

Data File : VV012419.D
Acq On : 27 Aug 2019 11:21
Operator : SY/MD
Sample : K4501-06 100X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM1

Quant Time: Aug 28 07:38:48 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	220440	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52530	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	41073	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	73596	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.97	46	157979	53.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	4.40	84	125832	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	63667	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.10	84	243571	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	80275	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	193216	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.66	79	24805	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	78573	41.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44954	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	68411	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

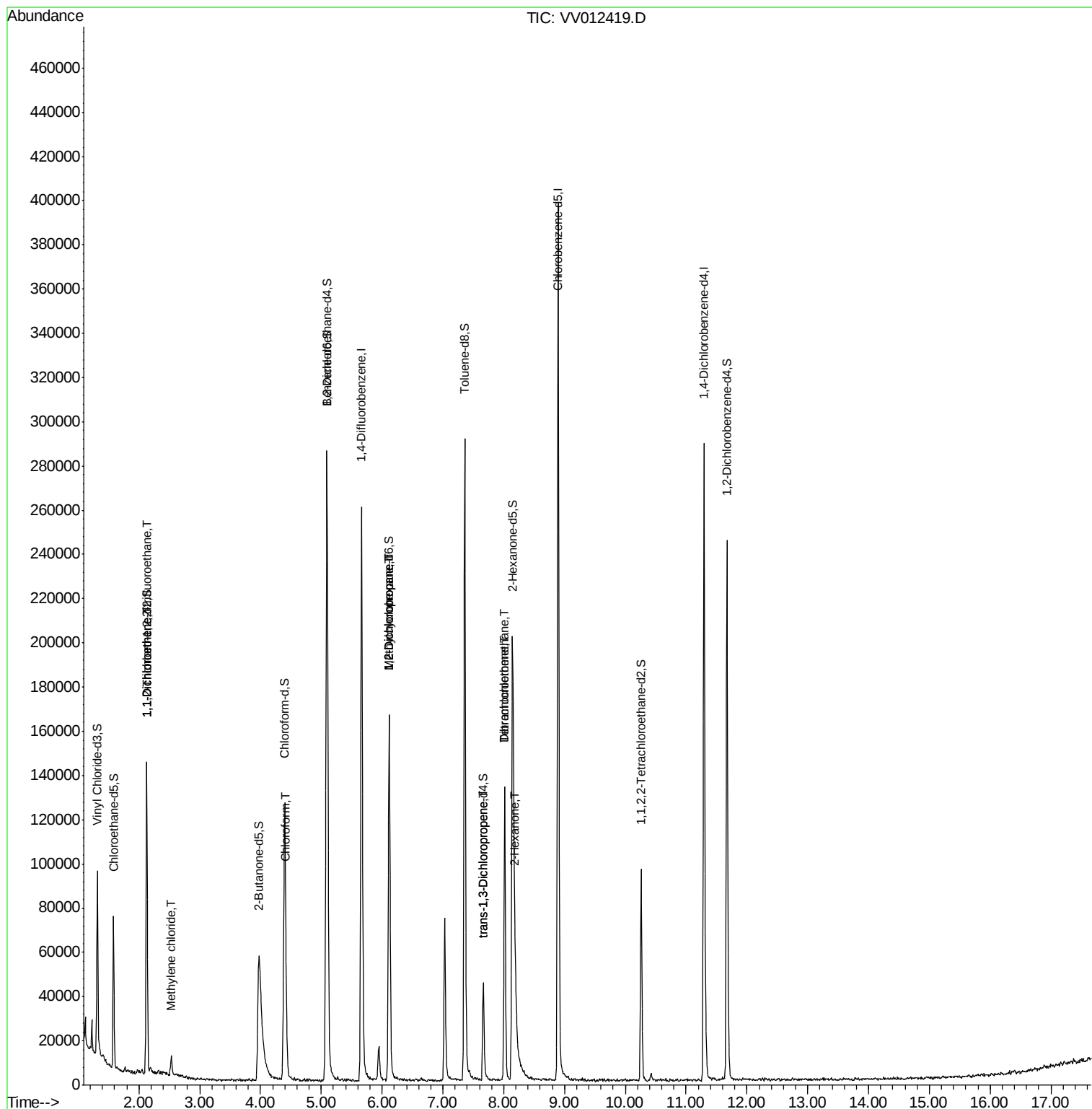
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	958	0.098	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	625	0.071	ug/L #	1
16) Methylene chloride	2.53	84	3676	0.373	ug/L	93
25) Chloroform	4.42	83	7556	0.277	ug/L	91
35) Methylcyclohexane	6.12	83	18405	0.775	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	8890	0.626	ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	1307	0.091	ug/L	94
47) Tetrachloroethene	8.02	164	29667	2.432	ug/L	91
48) 2-Hexanone	8.19	43	20629	3.759	ug/L #	76
49) Dibromochloromethane	8.02	129	25644	2.327	ug/L #	11

