

Data File : VV012821.D
Acq On : 16 Sep 2019 02:19
Operator : SY/MD
Sample : K4834-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MD8

Quant Time: Sep 16 08:20:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	374557	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374679	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	129148	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	209686	8.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	165.00%#
7) Chloroethane-d5	1.58	69	173236	8.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	164.80%#
11) 1,1-Dichloroethene-d2	2.13	63	257426	6.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	125.40%#
20) 2-Butanone-d5	3.97	46	438841	71.77	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.54%#
24) Chloroform-d	4.40	84	331132	7.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	143.40%#
26) 1,2-Dichloroethane-d4	5.08	65	174286	7.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	157.80%#
32) Benzene-d6	5.10	84	675233	7.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	150.80%#
36) 1,2-Dichloropropane-d6	6.12	67	210131	7.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	147.80%#
41) Toluene-d8	7.36	98	532743	6.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.80%#
43) trans-1,3-Dichloropropene-	7.66	79	63598	6.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	130.20%#
46) 2-Hexanone-d5	8.14	63	222769	60.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	119943	5.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	178446	8.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	161.60%#

Target Compounds

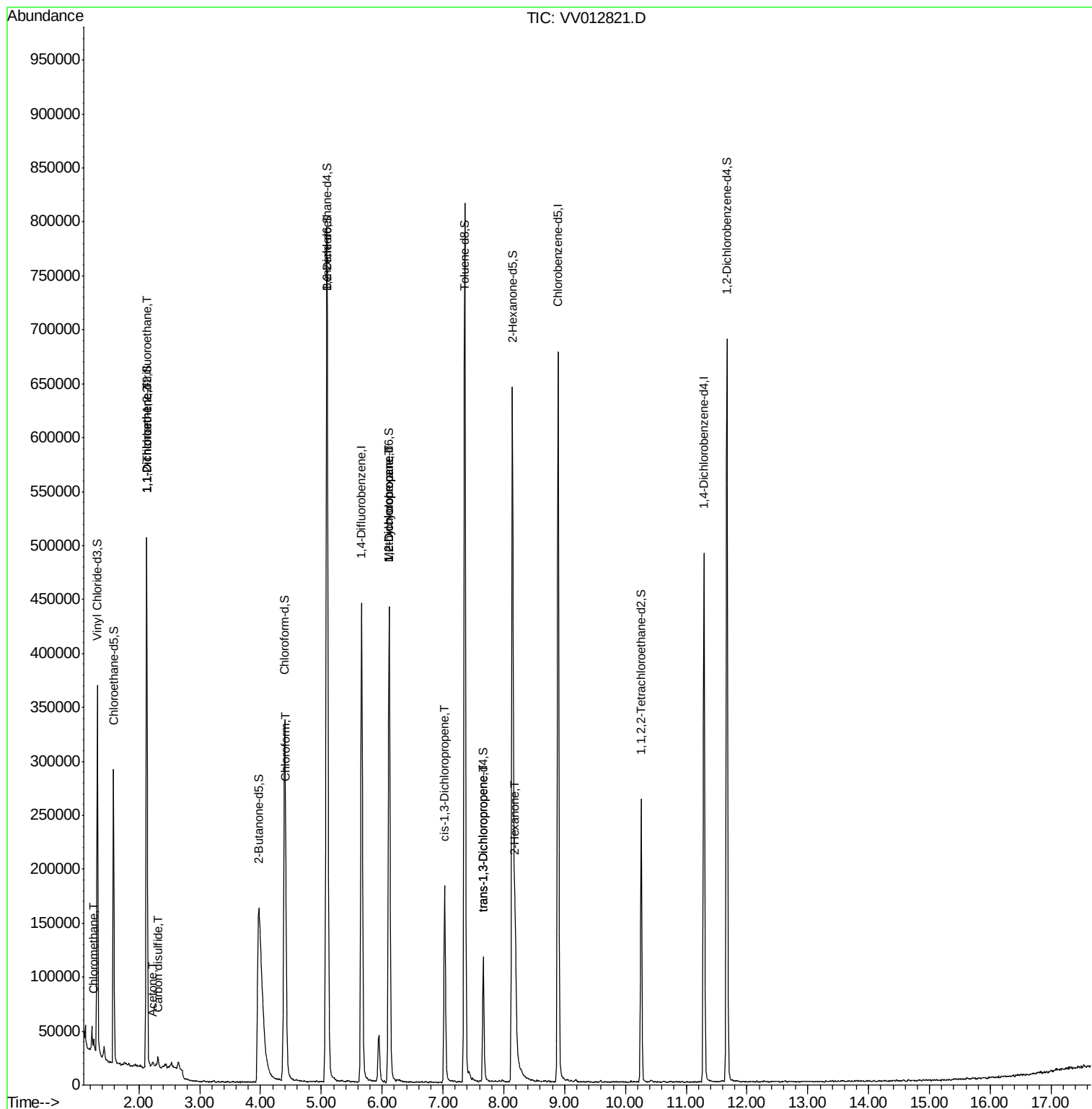
					Qvalue
3) Chloromethane	1.25	50	5692	0.178 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2429	0.099 ug/L #	23
12) 1,1-Dichloroethene	2.13	96	2444	0.105 ug/L #	1
13) Acetone	2.23	43	7617	2.125 ug/L	62
14) Carbon disulfide	2.32	76	9879	0.158 ug/L #	94
25) Chloroform	4.42	83	15960	0.294 ug/L	85
35) Methylcyclohexane	6.12	83	49816	1.165 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22085	0.810 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4635	0.130 ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	3037	0.113 ug/L	90
48) 2-Hexanone	8.19	43	75574	6.985 ug/L #	89

