

Data File : VV014411.D
Acq On : 27 Jan 2020 18:13
Operator : SY/MD
Sample : L1271-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT09

Quant Time: Jan 28 03:16:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 03:12:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	904499	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	830304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	388031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	216615	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.59	69	186968	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.13	63	222335	2.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.60%#
20) 2-Butanone-d5	3.93	46	841571	55.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	4.40	84	535243	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	268276	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.10	84	1024722	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.12	67	357874	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	813306	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	7.66	79	131473	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.14	63	742208	51.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	283197	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	329806	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

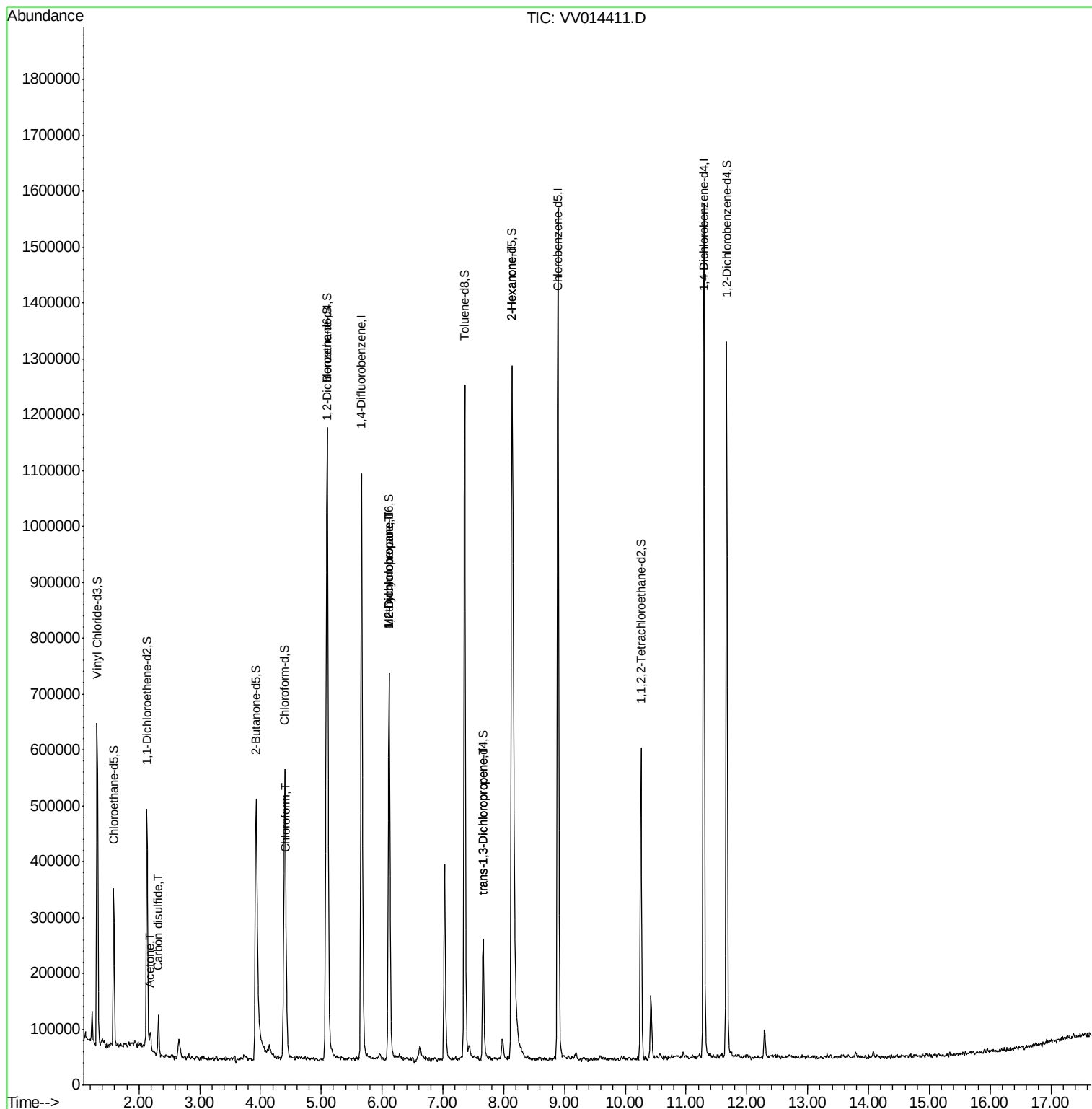
					Qvalue
13) Acetone	2.19	43	31268	2.987 ug/L	83
14) Carbon disulfide	2.32	76	80668	0.450 ug/L	98
25) Chloroform	4.43	83	25522	0.224 ug/L	99
35) Methylcyclohexane	6.12	83	81276	0.756 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	35230	0.546 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	5036	0.063 ug/L	84
48) 2-Hexanone	8.14	43	91067	3.236 ug/L #	73

