

Data File : VV012221.D
Acq On : 13 Aug 2019 18:12
Operator : SY/MD
Sample : K4337-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2

Quant Time: Aug 14 02:53:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	198739	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	193061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81197	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60613	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	48293	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	81587	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.95	46	156474	59.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	4.40	84	121541	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	60501	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	250030	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.12	67	75072	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	213800	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	27786	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.14	63	90445	51.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51293	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	76877	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

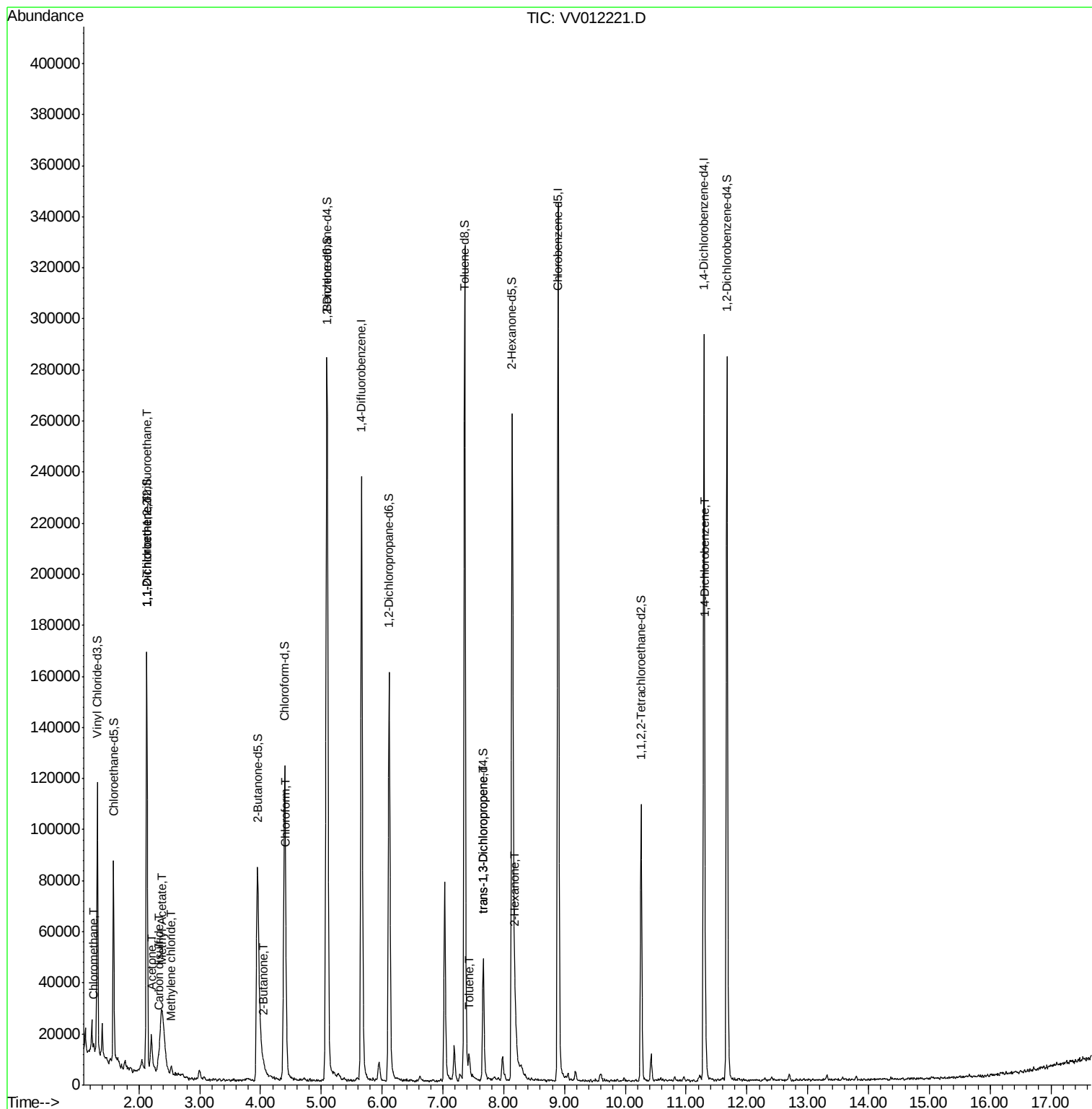
						Qvalue
3) Chloromethane	1.25	50	1598	0.093	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	913	0.081	ug/L #	38
12) 1,1-Dichloroethene	2.14	96	1040	0.099	ug/L #	1
13) Acetone	2.21	43	18157	11.018	ug/L	94
14) Carbon disulfide	2.32	76	5047	0.165	ug/L #	94
15) Methyl Acetate	2.37	43	8075	1.941	ug/L #	51
16) Methylene chloride	2.53	84	1129	0.100	ug/L	96
21) 2-Butanone	4.05	43	3788	1.124	ug/L	88
25) Chloroform	4.42	83	2951	0.102	ug/L	93
42) Toluene	7.43	91	5768	0.093	ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	1590	0.101	ug/L	90
48) 2-Hexanone	8.19	43	12811	2.275	ug/L #	91
63) 1,4-Dichlorobenzene	11.32	146	1660	0.062	ug/L #	78

