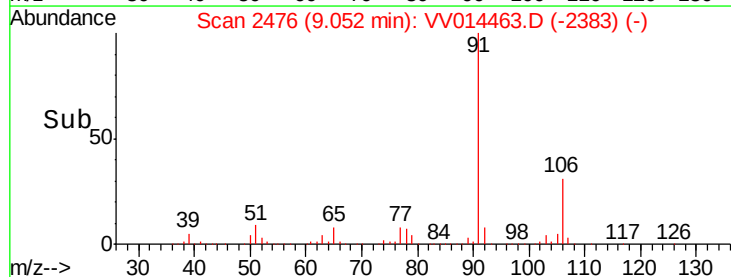
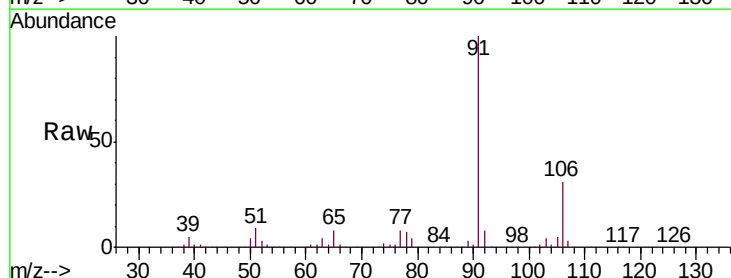
Instrument :
MSVOA_V
ClientSampleId :
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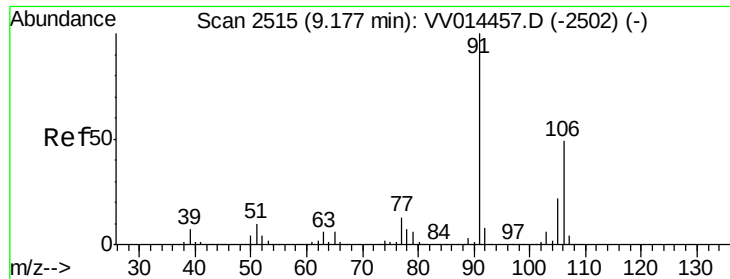
Tgt Ion: 43 Resp: 17535
Ion Ratio Lower Upper
43 100
58 24.6 48.0 72.0#
57 30.8 15.0 22.6#
100 0.0 10.4 15.6#



#52
Ethylbenzene
Concen: 25.896 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Tgt Ion: 91 Resp: 372723
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6

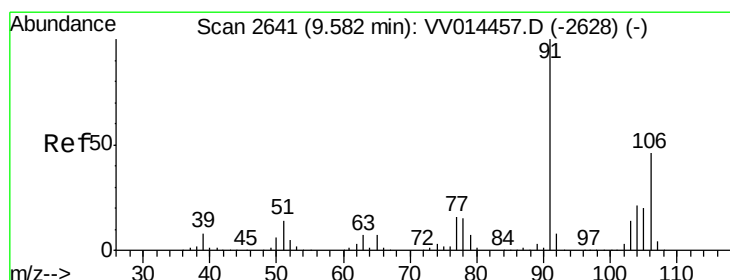
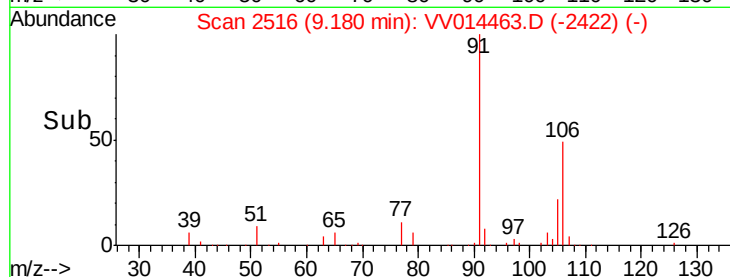
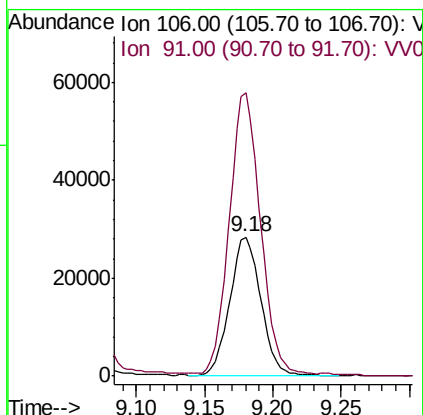
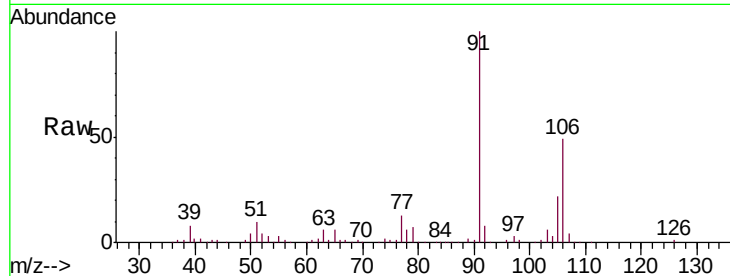