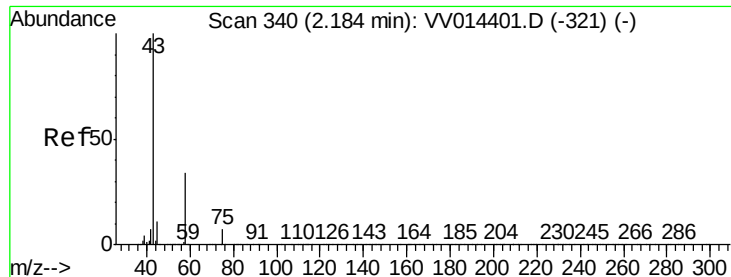
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.987 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

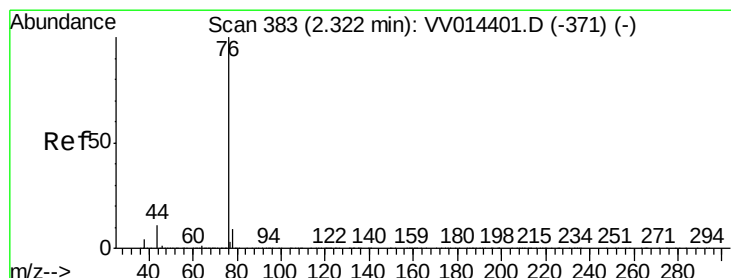
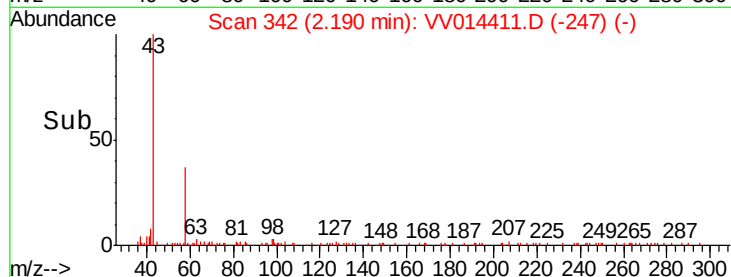
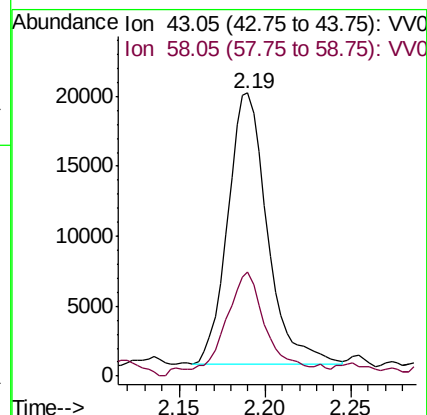
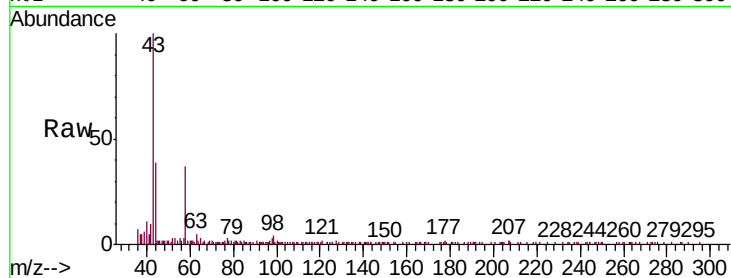
GAT09

