

Data File : VV011826.D
Acq On : 03 Jul 2019 12:08
Operator : SY/MD
Sample : K3608-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAML9

Quant Time: Jul 03 23:56:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 23:52:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49387	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	44087	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	76362	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.96	46	141243	55.81	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.62%
24) Chloroform-d	4.40	84	101490	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	56172	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.10	84	198762	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	61652	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	171292	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.66	79	19715	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.14	63	104322	53.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41784	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	62834	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

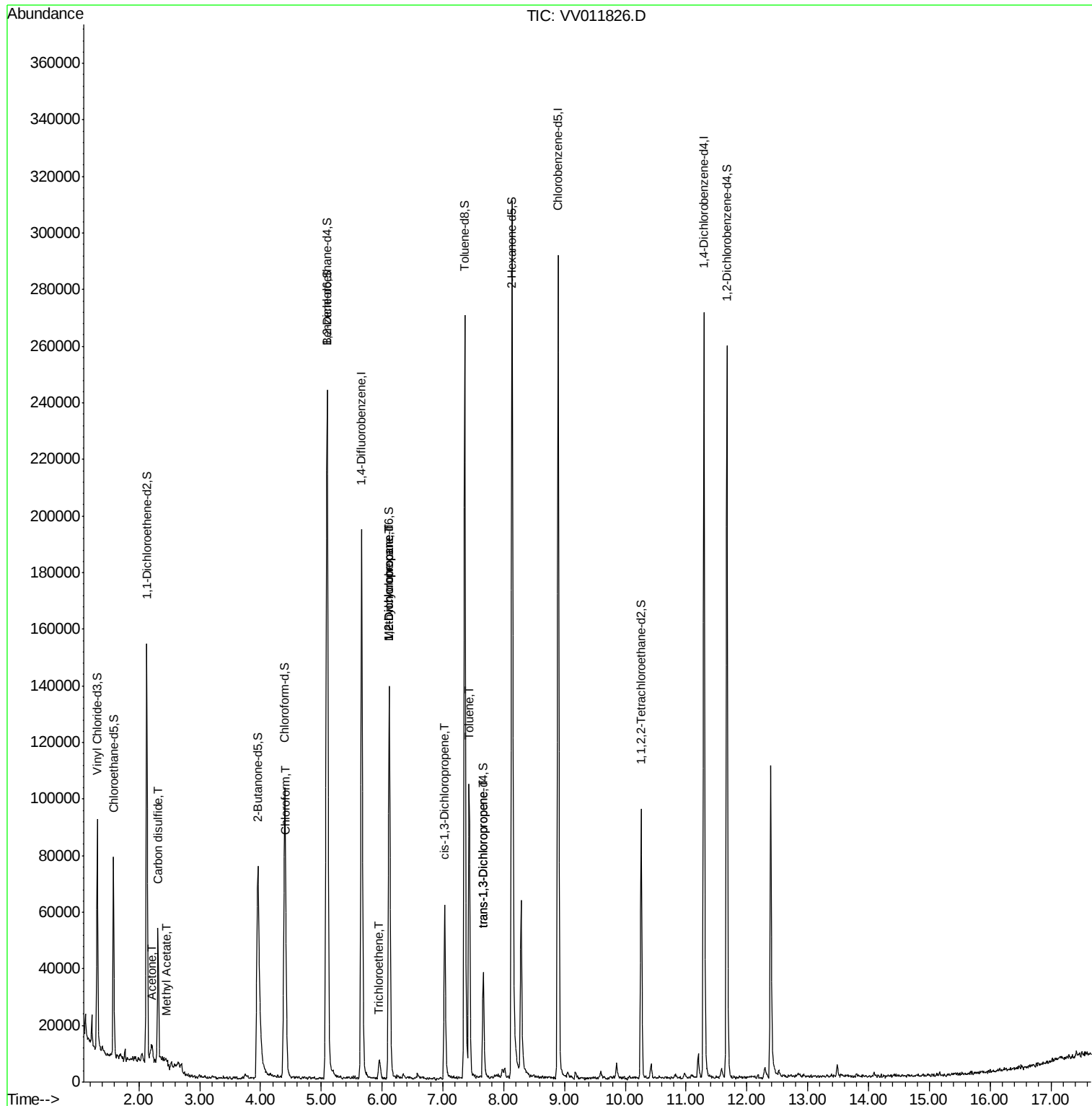
					Qvalue
13) Acetone	2.21	43	7771	4.484	ug/L 96
14) Carbon disulfide	2.32	76	48907	1.974	ug/L 99
15) Methyl Acetate	2.47	43	1345	0.279	ug/L # 74
25) Chloroform	4.42	83	2419	0.109	ug/L 93
34) Trichloroethene	5.96	95	1649	0.143	ug/L 79
35) Methylcyclohexane	6.12	83	15236	0.810	ug/L # 15
37) 1,2-Dichloropropane	6.12	63	7333	0.648	ug/L # 88
39) cis-1,3-Dichloropropene	7.03	75	1707	0.113	ug/L # 79
42) Toluene	7.43	91	69232	1.483	ug/L 98
44) trans-1,3-Dichloropropene	7.66	75	1158	0.099	ug/L # 82