#53
m,p-Xylene
Concen: 8.441 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

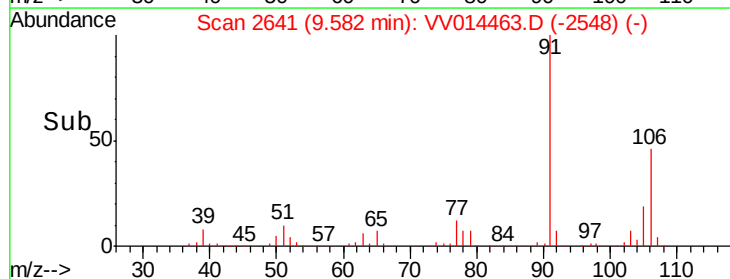
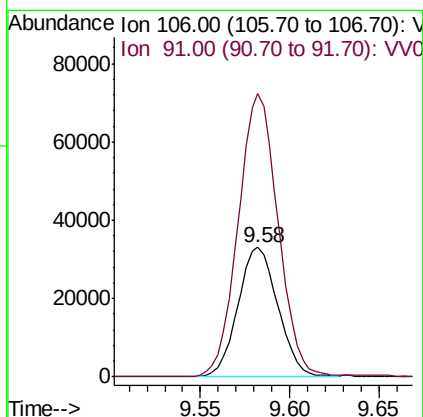
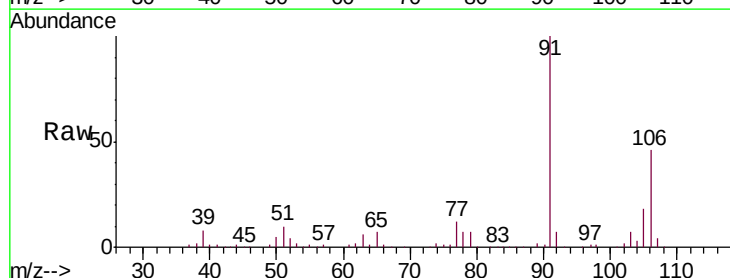
Instrument :
MSVOA_V
ClientSampled :
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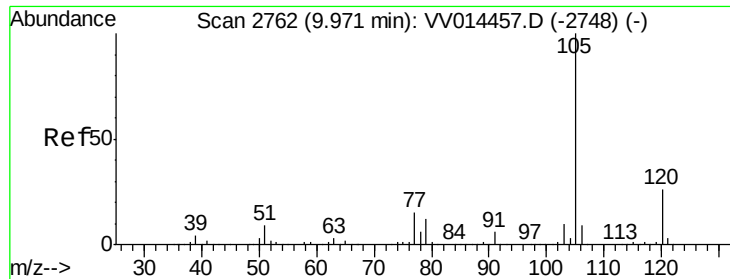
Tgt Ion:106 Resp: 45366
Ion Ratio Lower Upper
106 100
91 203.7 140.9 261.7



#54
o-xylene
Concen: 9.749 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Tgt Ion:106 Resp: 51915
Ion Ratio Lower Upper
106 100
91 218.2 150.4 279.2





#56

Isopropylbenzene

Concen: 1.958 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. -0.00 min

Lab File: VV014463.D

Acq: 31 Jan 2020 20:35

Instrument :

MSVOA_V

ClientSampleId :