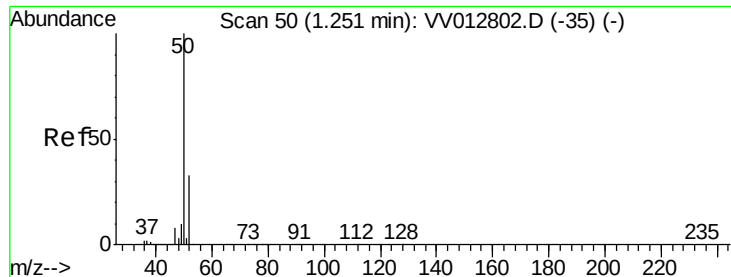
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012821.D

Acq: 16 Sep 2019 02:19

Instrument :

MSVOA_V

ClientSampled :

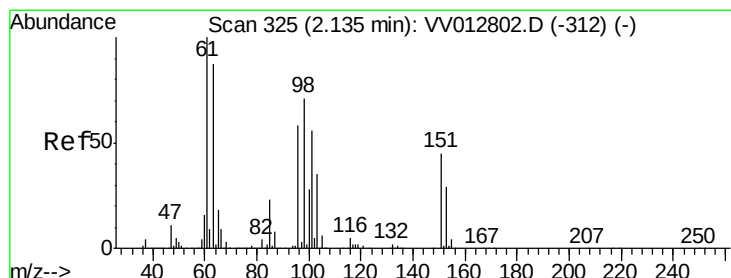
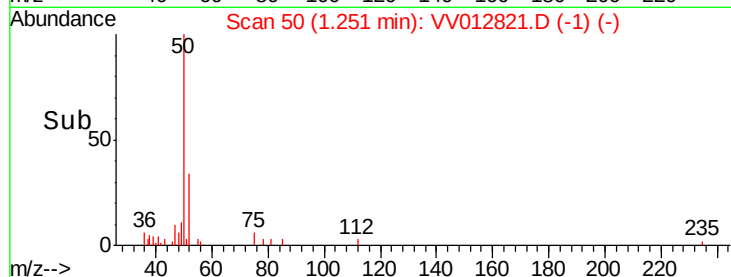
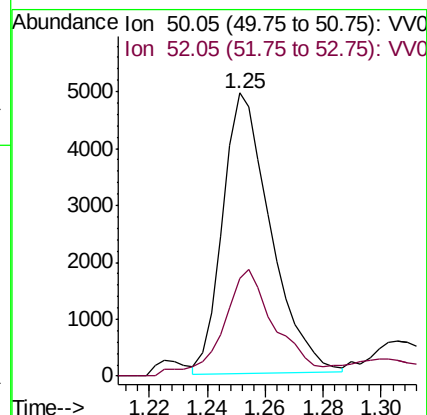
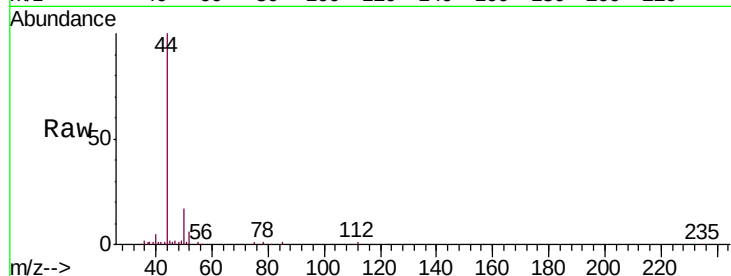
C0MD8