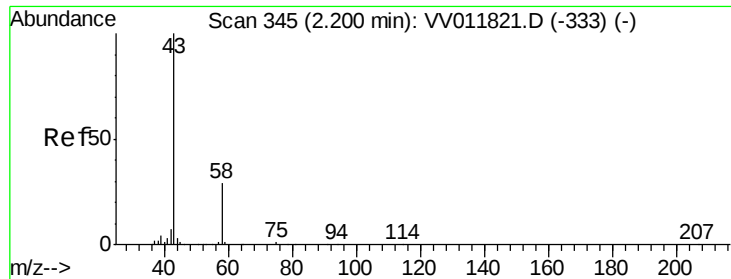
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.484 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV011826.D

Acq: 03 Jul 2019 12:08

Instrument :

MSVOA_V

ClientSampleId :

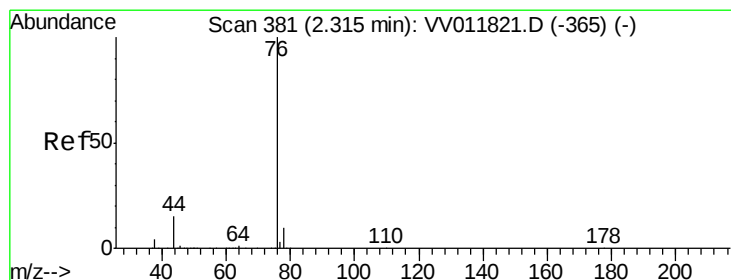
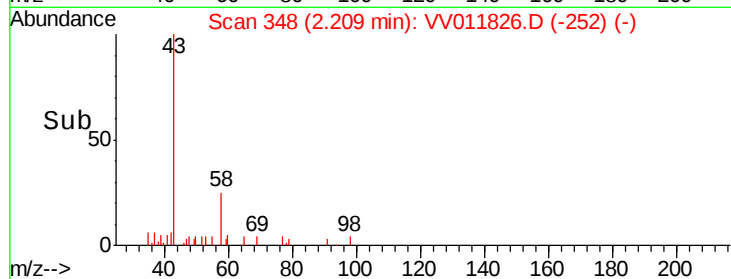
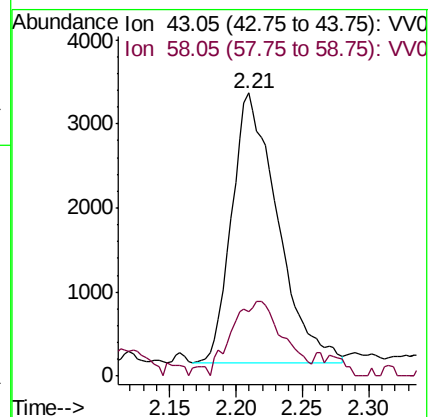
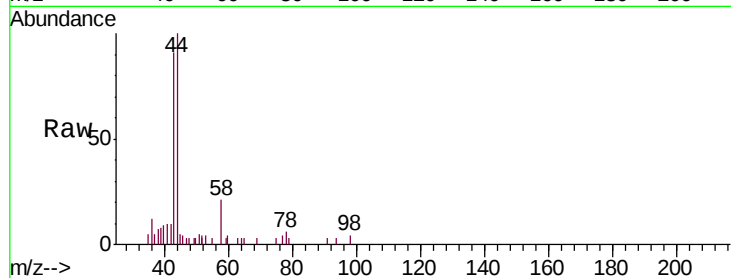
GAML9