GAT67

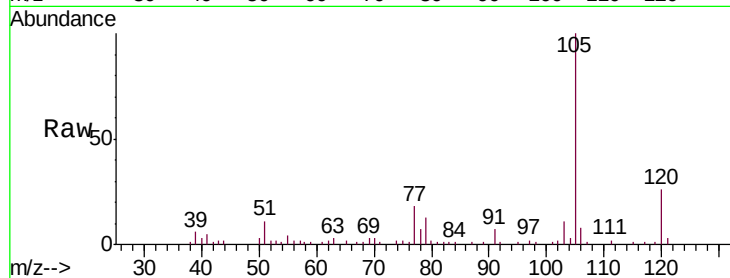
Tgt Ion: 105 Resp: 26660

Ion Ratio Lower Upper

105 100

120 26.9 21.0 31.6

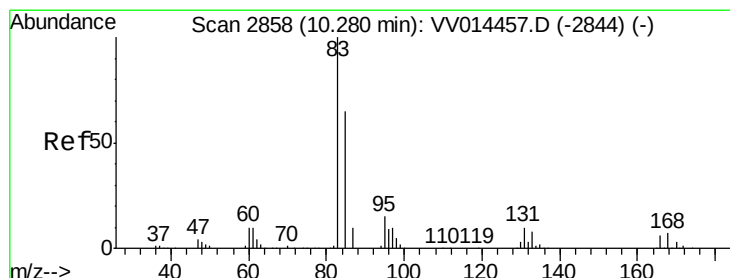
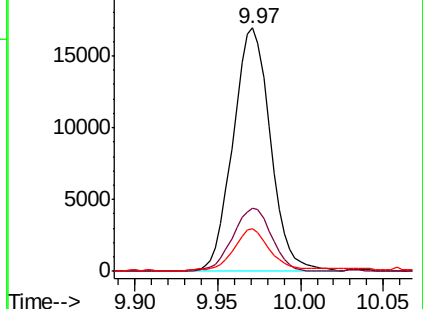
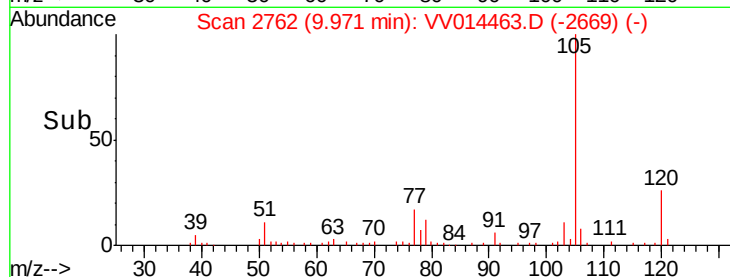
77 15.0 12.5 18.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.783 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. -0.00 min

Lab File: VV014463.D

Acq: 31 Jan 2020 20:35

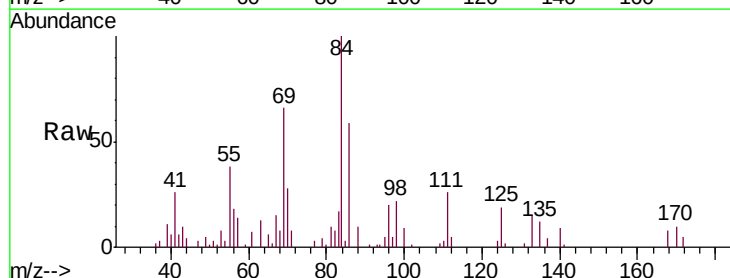
Tgt Ion: 83 Resp: 3620

Ion Ratio Lower Upper

83 100

85 16.8 44.2 82.2#

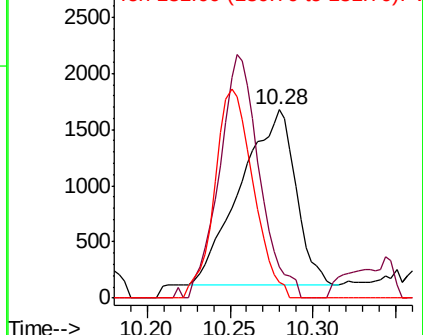
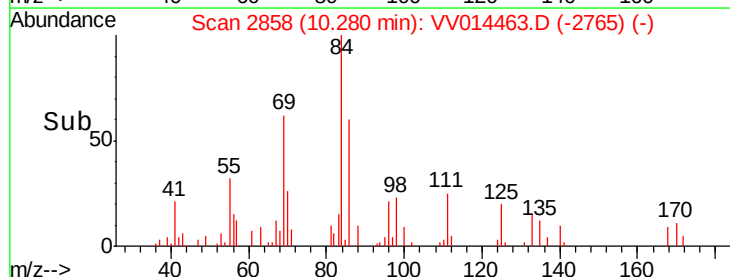
131 8.7 7.6 11.4