Tgt Ion: 50 Resp: 5692

Ion Ratio Lower Upper

50 100

52 34.5 22.9 42.5



#10

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

Concen: 0.099 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012821.D

Acq: 16 Sep 2019 02:19

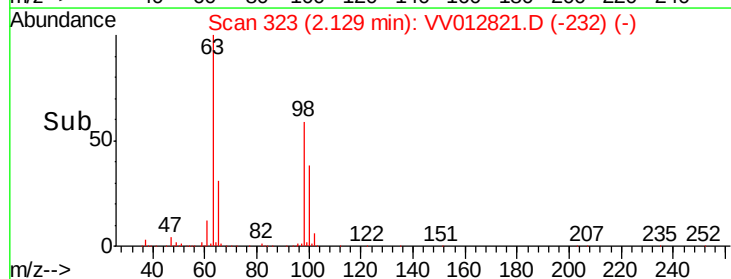
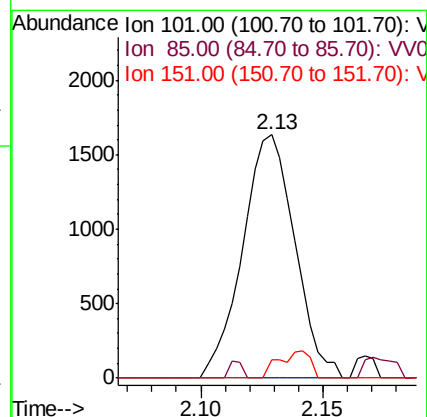
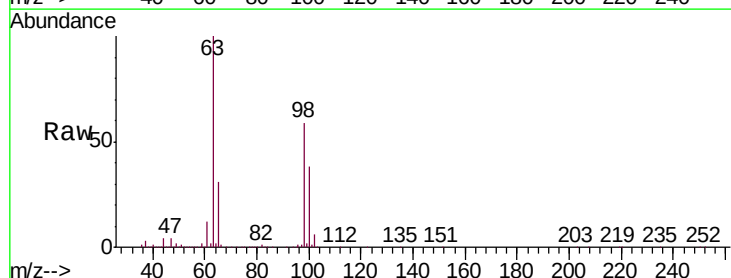
Tgt Ion: 101 Resp: 2429