Tgt Ion: 43 Resp: 31268

Ion Ratio Lower Upper

43 100

58 42.4 0.0 66.0



#14

Carbon disulfide

Concen: 0.450 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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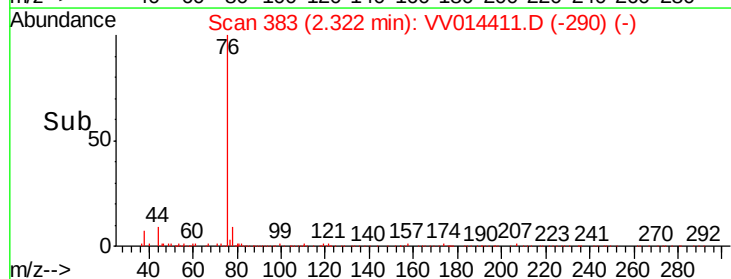
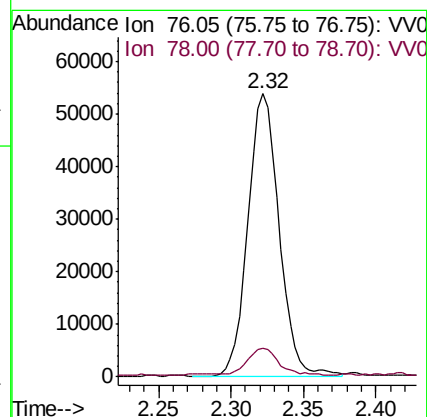
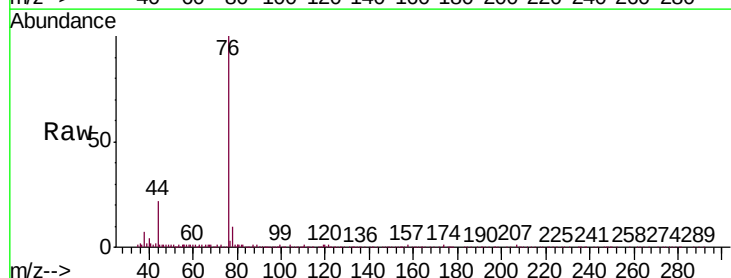
Acq: 27 Jan 2020 18:13