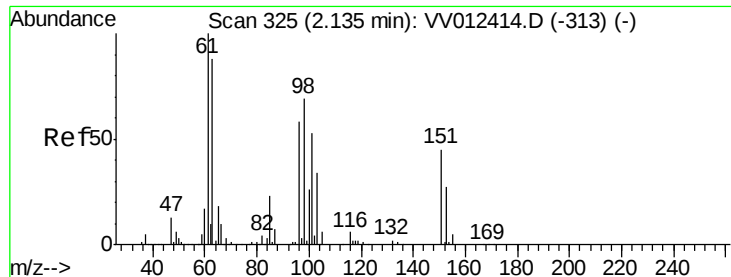
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.098 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012419.D

Acq: 27 Aug 2019 11:21

Instrument :

MSVOA_V

ClientSampleId :

GANM1

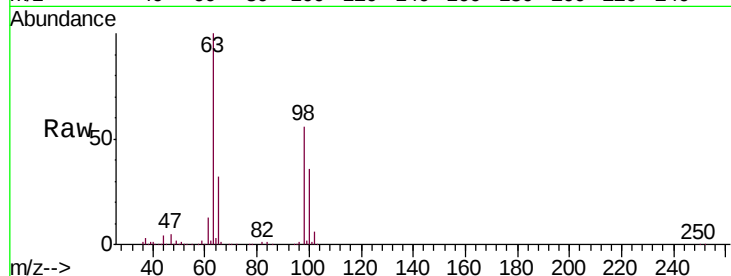
Tgt Ion: 101 Resp: 958

Ion Ratio Lower Upper

101 100

85 7.0 34.6 51.8#

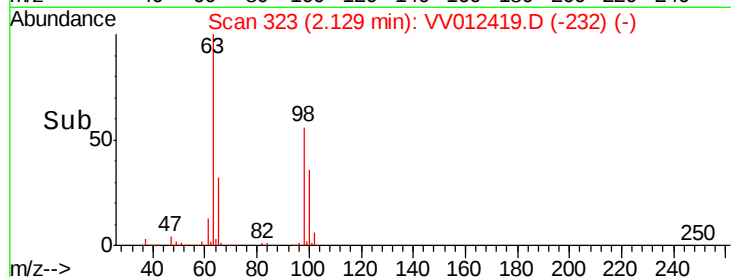
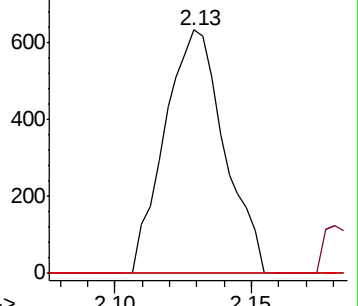
151 0.0 71.2 106.8#