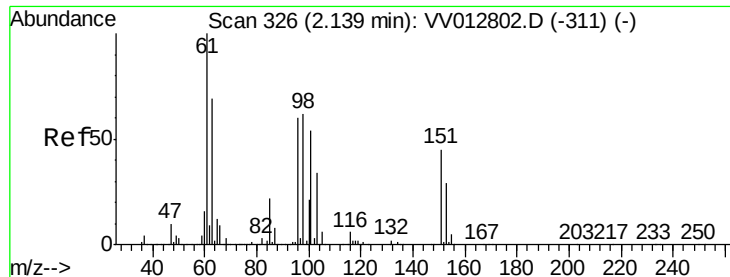
Ion Ratio Lower Upper

101 100

85 1.7 33.0 49.6#

151 6.8 65.8 98.8#

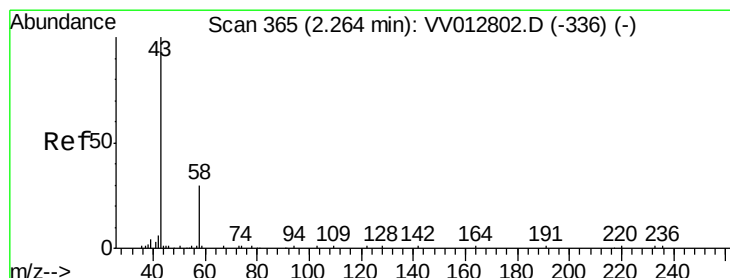
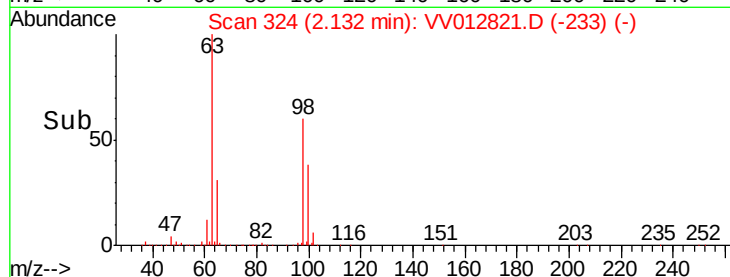
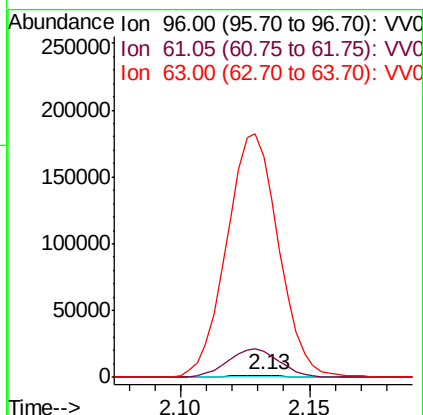
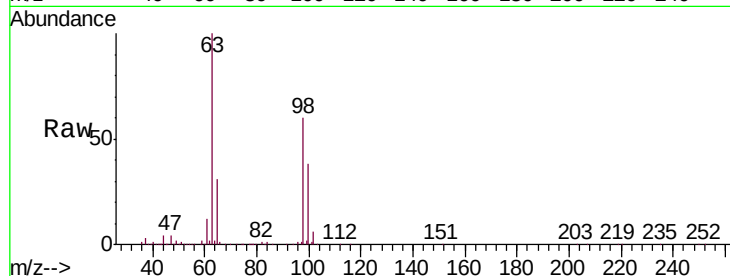




#12
 1,1-Dichloroethene
 Concen: 0.105 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012821.D
 Acq: 16 Sep 2019 02:19

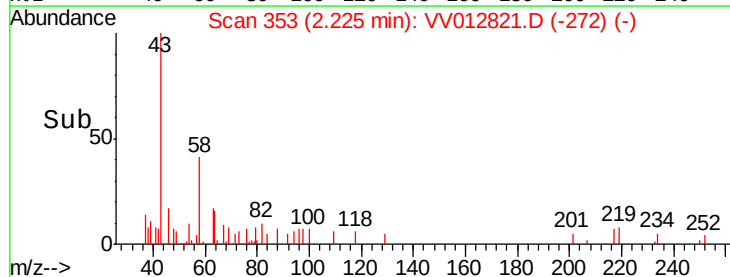
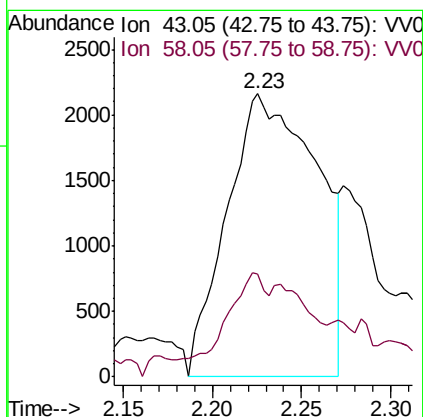
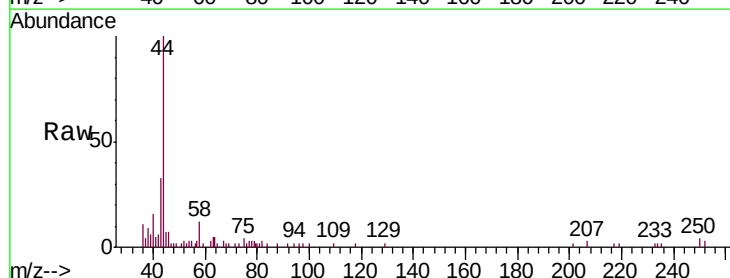
Instrument :
 MSVOA_V
 ClientSampleId :
 C0MD8

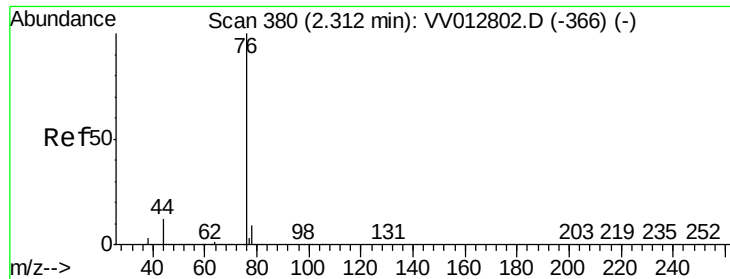
Tgt Ion: 96 Resp: 2444
 Ion Ratio Lower Upper
 96 100
 61 1234.9 115.8 215.0#
 63 10506.4 79.4 147.4#