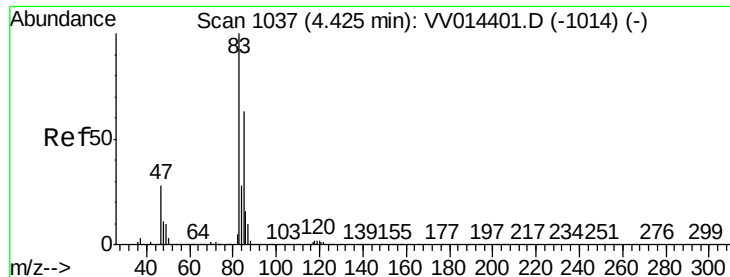
Tgt Ion: 76 Resp: 80668

Ion Ratio Lower Upper

76 100

78 10.2 7.5 11.3

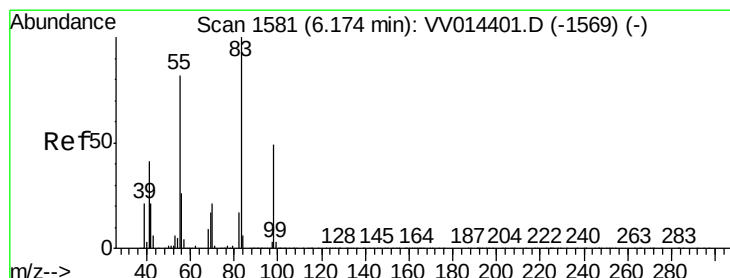
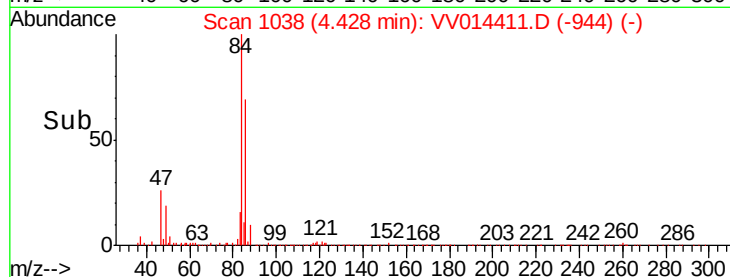
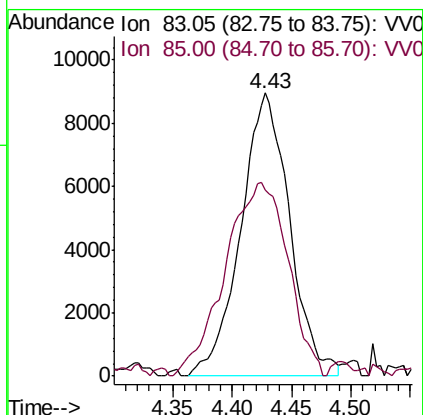
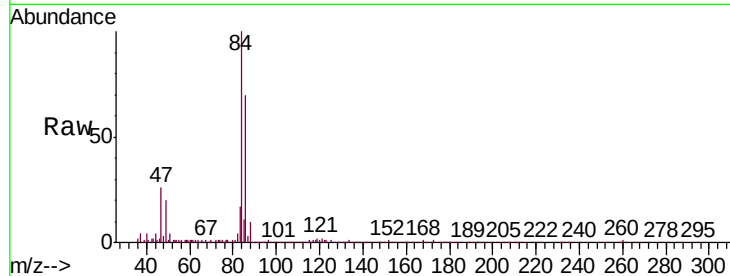




#25
Chloroform
Concen: 0.224 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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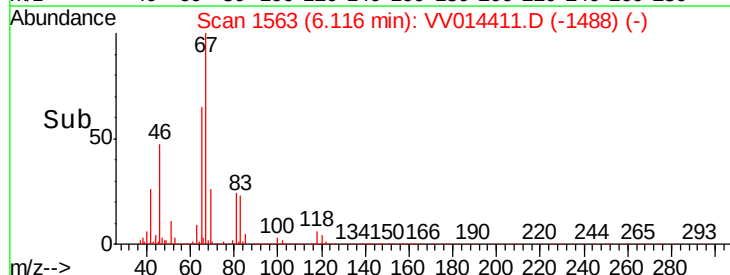
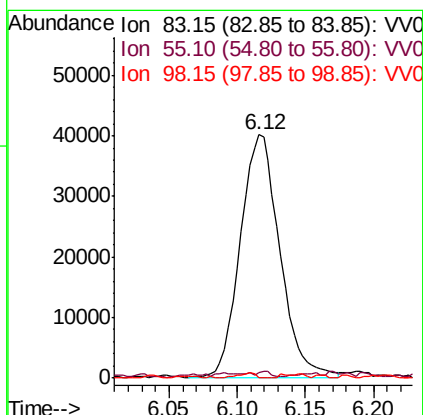
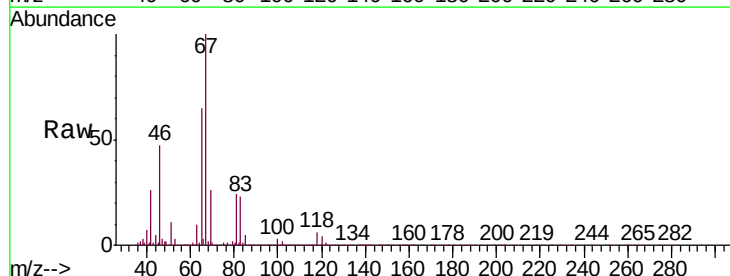
Instrument :
MSVOA_V
ClientSampled :
GAT09