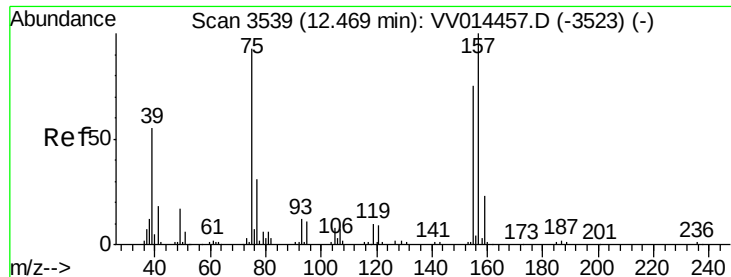


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V

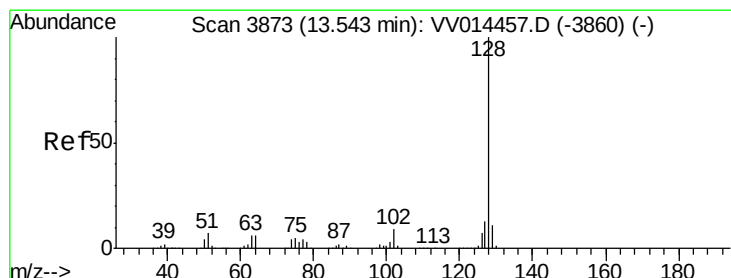
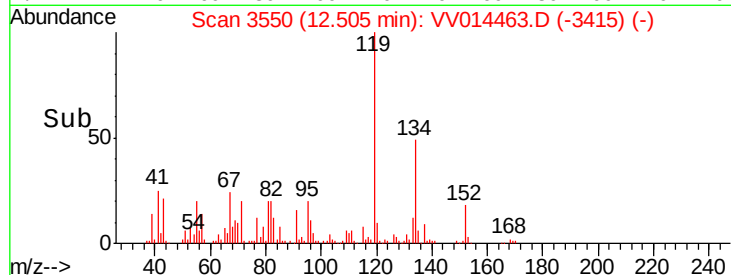
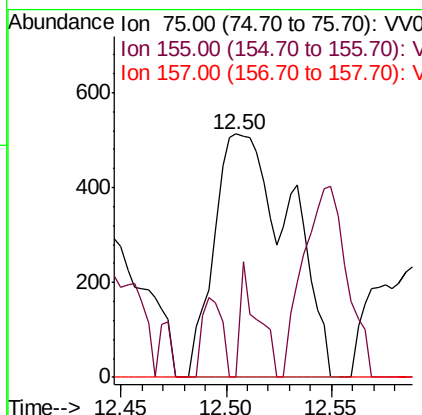
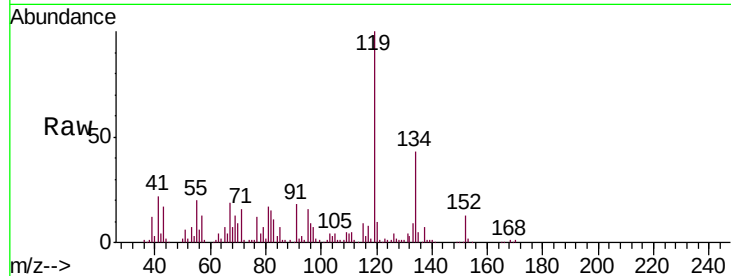




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.282 ug/L
 RT: 12.50 min Scan# 3550
 Delta R.T. 0.04 min
 Lab File: VV014463.D
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Tgt Ion: 75 Resp: 1275
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.2 96.2#
 157 0.0 83.4 125.2#



#69
 Naphthalene
 Concen: 368.099 ug/L
 RT: 13.54 min Scan# 3873
 Delta R.T. -0.00 min
 Lab File: VV014463.D
 Acq: 31 Jan 2020 20:35

Tgt Ion: 128 Resp: 4515164
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.4
 129 11.1 8.6 13.0