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



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012419.D

Acq: 27 Aug 2019 11:21

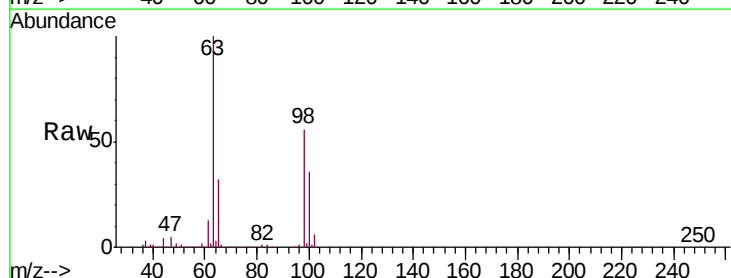
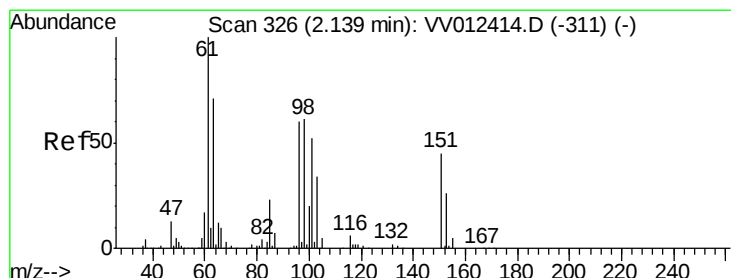
Tgt Ion: 96 Resp: 625

Ion Ratio Lower Upper

96 100

61 1323.5 122.3 227.1#

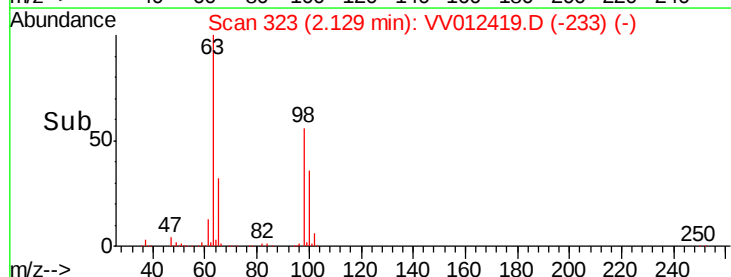
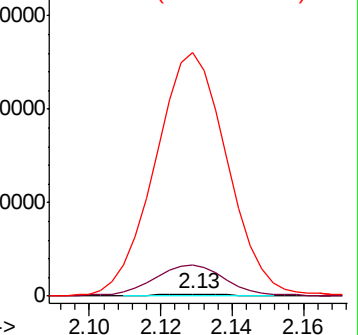
63 10493.4 90.6 168.2#