#13
 Acetone
 Concen: 2.125 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VV012821.D
 Acq: 16 Sep 2019 02:19

Tgt Ion: 43 Resp: 7617
 Ion Ratio Lower Upper
 43 100
 58 12.3 0.0 67.4





#14

Carbon disulfide

Concen: 0.158 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012821.D

Acq: 16 Sep 2019 02:19

Instrument :

MSVOA_V

ClientSampleId :

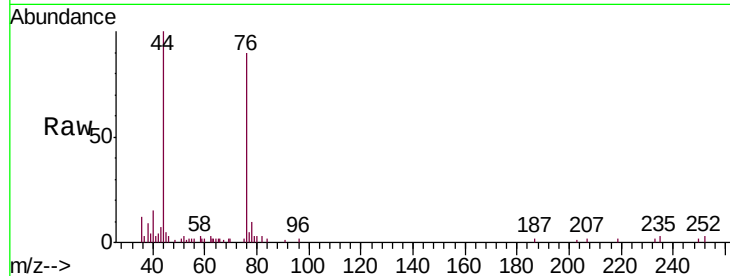
C0MD8

Tgt Ion: 76 Resp: 9879

Ion Ratio Lower Upper

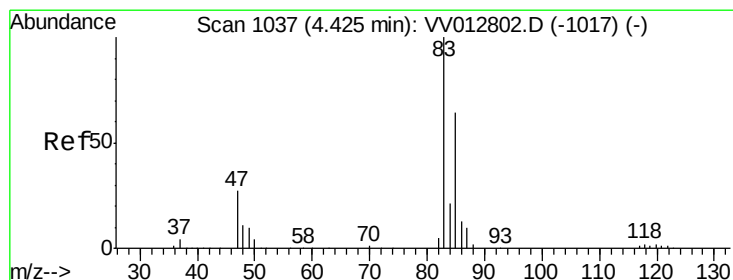
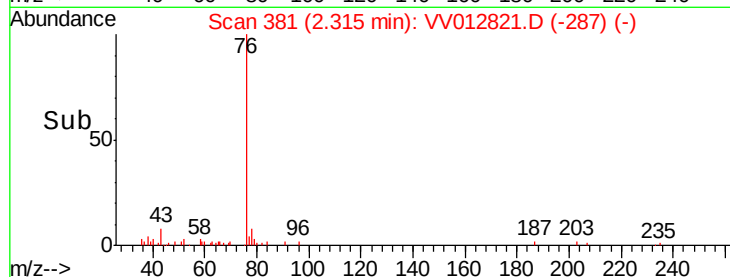
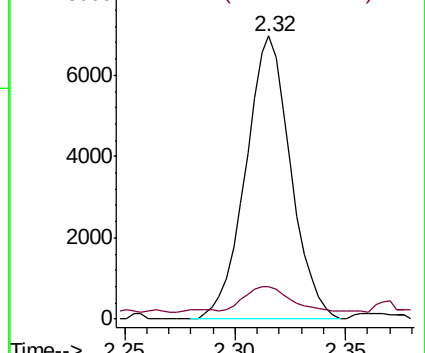
76 100

78 11.4 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VV012802.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VV012802.D (-366) (-)