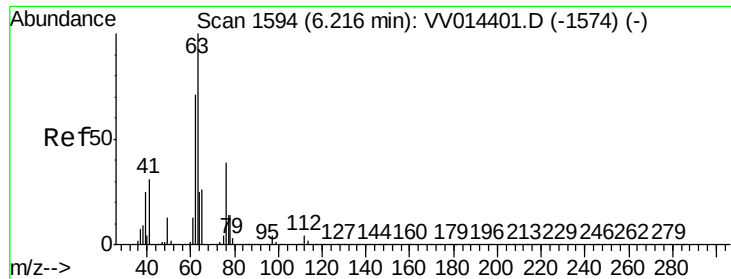
Tgt Ion: 83 Resp: 25522
Ion Ratio Lower Upper
83 100
85 65.6 46.2 85.8



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014411.D
Acq: 27 Jan 2020 18:13

Tgt Ion: 83 Resp: 81276
Ion Ratio Lower Upper
83 100
55 0.6 61.7 92.5#
98 0.4 38.1 57.1#

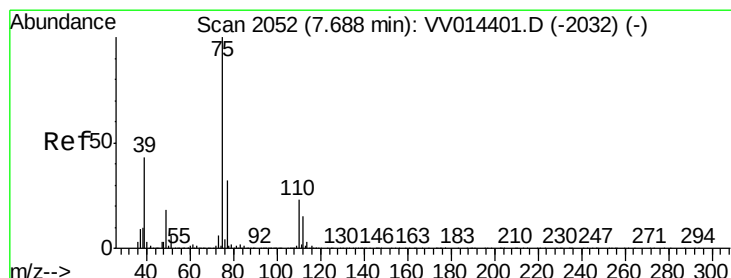
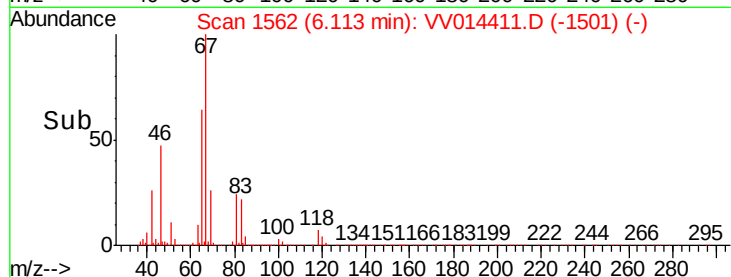
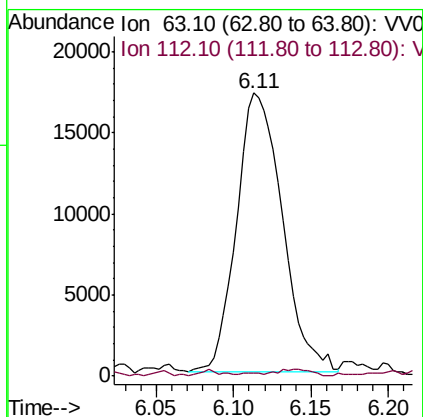
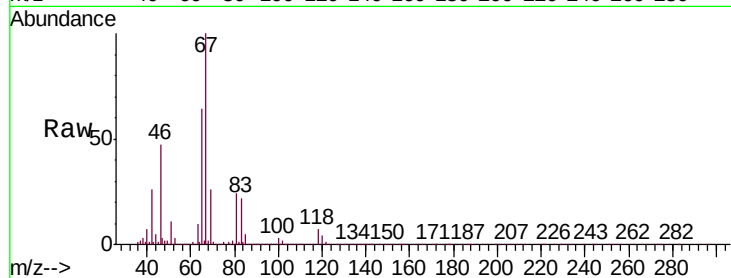