Tgt Ion: 43 Resp: 7771

Ion Ratio Lower Upper

43 100

58 30.9 0.0 58.0



#14

Carbon disulfide

Concen: 1.974 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV011826.D

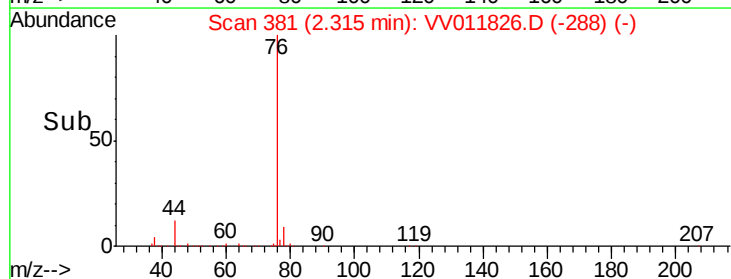
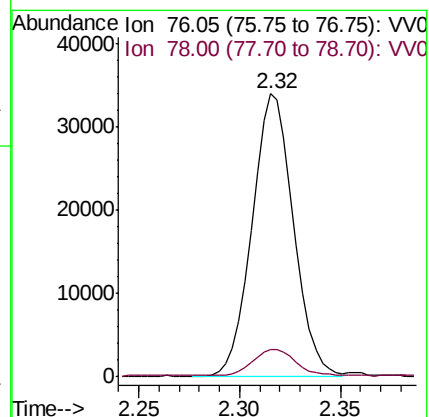
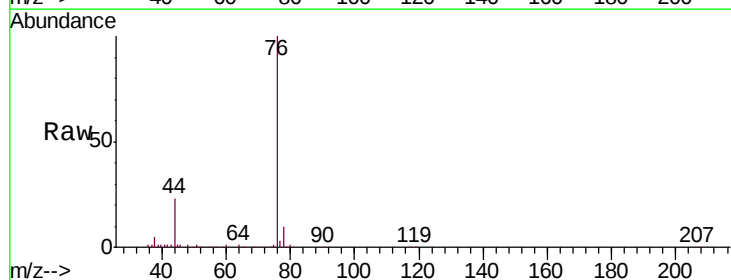
Acq: 03 Jul 2019 12:08