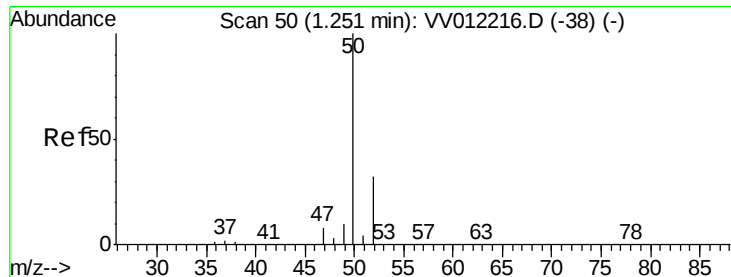
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012221.D

Acq: 13 Aug 2019 18:12

Instrument :

MSVOA_V

ClientSampleId :

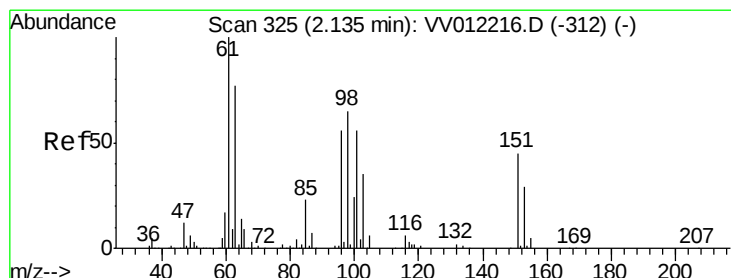
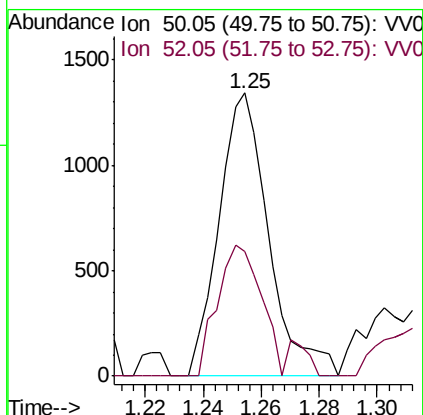
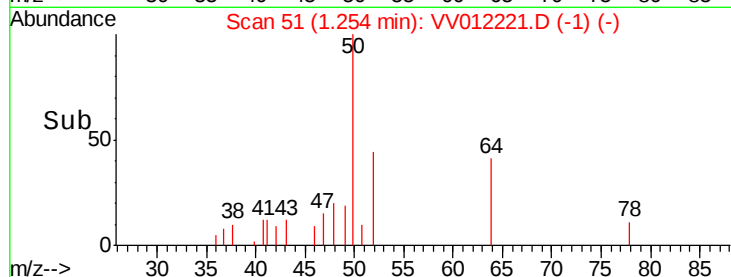
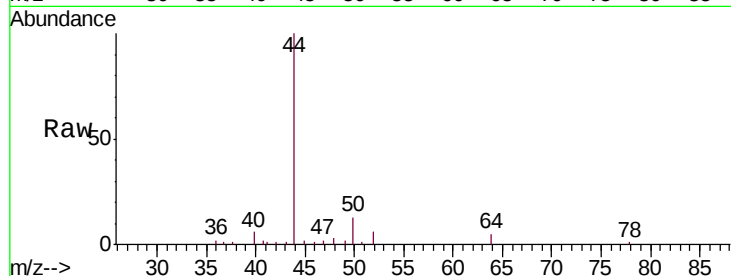
C0AJ2

Tgt Ion: 50 Resp: 1598

Ion Ratio Lower Upper

50 100

52 44.0 22.6 42.0#



#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012221.D

Acq: 13 Aug 2019 18:12

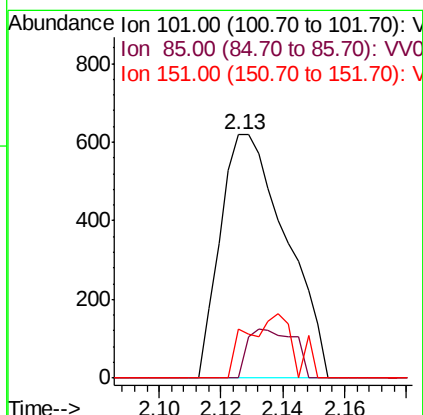
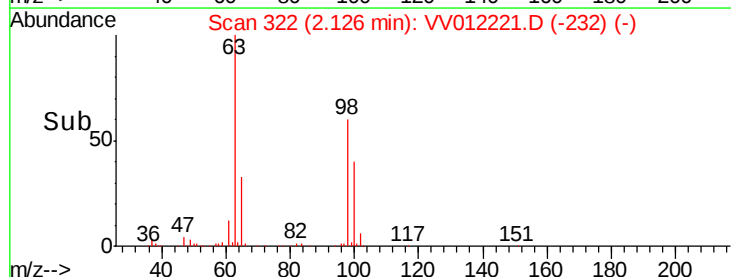
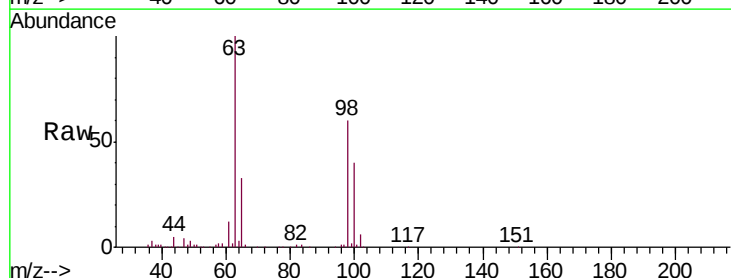
Tgt Ion: 101 Resp: 913