#25

Chloroform

Concen: 0.294 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV012821.D

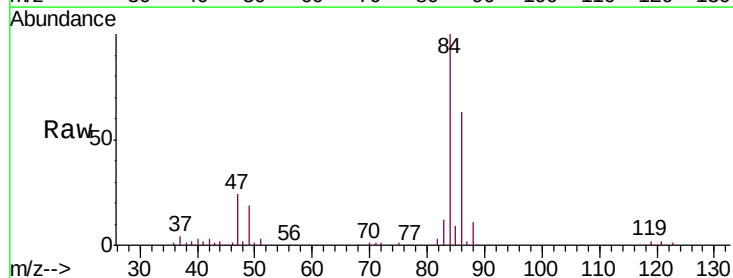
Acq: 16 Sep 2019 02:19

Tgt Ion: 83 Resp: 15960

Ion Ratio Lower Upper

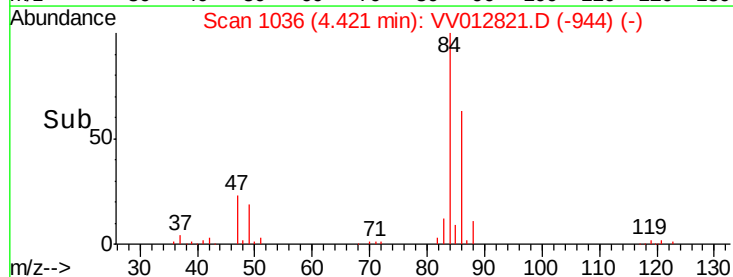
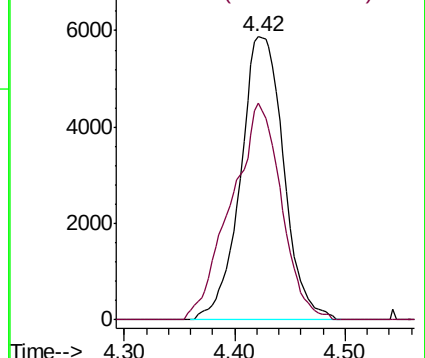
83 100

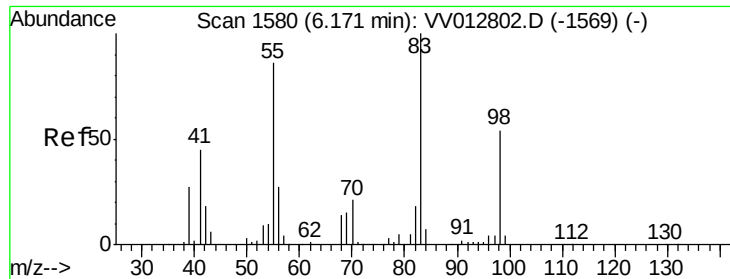
85 76.6 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV012802.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV012802.D (-1017) (-)

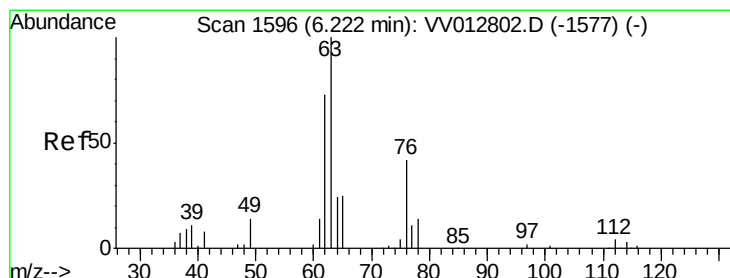
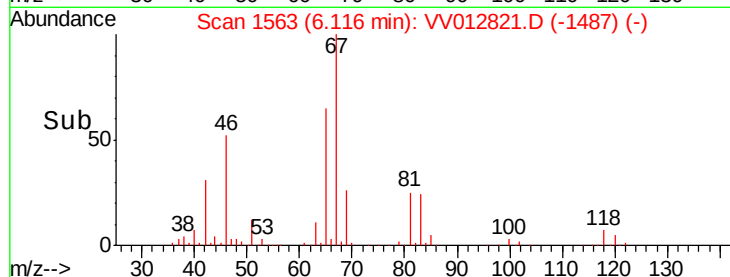
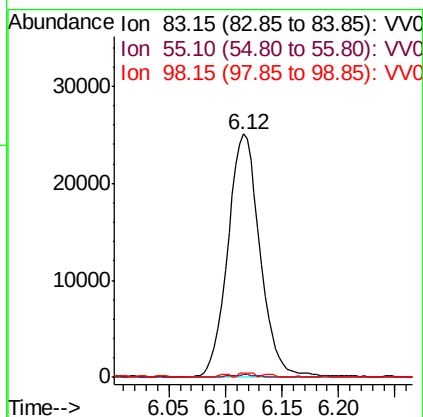
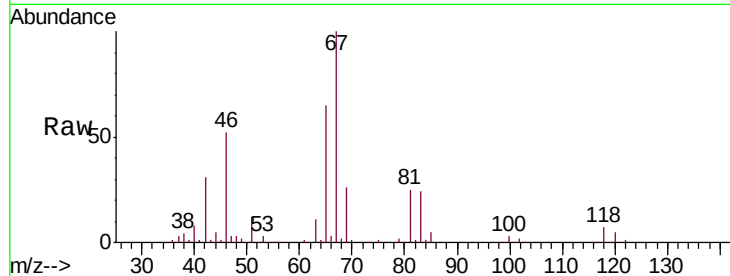




#35
Methylcyclohexane
Concen: 1.165 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012821.D
Acq: 16 Sep 2019 02:19

