

Data File : VV012420.D
Acq On : 27 Aug 2019 11:48
Operator : SY/MD
Sample : K4501-09 100X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM4

Quant Time: Aug 28 07:38:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221109	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	218649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51780	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	40947	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	72742	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.97	46	158631	53.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.54%
24) Chloroform-d	4.40	84	124479	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	63800	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.10	84	243790	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	78396	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	189364	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.67	79	25067	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	75635	39.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45628	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	67843	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	687	0.070	ug/L #	16
12) 1,1-Dichloroethene	2.13	96	879	0.099	ug/L #	1
16) Methylene chloride	2.53	84	3855	0.390	ug/L	95
25) Chloroform	4.42	83	7555	0.276	ug/L	98
35) Methylcyclohexane	6.12	83	18727	0.792	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9198	0.651	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1918	0.101	ug/L	84
47) Tetrachloroethene	8.02	164	16173	1.332	ug/L	96
48) 2-Hexanone	8.20	43	20944	3.835	ug/L #	83
49) Dibromochloromethane	8.02	129	14455	1.318	ug/L #	11

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

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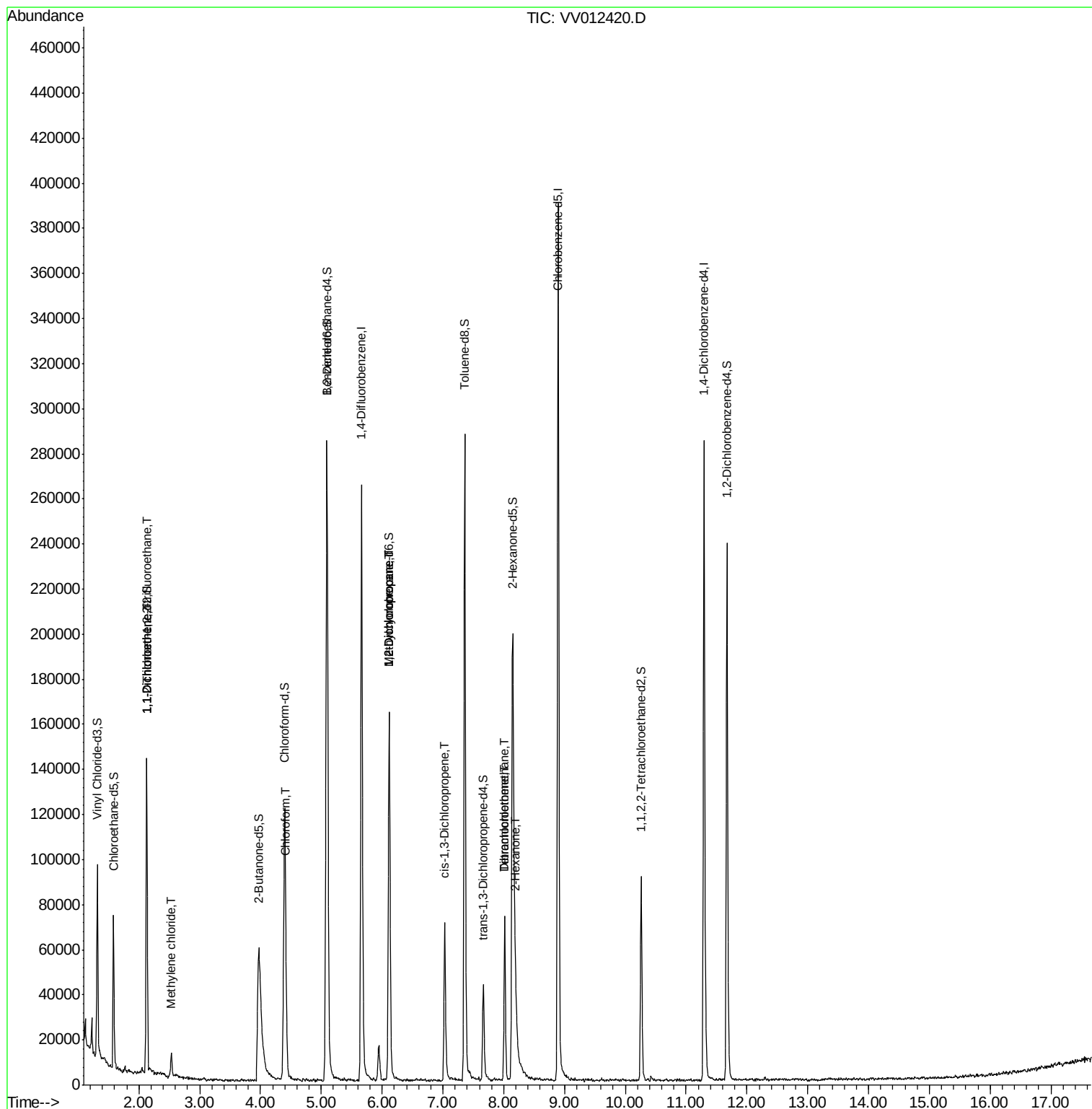
Quant Time: Aug 28 07:38:58 2019