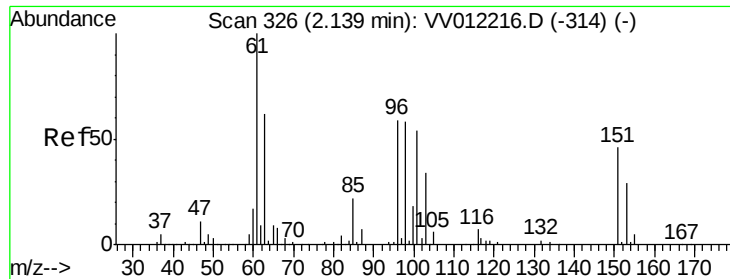
Ion Ratio Lower Upper

101 100

85 14.1 33.7 50.5#

151 18.8 66.3 99.5#

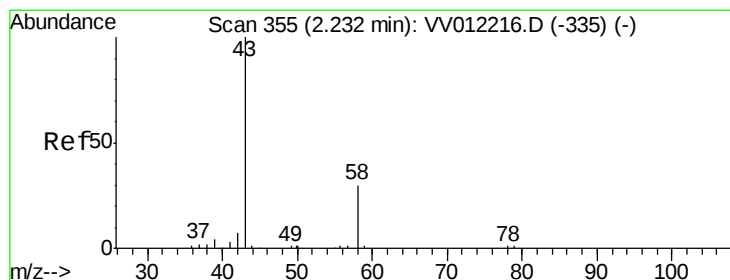
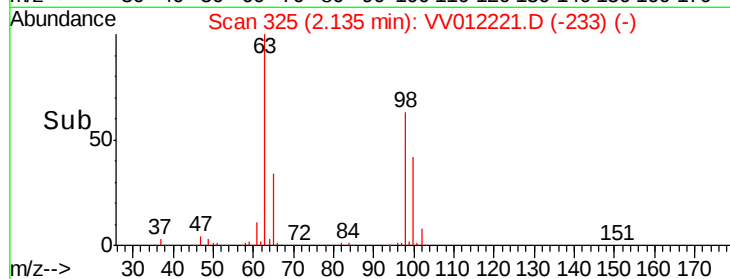
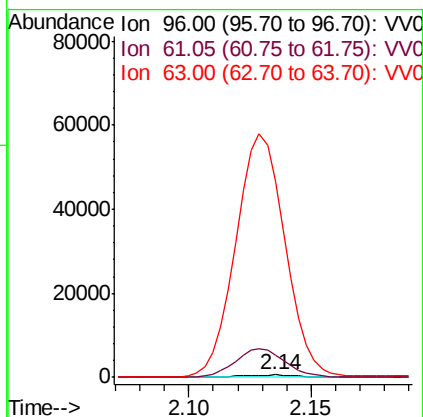
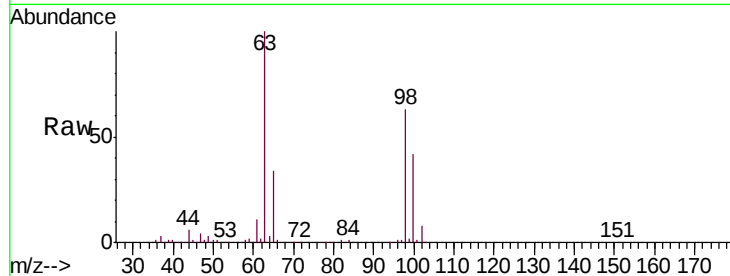




#12
 1,1-Dichloroethene
 Concen: 0.099 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV012221.D
 Acq: 13 Aug 2019 18:12