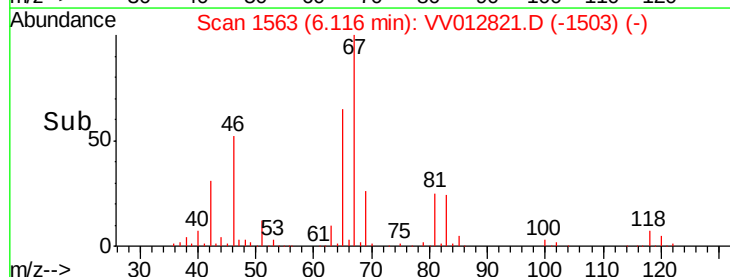
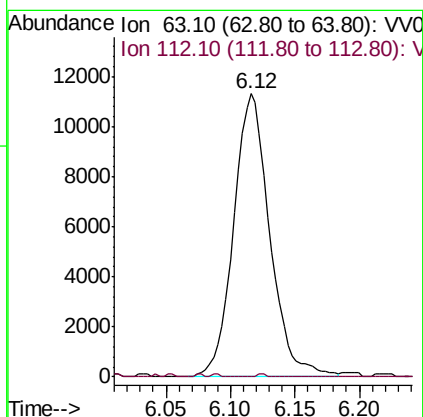
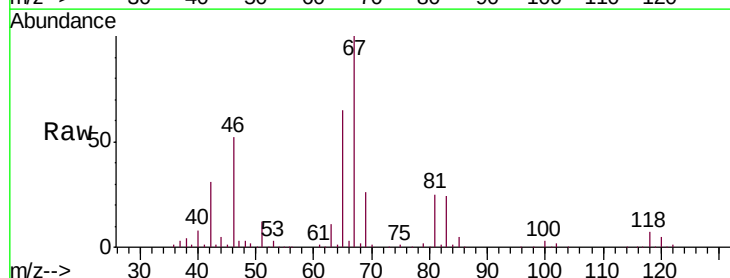
Instrument :
MSVOA_V
ClientSampleId :
COMD8

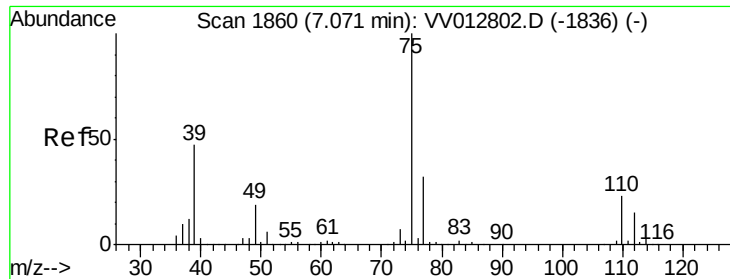
Tgt Ion: 83 Resp: 49816
Ion Ratio Lower Upper
83 100
55 0.6 63.0 94.4#
98 0.9 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.810 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV012821.D
Acq: 16 Sep 2019 02:19

Tgt Ion: 63 Resp: 22085
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#



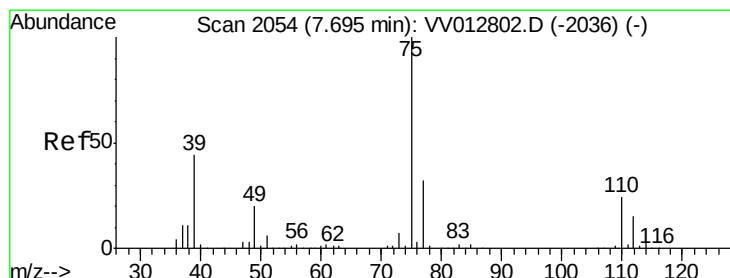
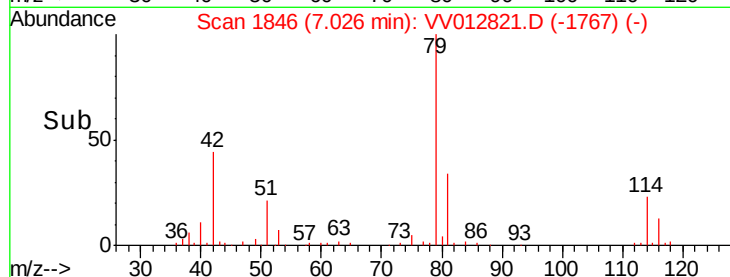
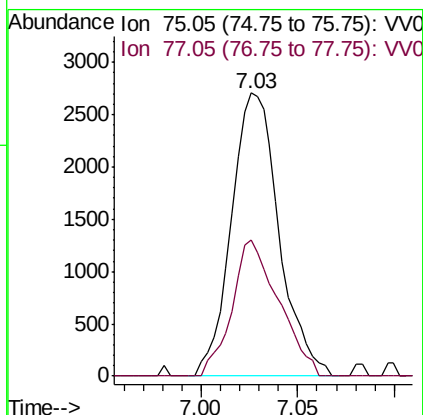
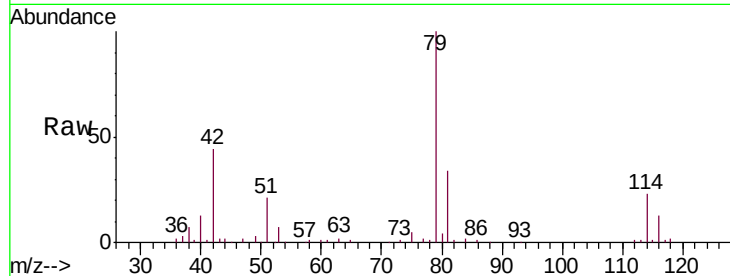