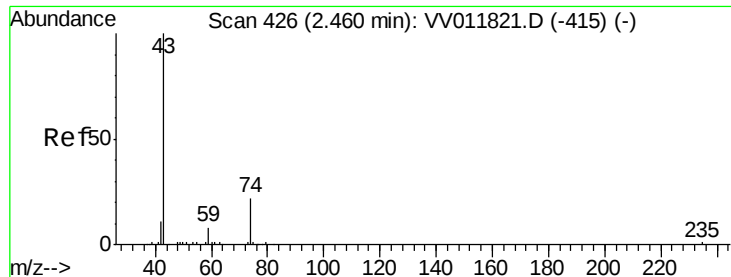
Tgt Ion: 76 Resp: 48907

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0

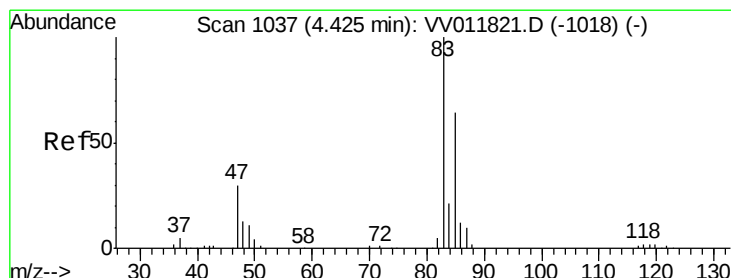
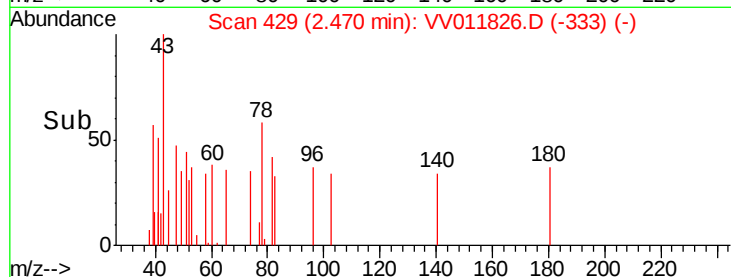
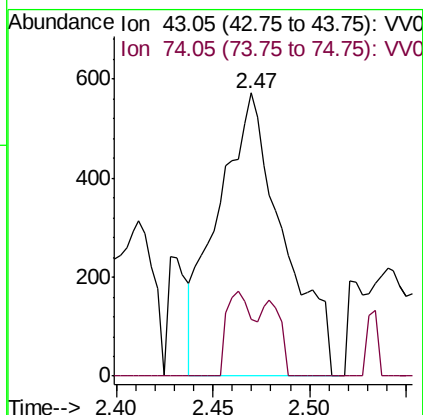
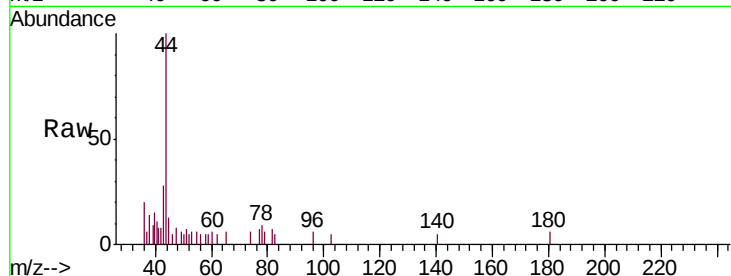




#15
Methyl Acetate
Concen: 0.279 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VV011826.D
Acq: 03 Jul 2019 12:08

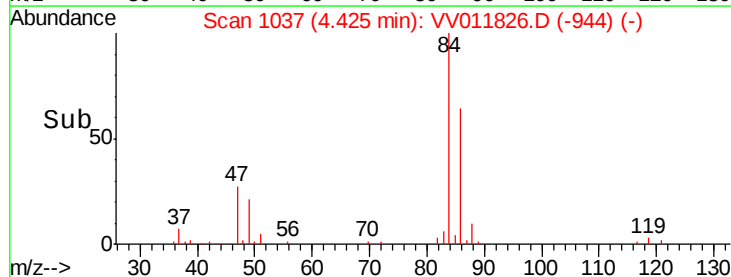
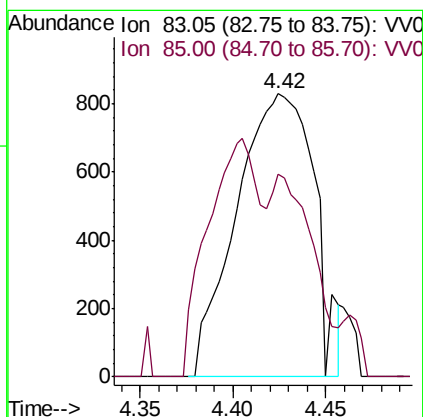
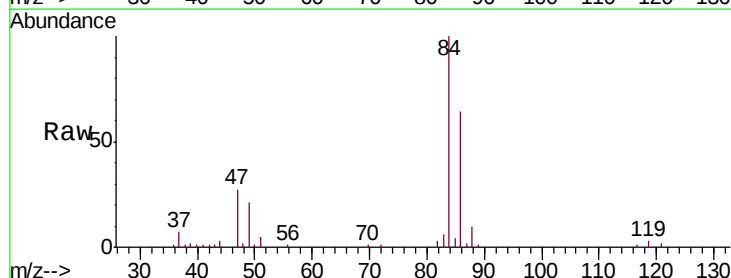
Instrument :
MSVOA_V
ClientSampleId :
GAML9