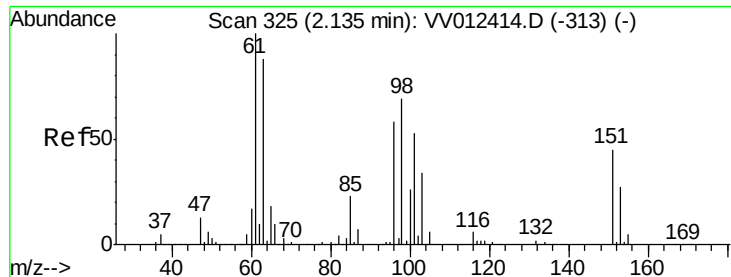
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Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Aug 28 07:35:31 2019

Response via : Initial Calibration





#10

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

Concen: 0.070 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012420.D

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Instrument :

MSVOA_V

ClientSampleId :

GANM4

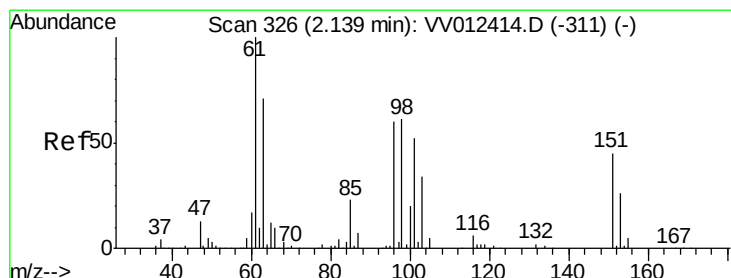
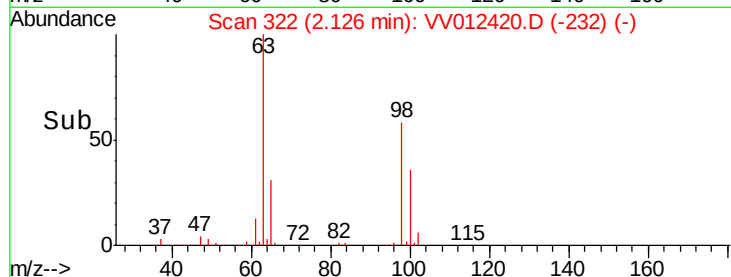
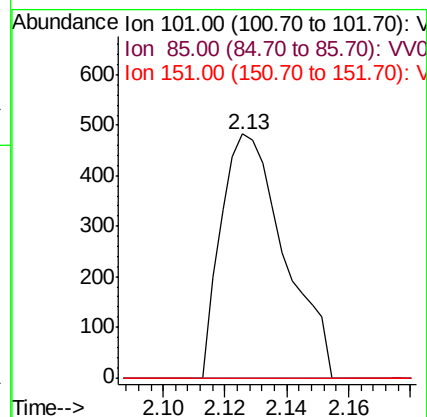
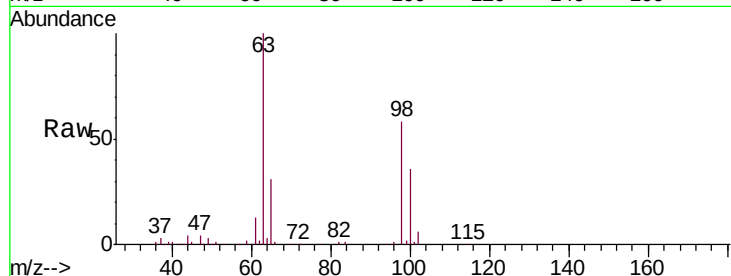
Tgt Ion: 101 Resp: 687