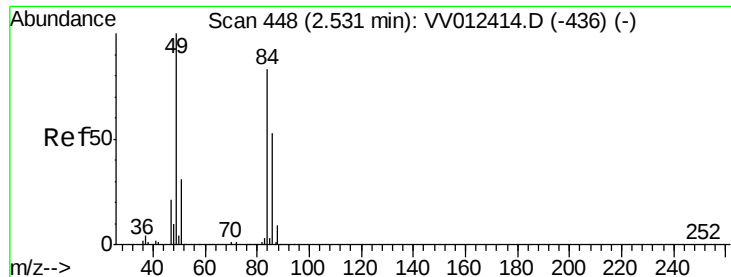


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

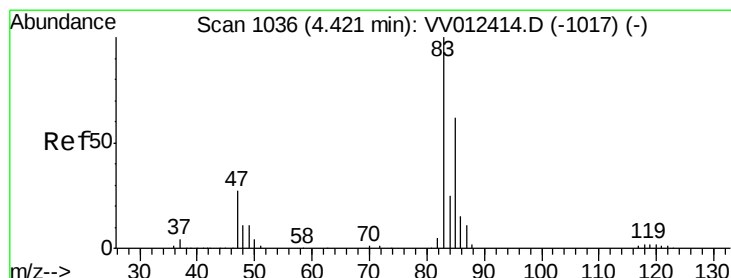
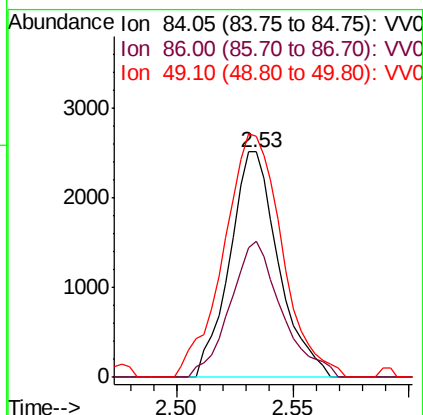
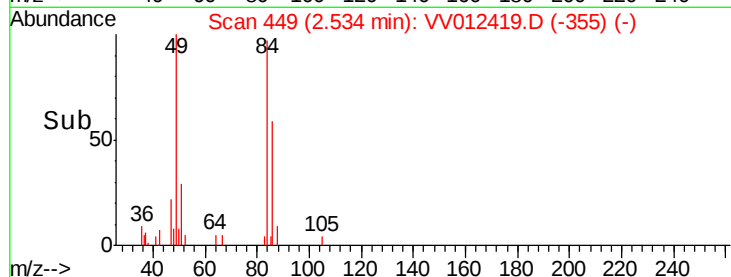
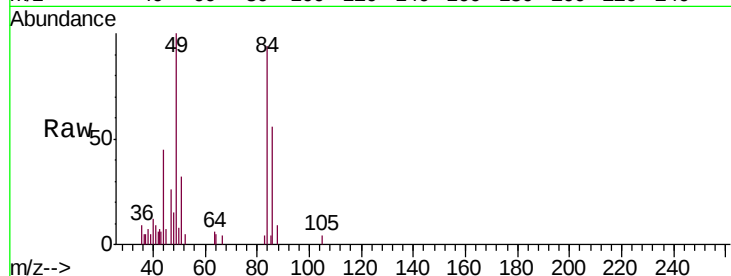




#16
Methylene chloride
Concen: 0.373 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012419.D
Acq: 27 Aug 2019 11:21

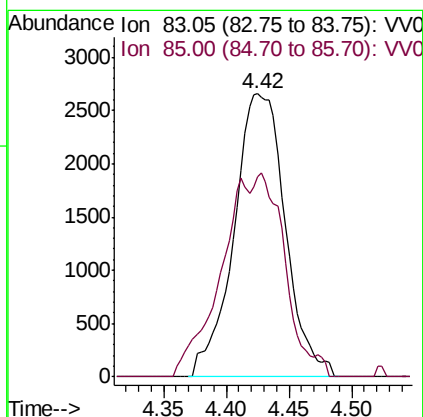
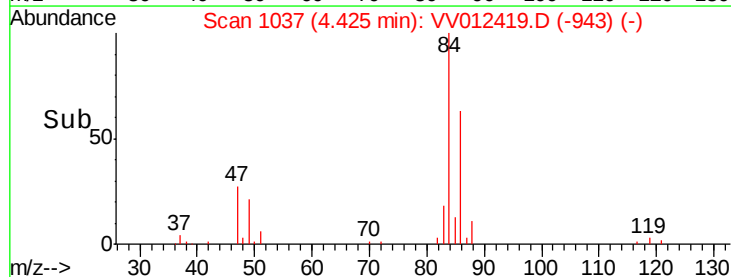
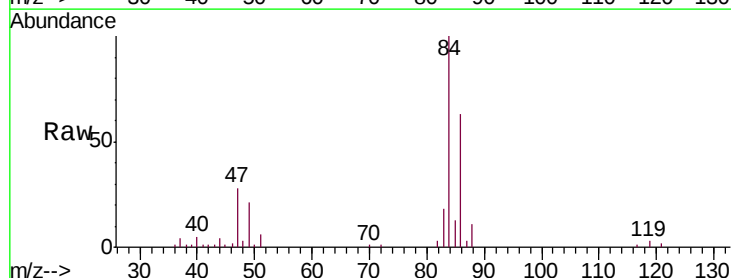
Instrument :
MSVOA_V
ClientSampled :
GANM1