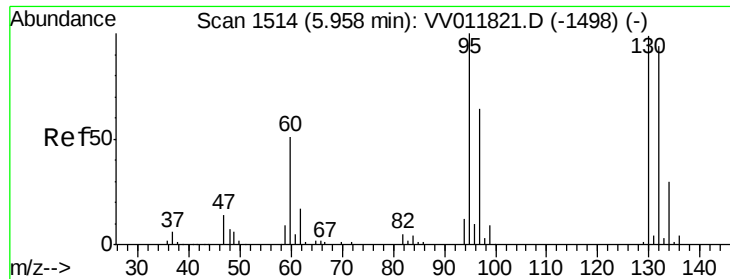
Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
74 12.0 20.2 30.4#



#25
Chloroform
Concen: 0.109 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011826.D
Acq: 03 Jul 2019 12:08

Tgt Ion: 83 Resp: 2419
Ion Ratio Lower Upper
83 100
85 71.5 45.9 85.3





#34

Trichloroethene

Concen: 0.143 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV011826.D

Acq: 03 Jul 2019 12:08

Instrument :

MSVOA_V

ClientSampleId :

GAML9

Tgt Ion: 95 Resp: 1649

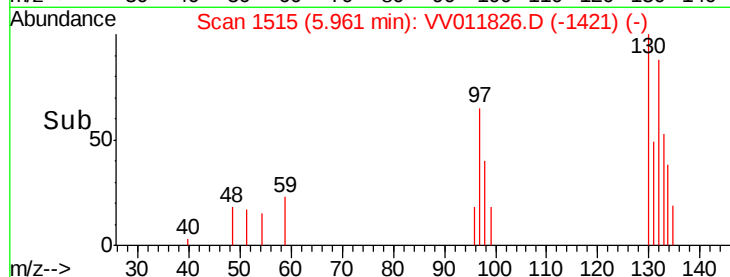
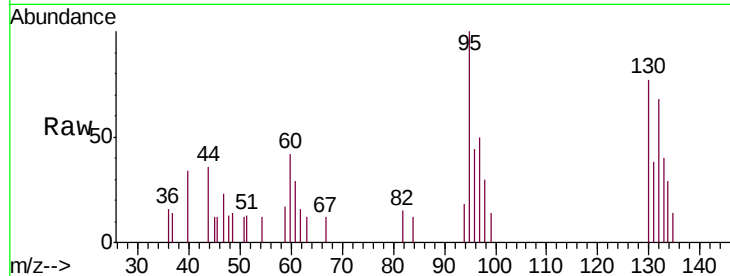
Ion Ratio Lower Upper

95 100

97 49.7 43.7 81.1

132 67.7 63.7 118.3

130 76.6 67.1 124.7

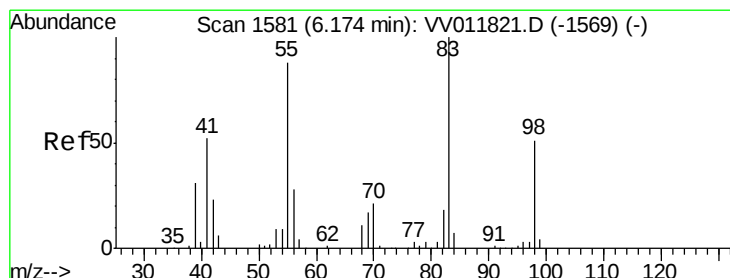
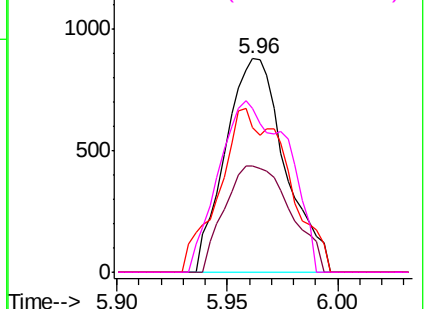