Ion Ratio Lower Upper

101 100

85 3.1 34.6 51.8#

151 0.0 71.2 106.8#



#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012420.D

Acq: 27 Aug 2019 11:48

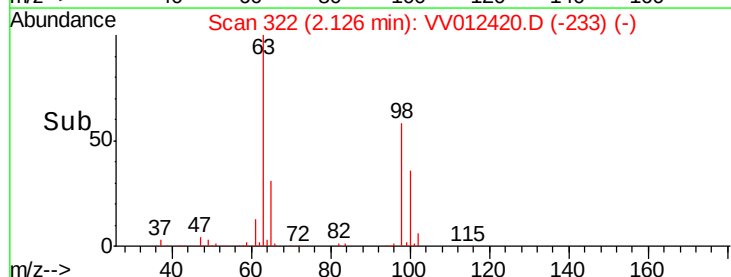
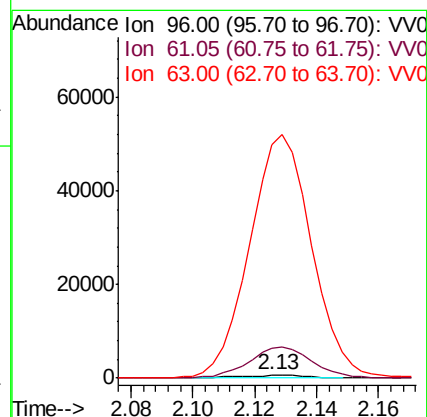
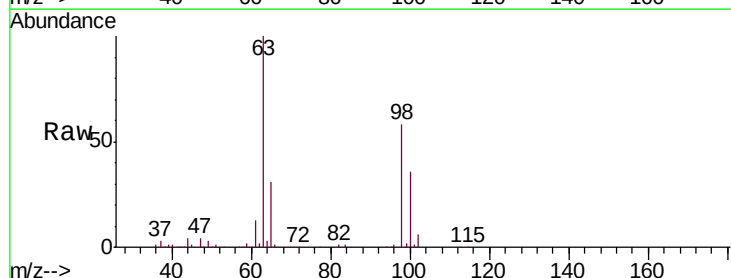
Tgt Ion: 96 Resp: 879