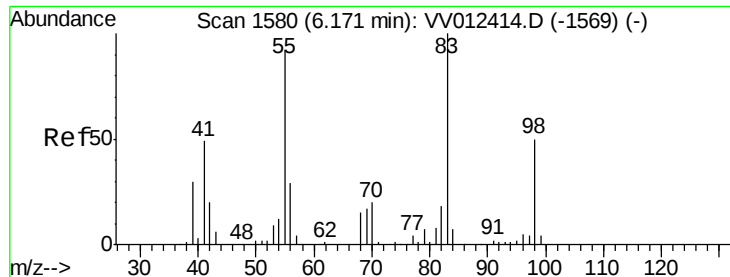
Tgt Ion: 84 Resp: 3676
Ion Ratio Lower Upper
84 100
86 60.3 44.9 83.5
49 106.8 81.1 150.7



#25
Chloroform
Concen: 0.277 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012419.D
Acq: 27 Aug 2019 11:21

Tgt Ion: 83 Resp: 7556
Ion Ratio Lower Upper
83 100
85 70.6 44.6 82.8

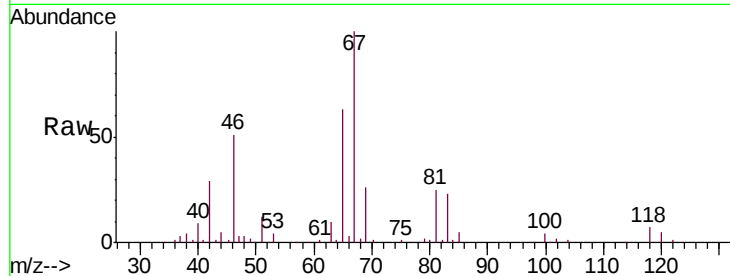




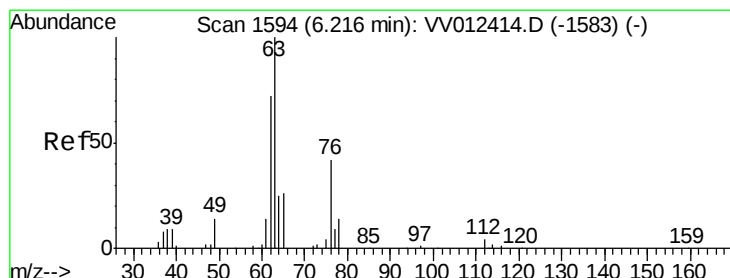
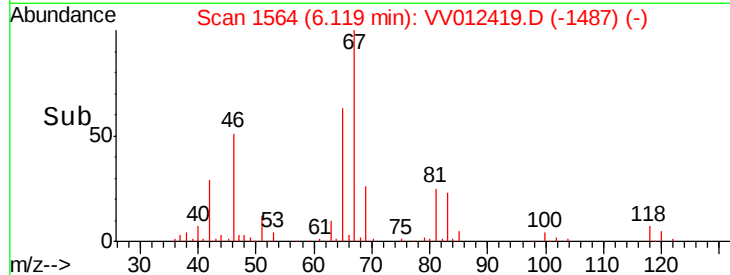
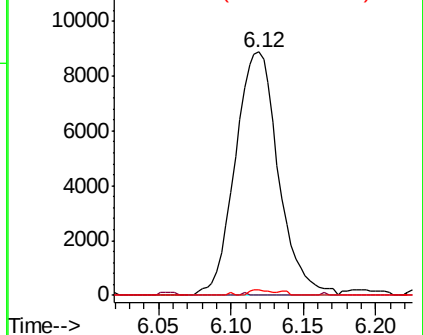
#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012419.D
Acq: 27 Aug 2019 11:21