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.810 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011826.D

Acq: 03 Jul 2019 12:08

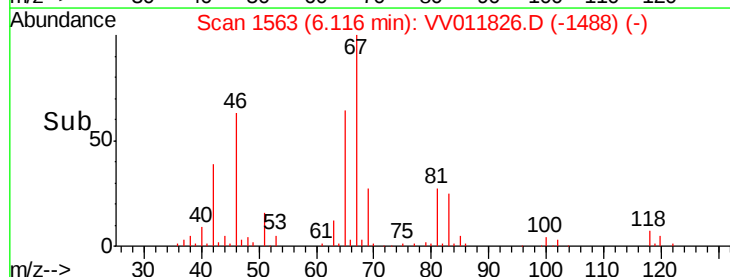
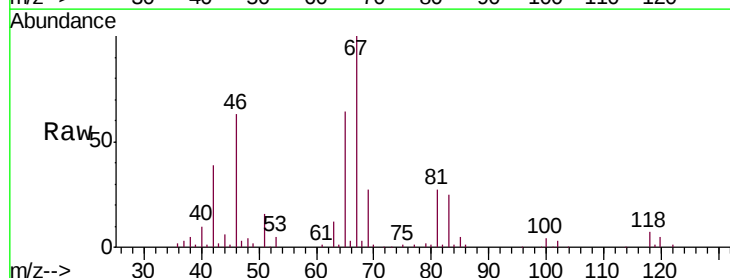
Tgt Ion: 83 Resp: 15236