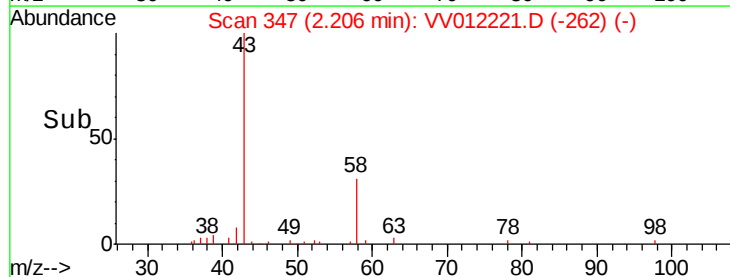
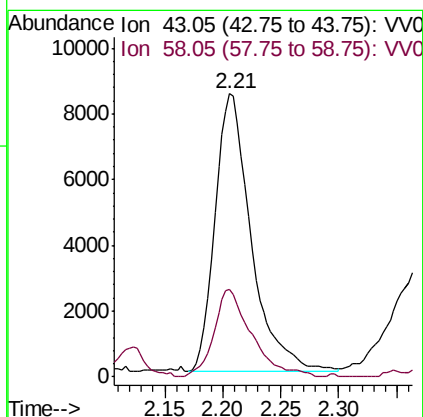
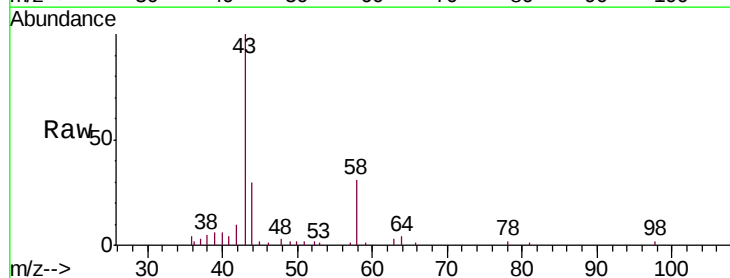
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

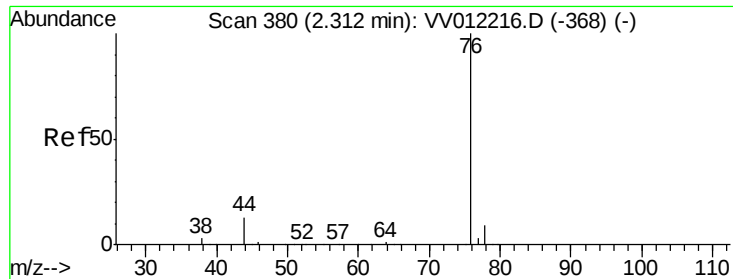
Tgt Ion: 96 Resp: 1040
 Ion Ratio Lower Upper
 96 100
 61 905.2 119.3 221.5#
 63 8060.7 74.9 139.1#



#13
 Acetone
 Concen: 11.018 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.03 min
 Lab File: VV012221.D
 Acq: 13 Aug 2019 18:12

Tgt Ion: 43 Resp: 18157
 Ion Ratio Lower Upper
 43 100
 58 33.2 0.0 59.4





#14

Carbon disulfide

Concen: 0.165 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV012221.D

Acq: 13 Aug 2019 18:12

Instrument :

MSVOA_V

ClientSampleId :

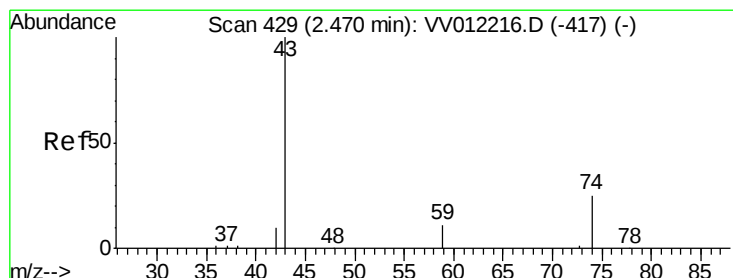
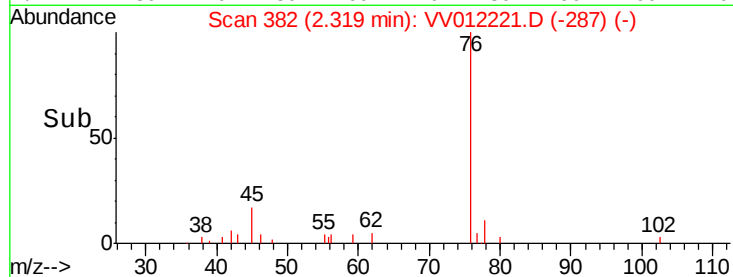
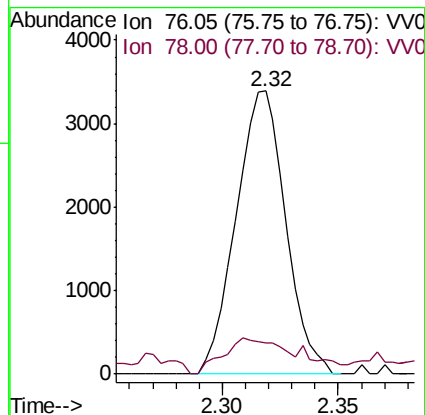
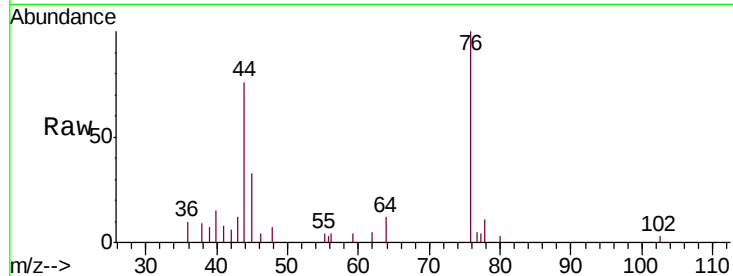
C0AJ2