Instrument :
MSVOA_V
ClientSampleId :
GANM1

Tgt Ion: 83 Resp: 18405
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 1.4 39.0 58.4#

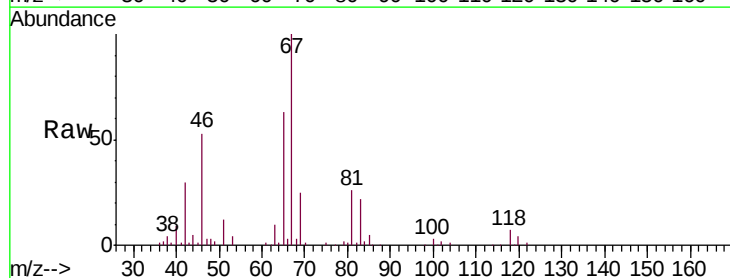


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

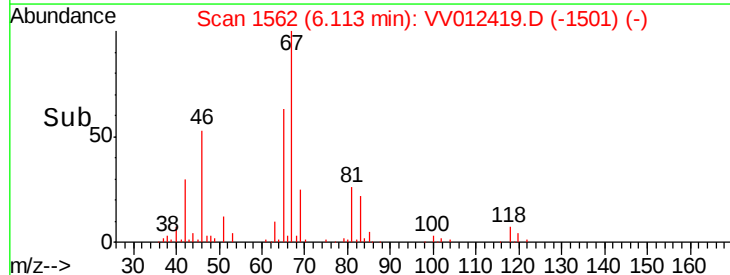
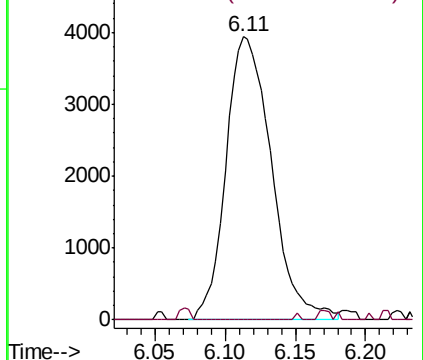


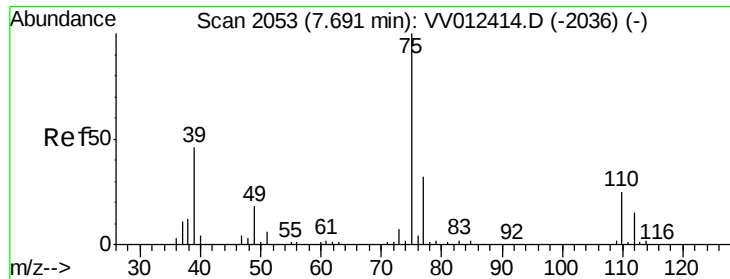
#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV012419.D
Acq: 27 Aug 2019 11:21

Tgt Ion: 63 Resp: 8890
Ion Ratio Lower Upper
63 100
112 0.2 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012419.D

Acq: 27 Aug 2019 11:21

Instrument :

MSVOA_V

ClientSampled :