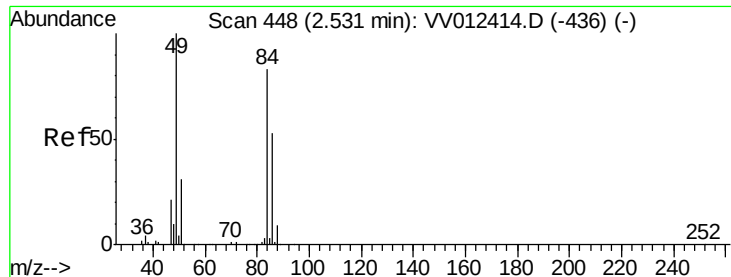
Ion Ratio Lower Upper

96 100

61 1031.2 122.3 227.1#

63 7940.2 90.6 168.2#

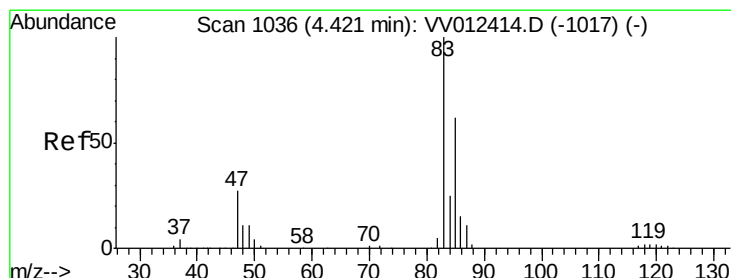
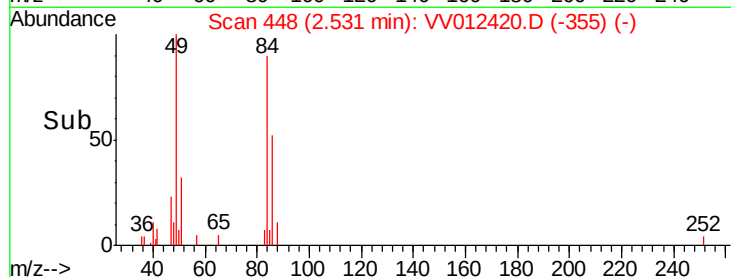
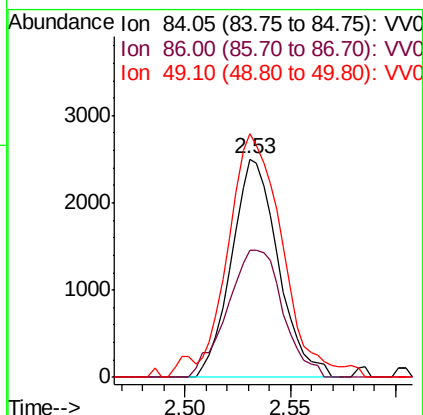
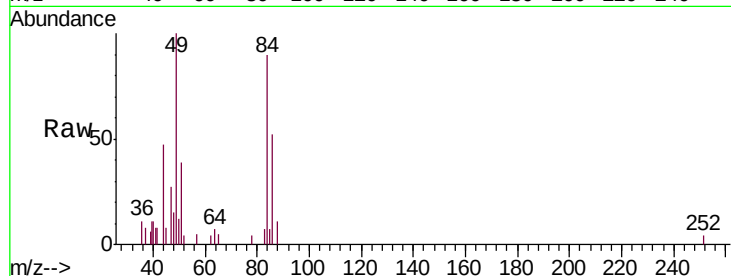




#16
Methylene chloride
Concen: 0.390 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV012420.D
Acq: 27 Aug 2019 11:48

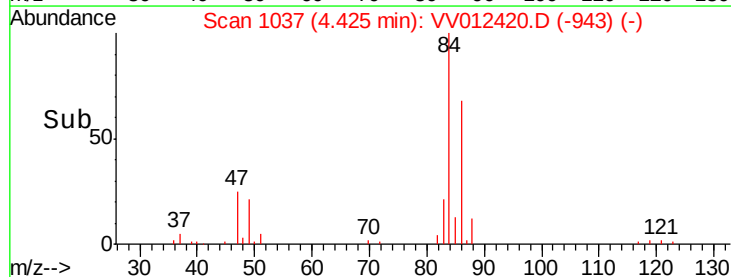
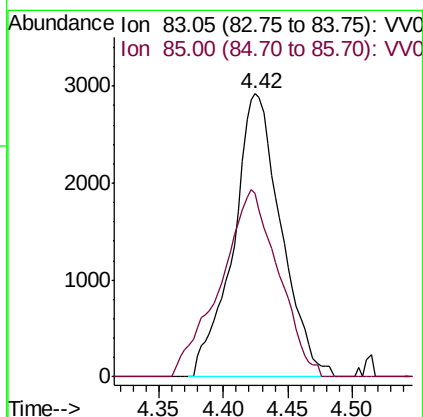
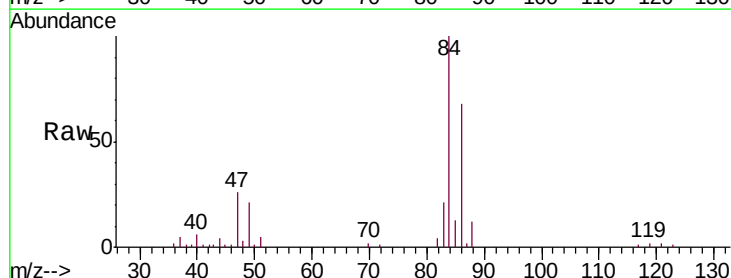
Instrument :
MSVOA_V
ClientSampled :
GANM4