Tgt Ion: 76 Resp: 5047

Ion Ratio Lower Upper

76 100

78 11.2 7.2 10.8#



#15

Methyl Acetate

Concen: 1.941 ug/L

RT: 2.37 min Scan# 399

Delta R.T. -0.10 min

Lab File: VV012221.D

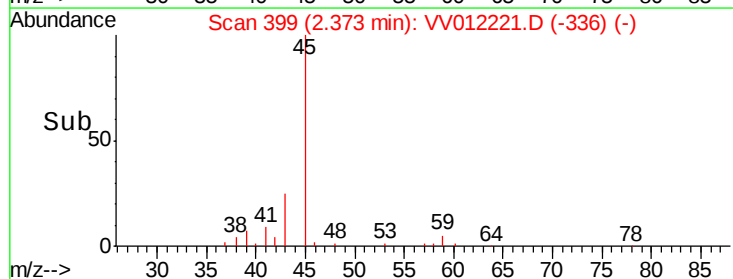
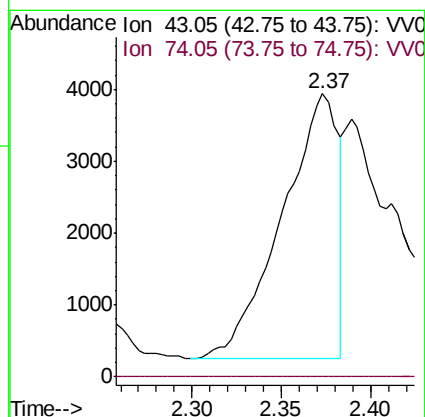
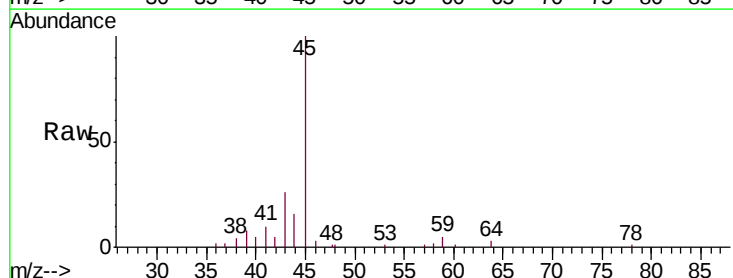
Acq: 13 Aug 2019 18:12

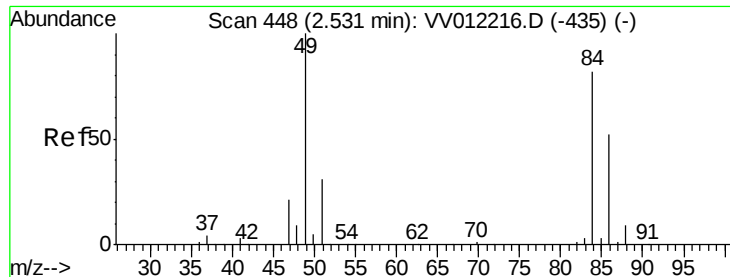
Tgt Ion: 43 Resp: 8075

Ion Ratio Lower Upper

43 100

74 0.8 20.3 30.5#

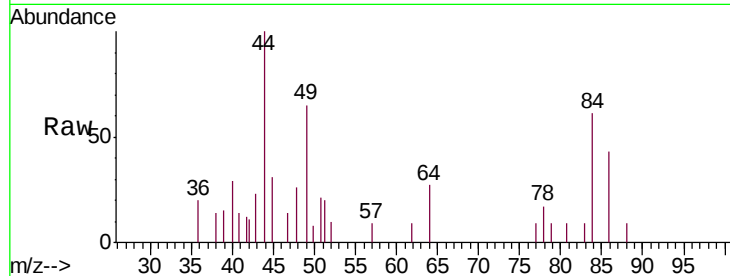




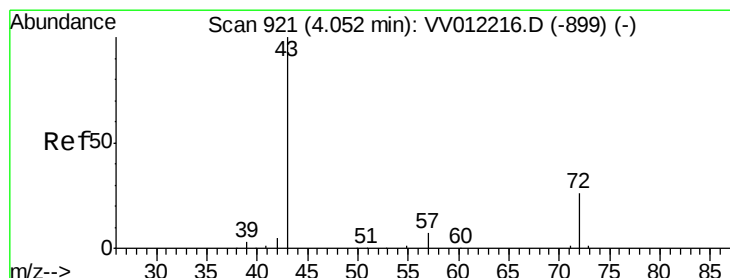
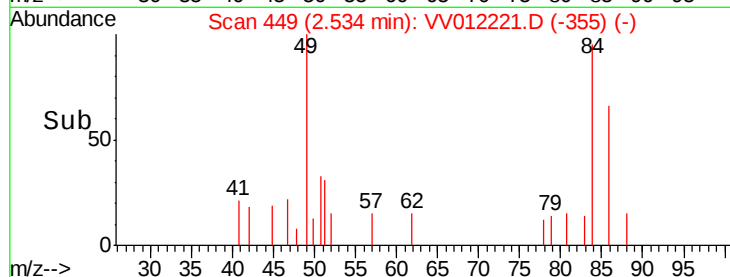
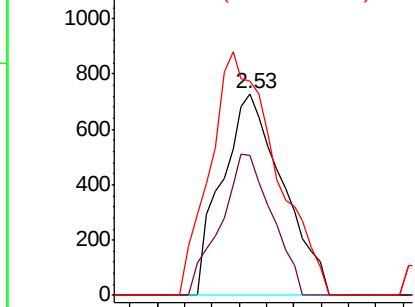
#16
Methylene chloride
Concen: 0.100 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012221.D
Acq: 13 Aug 2019 18:12