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014411.D
 Acq: 27 Jan 2020 18:13

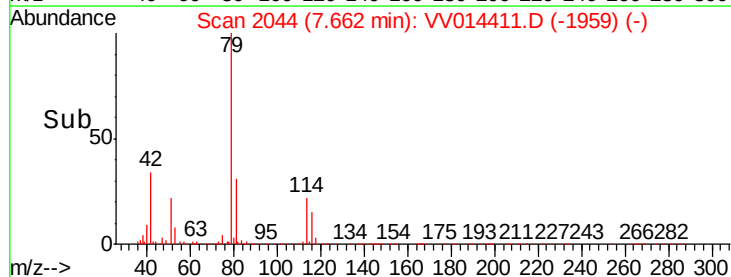
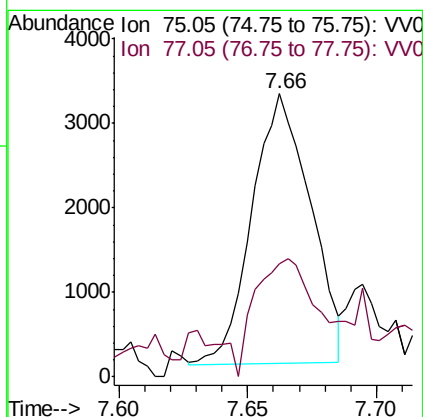
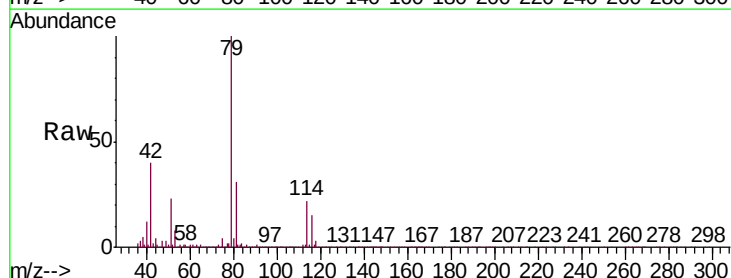
Instrument :
 MSVOA_V
 ClientSampleId :
 GAT09

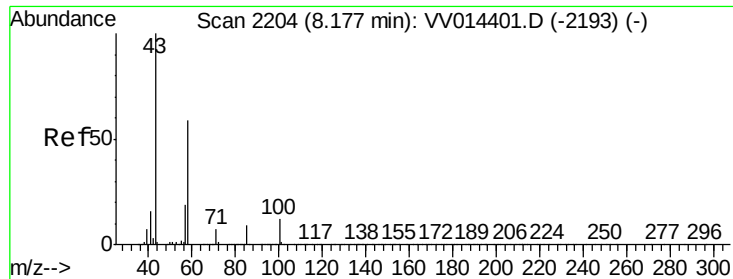
Tgt Ion: 63 Resp: 35230
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.063 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014411.D
 Acq: 27 Jan 2020 18:13

Tgt Ion: 75 Resp: 5036
 Ion Ratio Lower Upper
 75 100
 77 40.2 22.0 41.0





#48
 2-Hexanone
 Concen: 3.236 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.04 min
 Lab File: VV014411.D
 Acq: 27 Jan 2020 18:13

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT09

Tgt Ion:	43	Resp:	91067
Ion	Ratio	Lower	Upper
43	100		
58	30.9	45.4	68.0#
57	21.0	15.8	23.8
100	0.4	10.2	15.4#