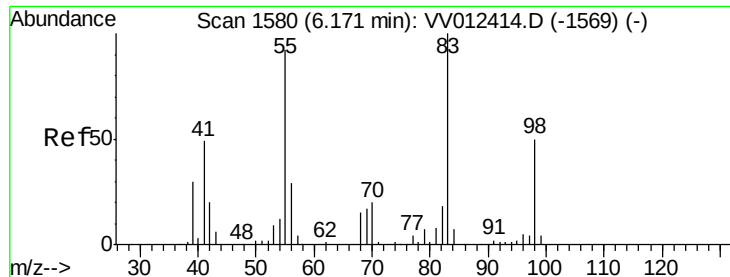
Tgt Ion: 84 Resp: 3855
Ion Ratio Lower Upper
84 100
86 58.1 44.9 83.5
49 111.7 81.1 150.7



#25
Chloroform
Concen: 0.276 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012420.D
Acq: 27 Aug 2019 11:48

Tgt Ion: 83 Resp: 7555
Ion Ratio Lower Upper
83 100
85 64.9 44.6 82.8

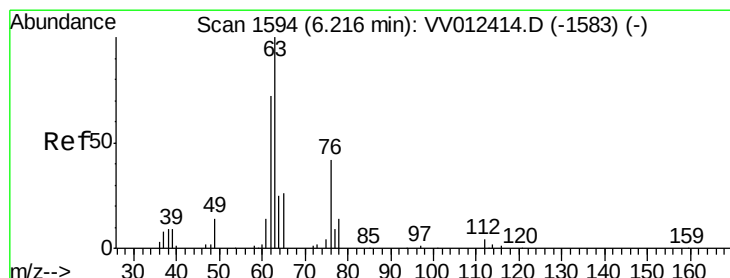
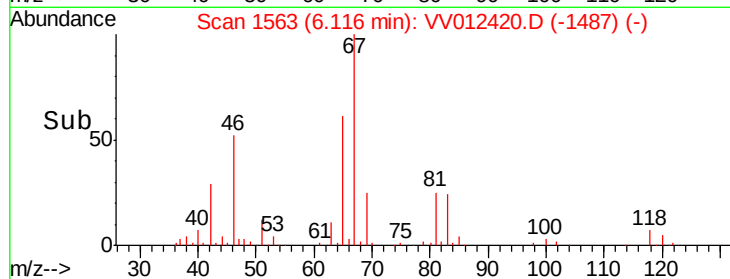
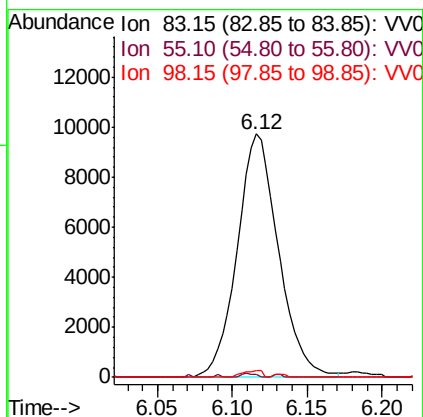
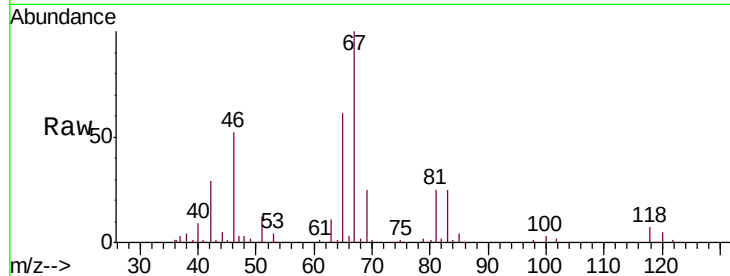




#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012420.D
Acq: 27 Aug 2019 11:48