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2

Tgt Ion: 84 Resp: 1129
Ion Ratio Lower Upper
84 100
86 69.6 44.4 82.5
49 119.6 85.1 158.1

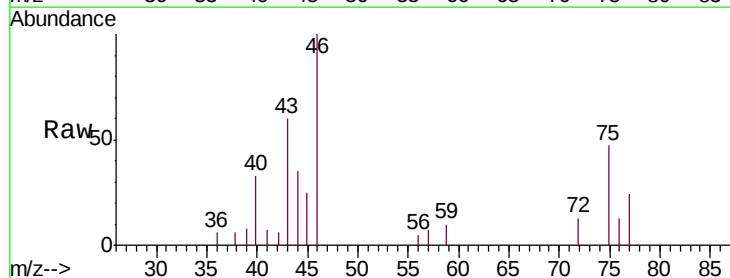


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

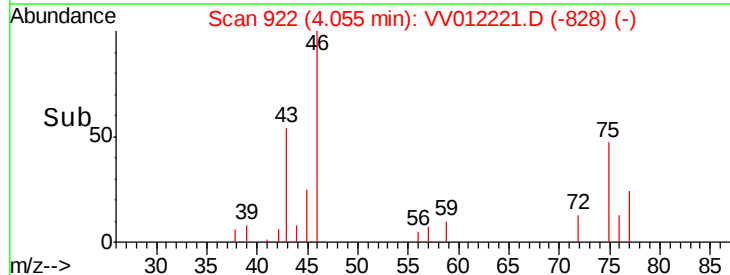
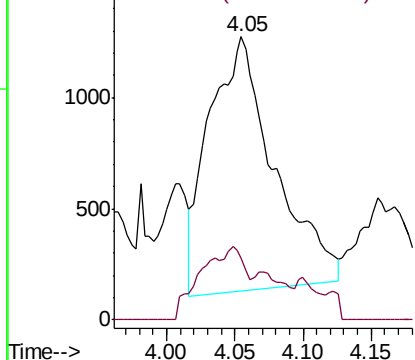


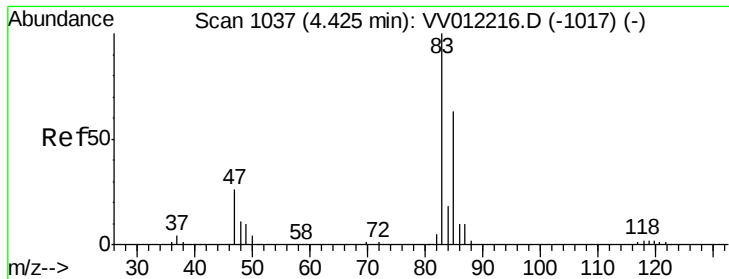
#21
2-Butanone
Concen: 1.124 ug/L
RT: 4.05 min Scan# 922
Delta R.T. 0.00 min
Lab File: VV012221.D
Acq: 13 Aug 2019 18:12