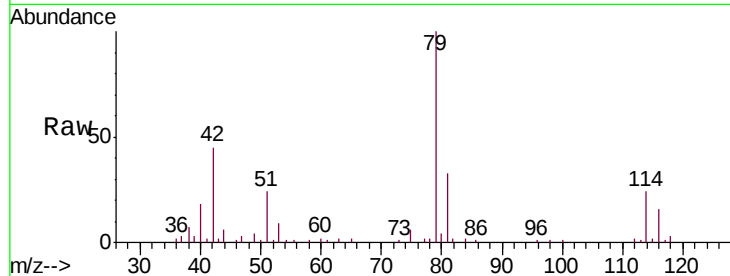
GANM1

Tgt Ion: 75 Resp: 1307

Ion Ratio Lower Upper

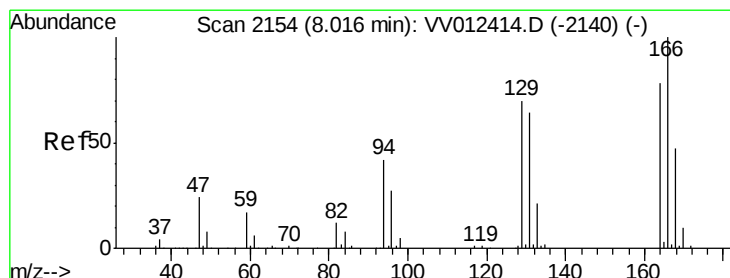
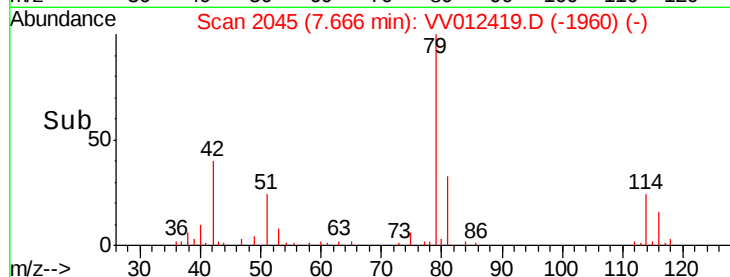
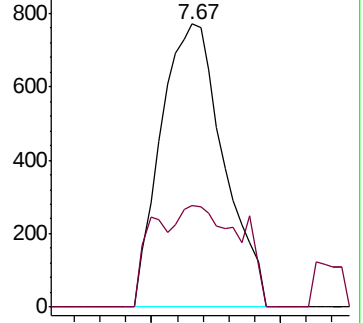
75 100

77 35.7 22.6 42.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 2.432 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012419.D

Acq: 27 Aug 2019 11:21

Tgt Ion: 164 Resp: 29667

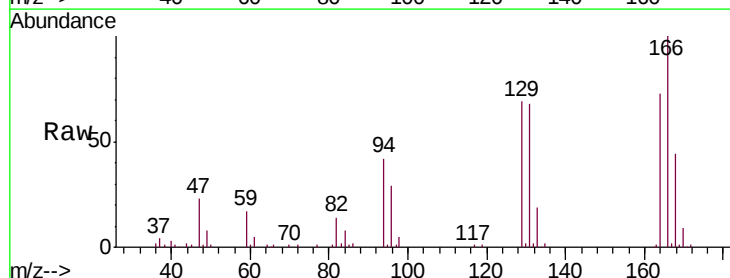
Ion Ratio Lower Upper

164 100

129 93.6 60.6 112.6

131 92.4 58.8 109.2

166 136.3 87.6 162.8

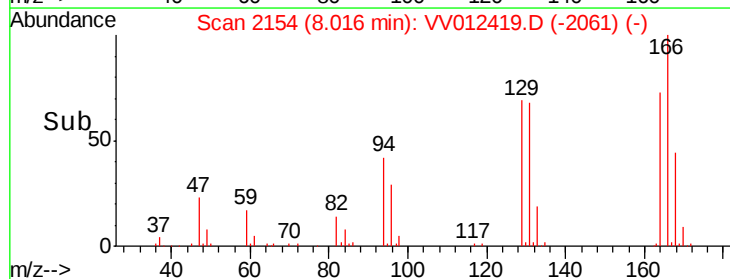
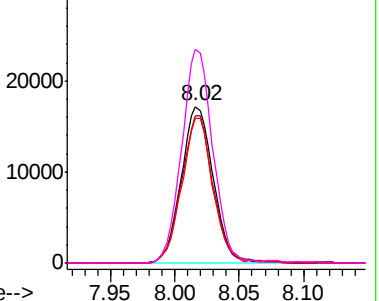