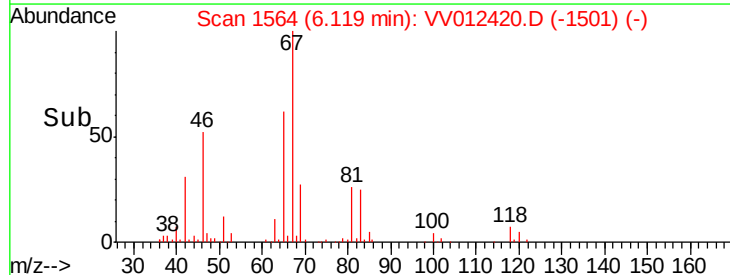
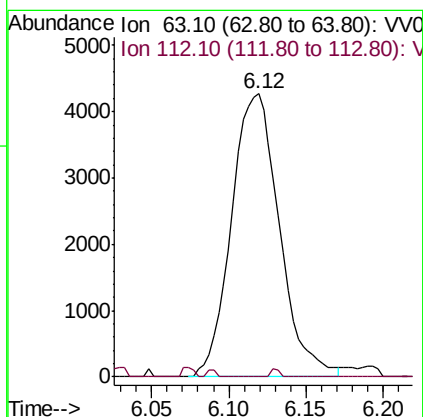
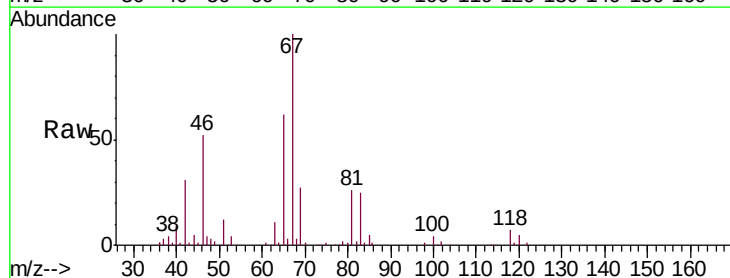
Instrument :
MSVOA_V
ClientSampled :
GANM4

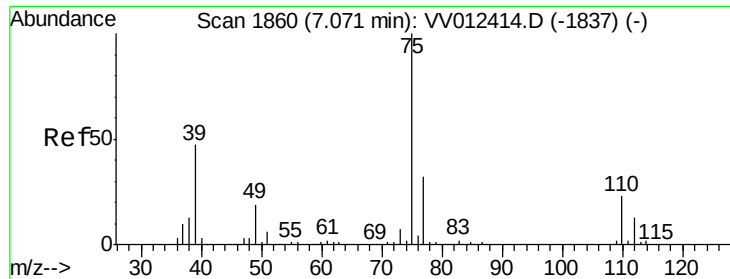
Tgt Ion: 83 Resp: 18727
Ion Ratio Lower Upper
83 100
55 0.5 64.6 97.0#
98 1.3 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012420.D
Acq: 27 Aug 2019 11:48