Ion Ratio Lower Upper

83 100

55 0.6 67.8 101.6#

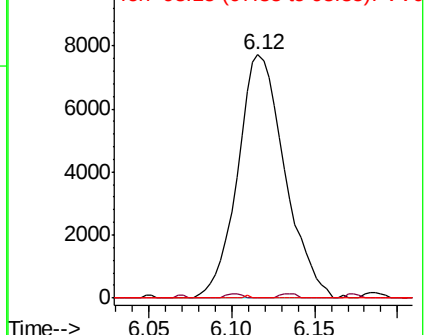
98 0.1 39.8 59.8#

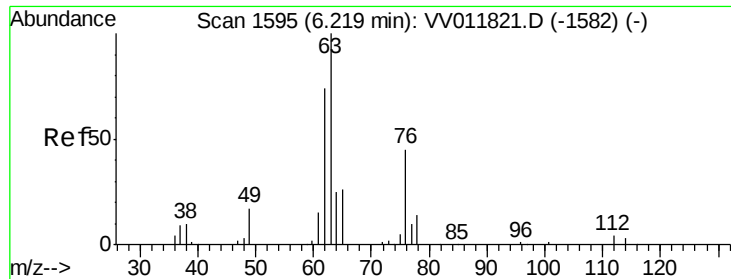


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

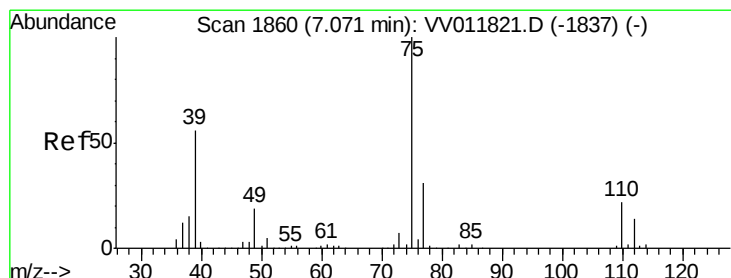
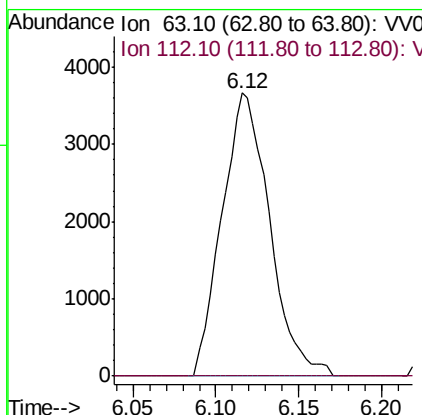
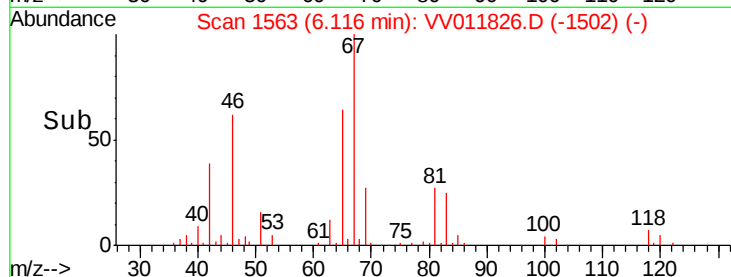
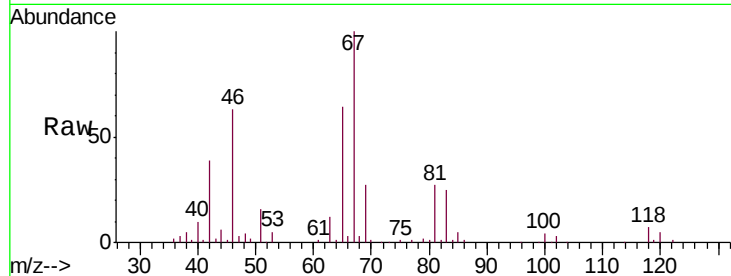




#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011826.D
 Acq: 03 Jul 2019 12:08

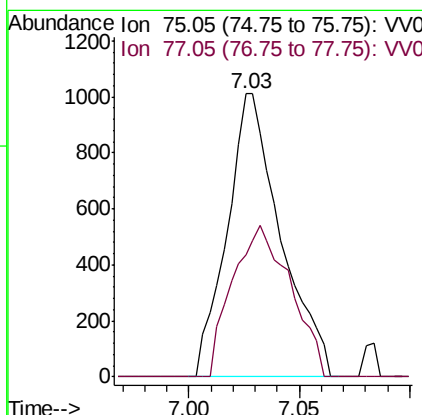
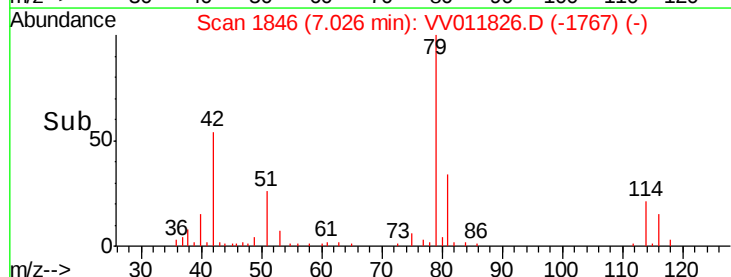
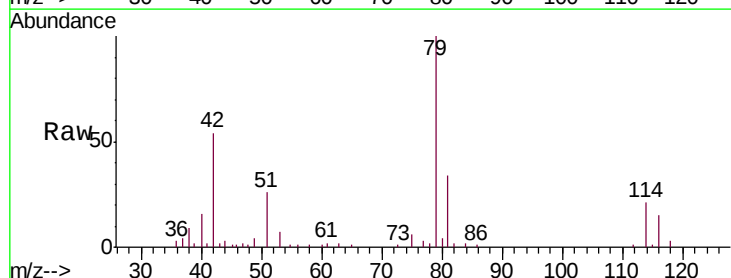
Instrument :
 MSVOA_V
 ClientSampleId :
 GAML9