Tgt Ion: 43 Resp: 3788
Ion Ratio Lower Upper
43 100
72 19.8 12.9 38.7



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0

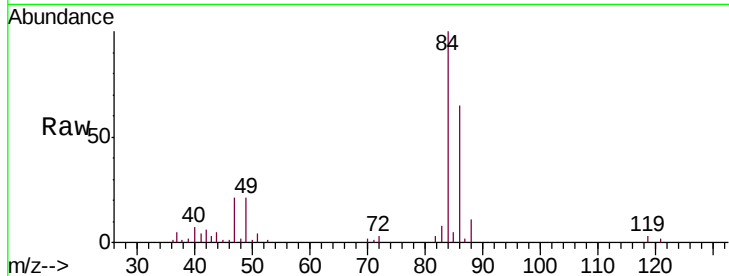




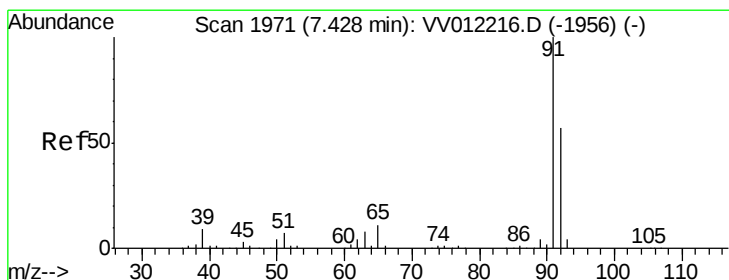
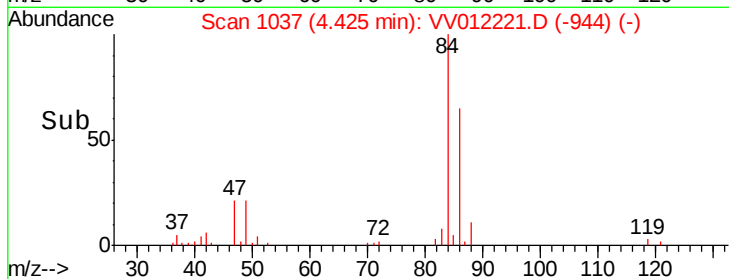
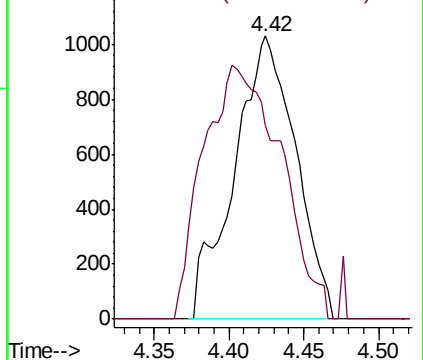
#25
Chloroform
Concen: 0.102 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012221.D
Acq: 13 Aug 2019 18:12

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2

Tgt Ion: 83 Resp: 2951
Ion Ratio Lower Upper
83 100
85 68.6 44.3 82.3

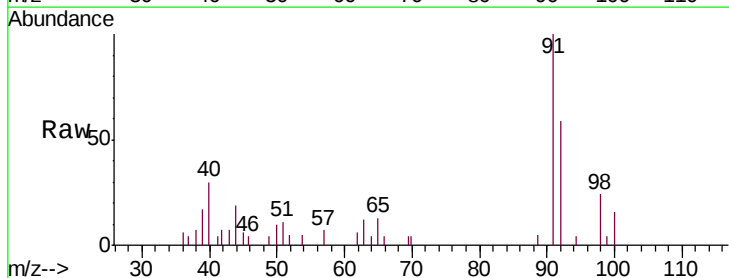


Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

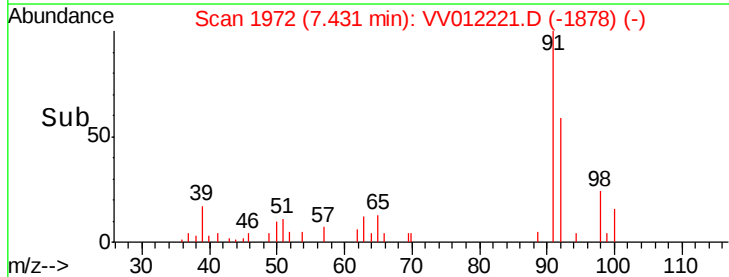
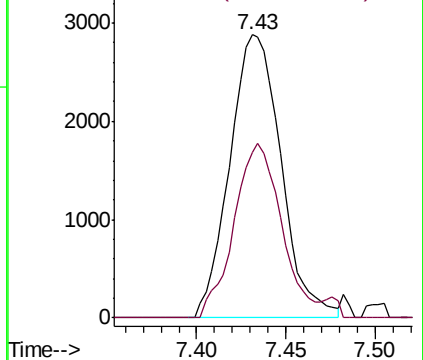


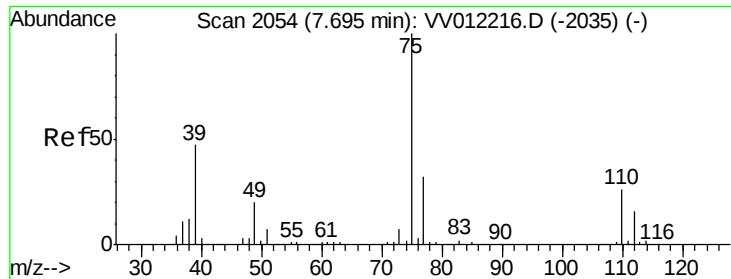
#42
Toluene
Concen: 0.093 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012221.D
Acq: 13 Aug 2019 18:12

Tgt Ion: 91 Resp: 5768
Ion Ratio Lower Upper
91 100
92 58.5 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0