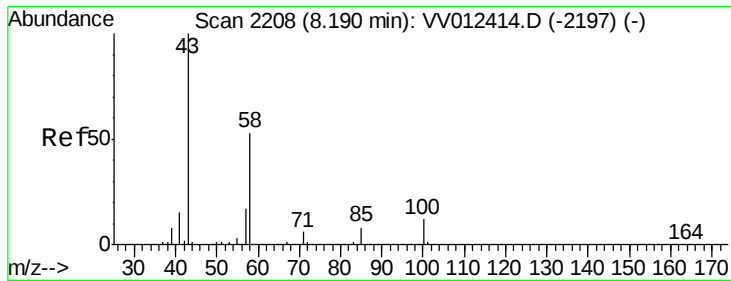
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

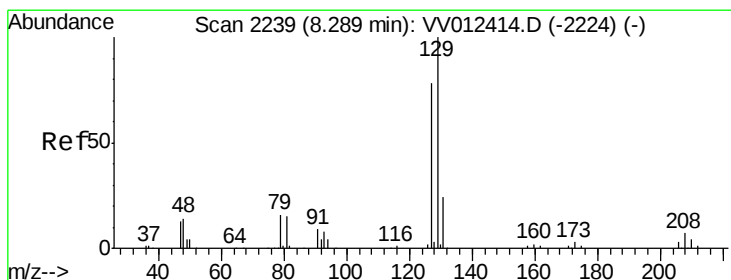
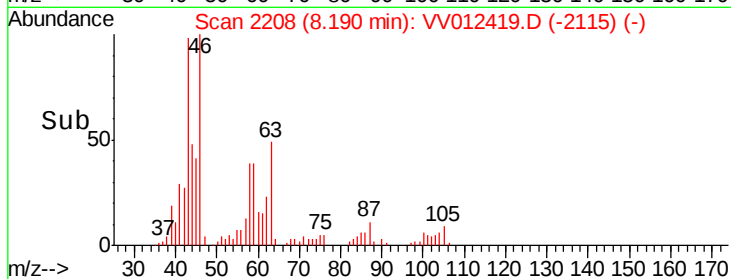
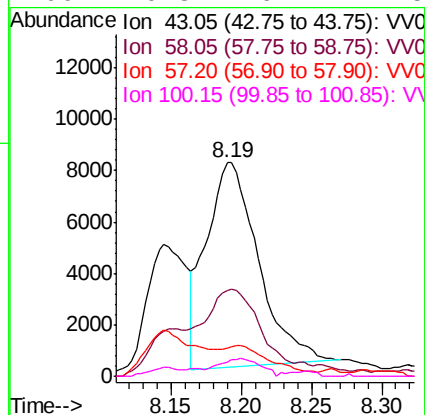
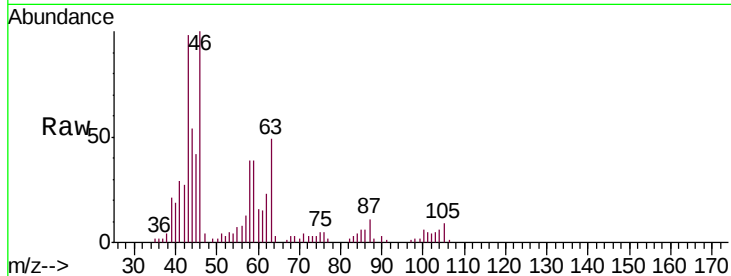




#48
2-Hexanone
Concen: 3.759 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012419.D
Acq: 27 Aug 2019 11:21

Instrument :
MSVOA_V
ClientSampled :
GANM1

Tgt Ion:	43	Resp:	20629
Ion	Ratio	Lower	Upper
43	100		
58	37.2	46.3	69.5#
57	9.8	14.9	22.3#
100	6.8	9.7	14.5#



#49
Dibromochloromethane
Concen: 2.327 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012419.D
Acq: 27 Aug 2019 11:21

Tgt Ion:	129	Resp:	25644
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#