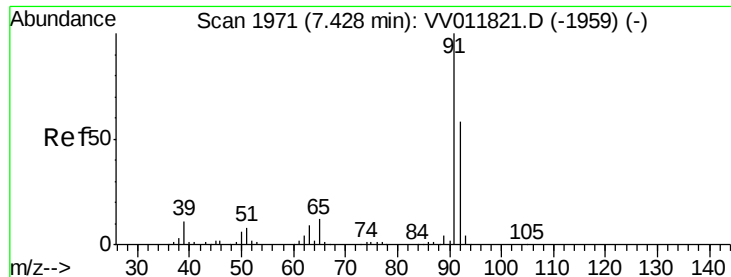
Tgt Ion: 63 Resp: 7333
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV011826.D
 Acq: 03 Jul 2019 12:08

Tgt Ion: 75 Resp: 1707
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.0 40.8#





#42

Toluene

Concen: 1.483 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011826.D

Acq: 03 Jul 2019 12:08

Instrument :

MSVOA_V

ClientSampled :

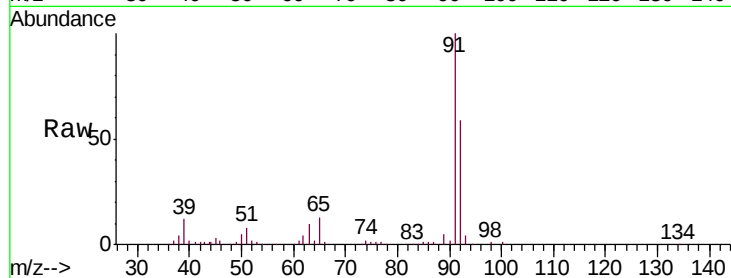
GAML9

Tgt Ion: 91 Resp: 69232

Ion Ratio Lower Upper

91 100

92 59.4 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

40000

30000

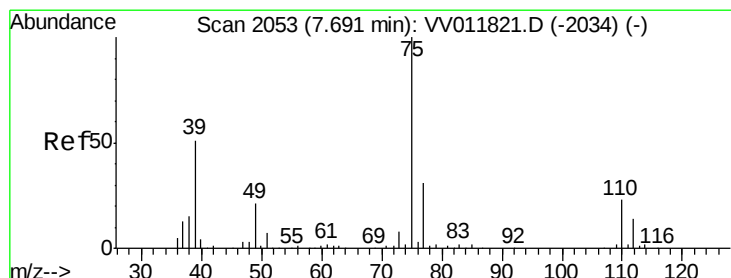
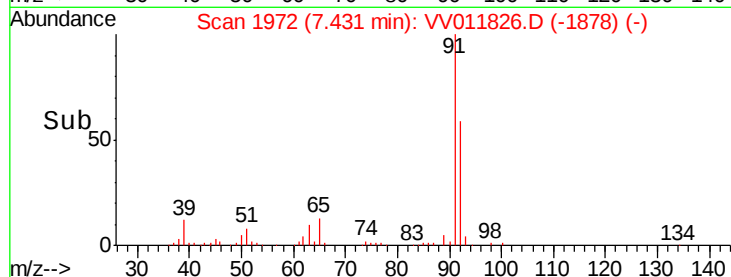
20000

10000

0

Time-->

7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011826.D

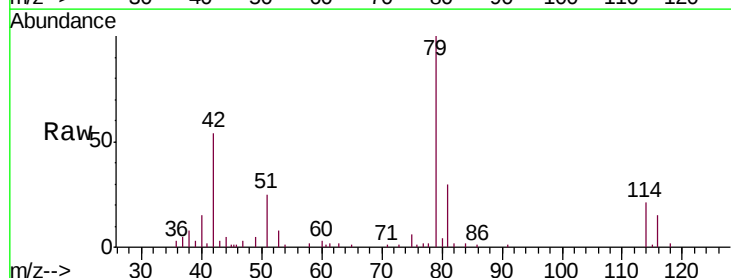
Acq: 03 Jul 2019 12:08

Tgt Ion: 75 Resp: 1158

Ion Ratio Lower Upper

75 100

77 40.7 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

600

400

200

0

Time-->

7.65 7.70