Tgt Ion: 63 Resp: 9198
Ion Ratio Lower Upper
63 100
112 0.5 4.2 6.2#

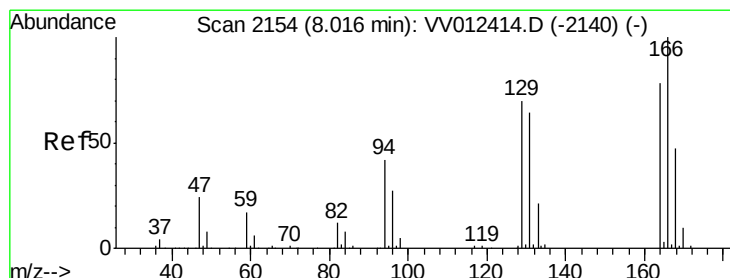
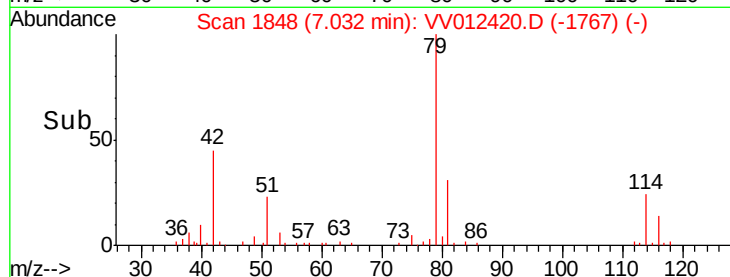
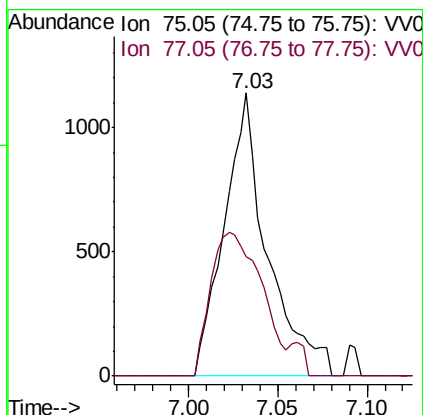
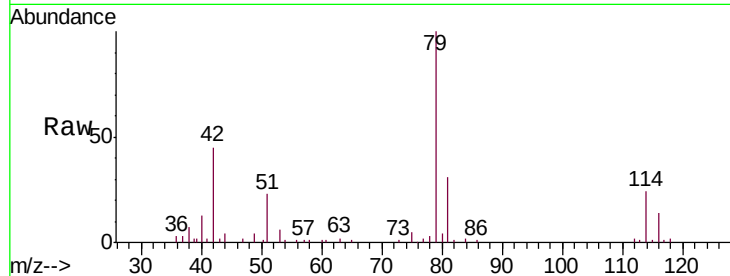




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012420.D
 Acq: 27 Aug 2019 11:48

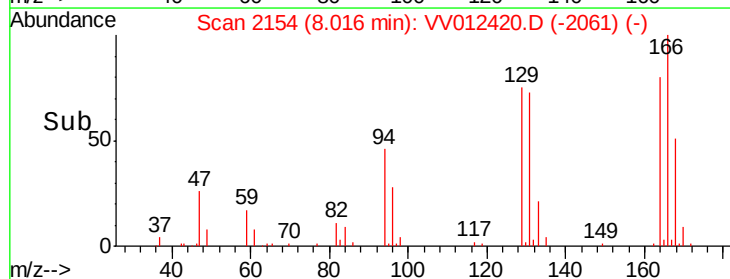
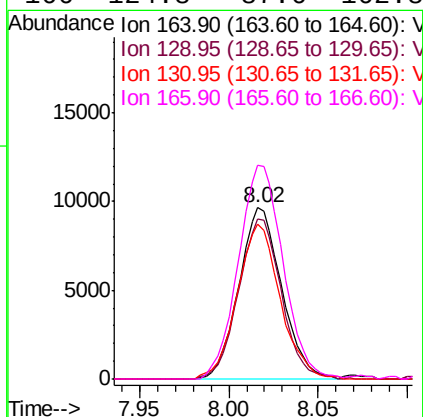
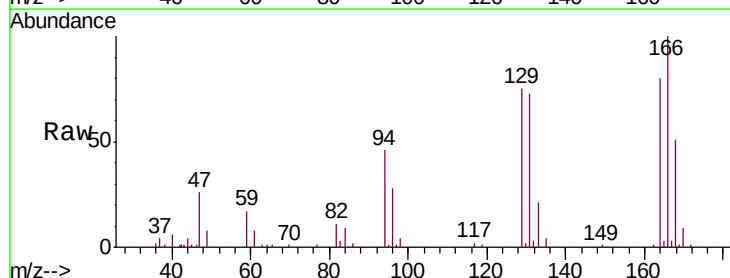
Instrument :
 MSVOA_V
 ClientSampled :
 GANM4