#39

cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV012821.D
Acq: 16 Sep 2019 02:19

Instrument :
MSVOA_V
ClientSampleId :
COMD8

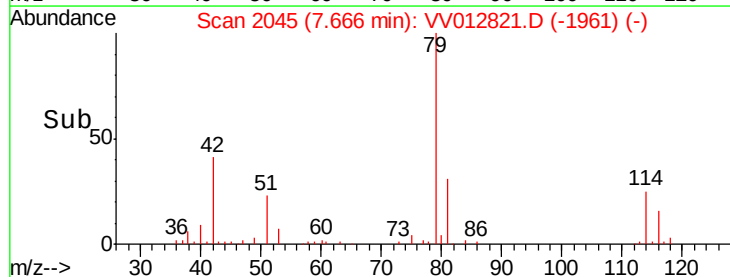
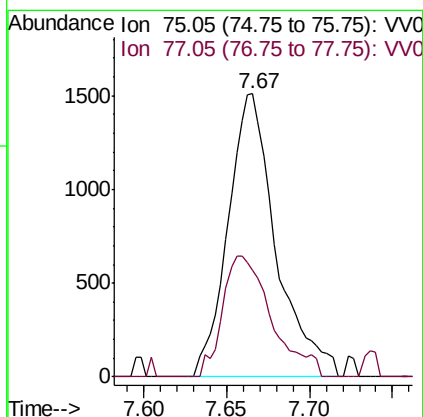
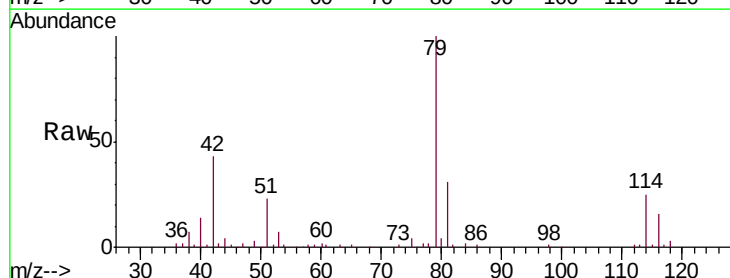
Tgt Ion: 75 Resp: 4635
Ion Ratio Lower Upper
75 100
77 48.1 22.3 41.3#

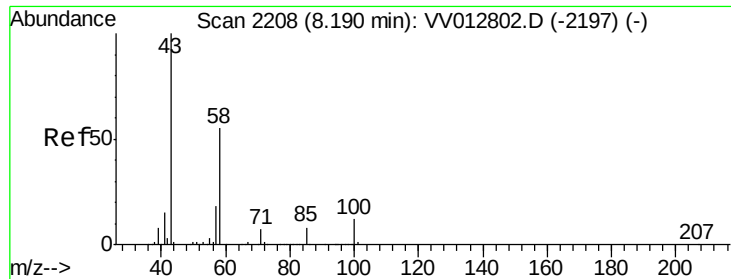


#44

trans-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012821.D
Acq: 16 Sep 2019 02:19

Tgt Ion: 75 Resp: 3037
Ion Ratio Lower Upper
75 100
77 37.6 22.4 41.6





#48

2-Hexanone

Concen: 6.985 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV012821.D

Acq: 16 Sep 2019 02:19

Instrument :
MSVOA_V
ClientSampleId :
C0MD8

Tgt Ion: 43 Resp: 75574

Ion Ratio Lower Upper

43 100

58 46.5 44.8 67.2

57 15.9 14.9 22.3

100 9.2 9.8 14.8#