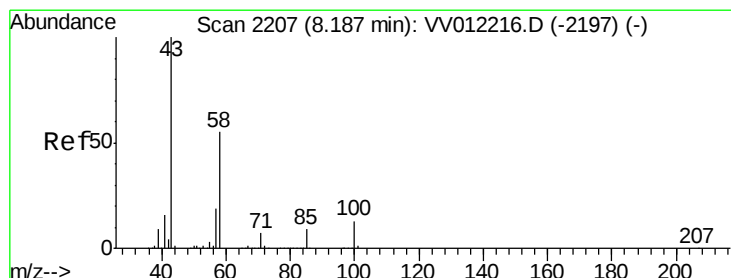
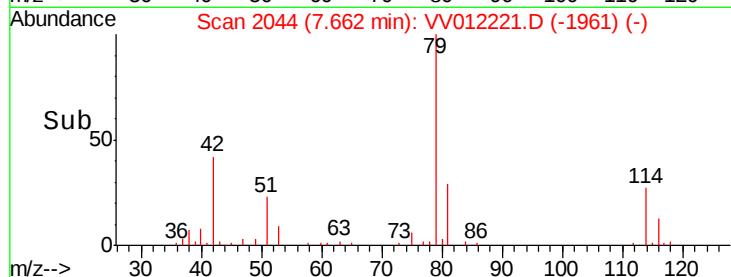
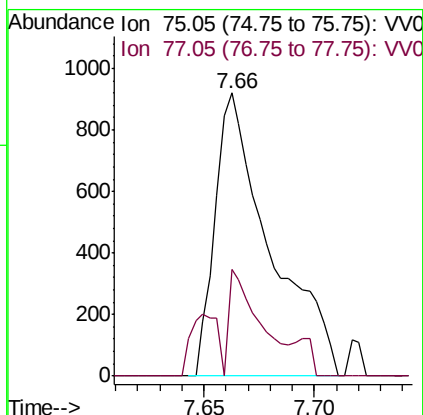
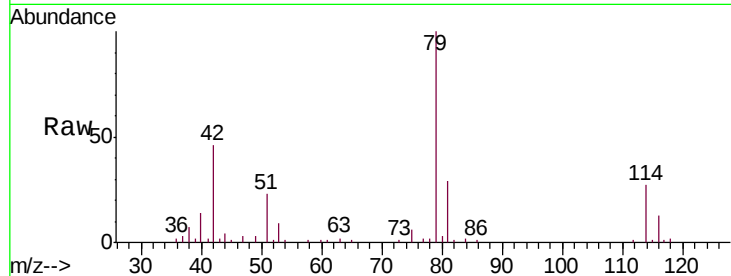




#44
trans-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012221.D
Acq: 13 Aug 2019 18:12

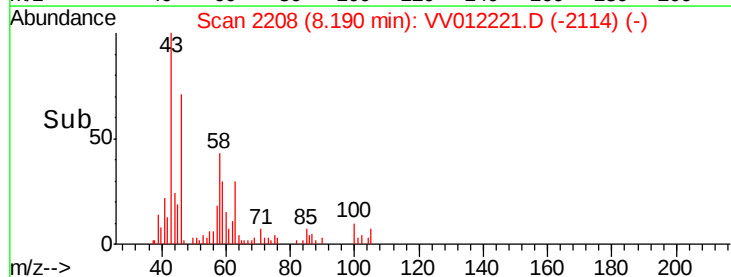
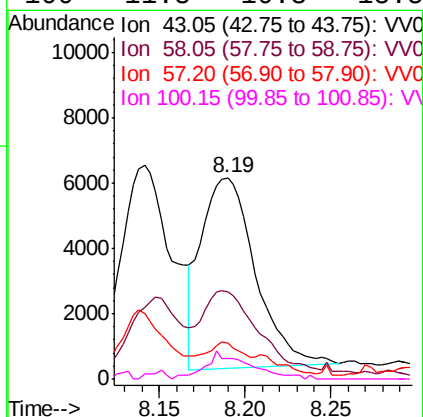
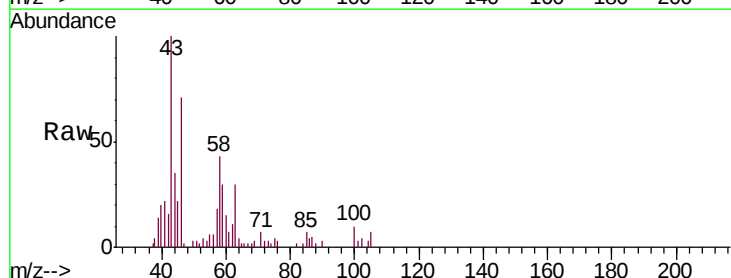
Instrument :
MSVOA_V
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C0AJ2

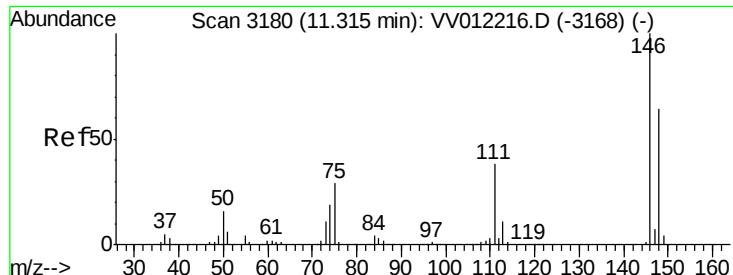
Tgt Ion: 75 Resp: 1590
Ion Ratio Lower Upper
75 100
77 37.8 22.5 41.7



#48
2-Hexanone
Concen: 2.275 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012221.D
Acq: 13 Aug 2019 18:12

Tgt Ion: 43 Resp: 12811
Ion Ratio Lower Upper
43 100
58 51.8 43.0 64.4
57 5.3 14.9 22.3#
100 11.8 10.3 15.5





#63
 1,4-Dichlorobenzene
 Concen: 0.062 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV012221.D
 Acq: 13 Aug 2019 18:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

Tgt Ion:	146	Resp:	1660
Ion	Ratio	Lower	Upper
146	100		
111	42.4	27.0	50.2
148	38.8	44.5	82.7#