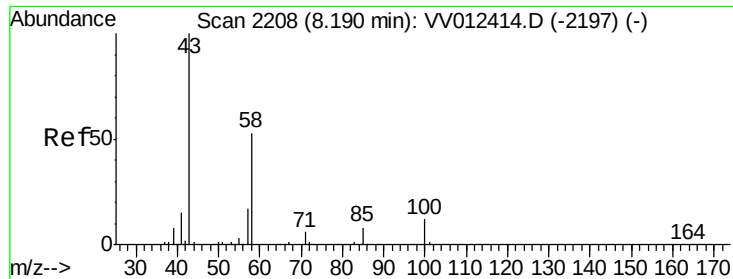
Tgt Ion: 75 Resp: 1918
 Ion Ratio Lower Upper
 75 100
 77 42.2 23.2 43.2



#47
 Tetrachloroethene
 Concen: 1.332 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012420.D
 Acq: 27 Aug 2019 11:48

Tgt Ion: 164 Resp: 16173
 Ion Ratio Lower Upper
 164 100
 129 93.8 60.6 112.6
 131 90.6 58.8 109.2
 166 124.8 87.6 162.8

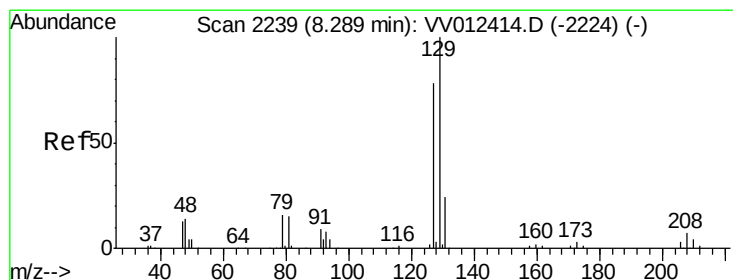
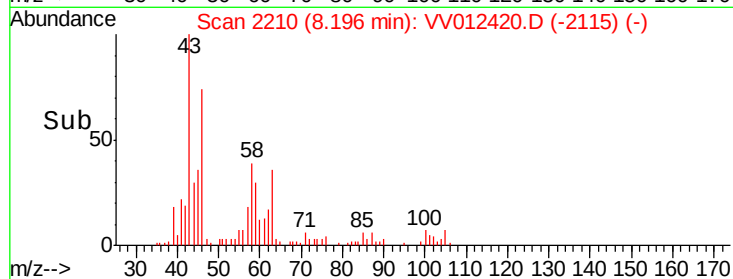
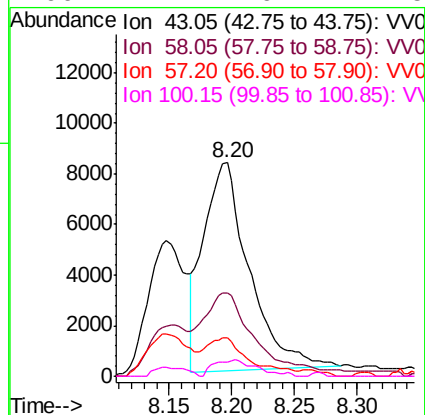
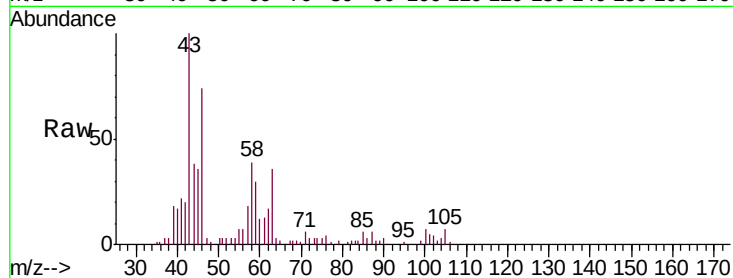




#48
 2-Hexanone
 Concen: 3.835 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VV012420.D
 Acq: 27 Aug 2019 11:48

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM4

Tgt Ion:	43	Resp:	20944
Ion	Ratio	Lower	Upper
43	100		
58	41.2	46.3	69.5#
57	17.3	14.9	22.3
100	7.4	9.7	14.5#



#49
 Dibromochloromethane
 Concen: 1.318 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV012420.D
 Acq: 27 Aug 2019 11:48

Tgt Ion:	129	Resp:	14455
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#

