

Data File : VV012140.D
Acq On : 08 Aug 2019 23:03
Operator : SY/MD
Sample : K4184-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA1

Quant Time: Aug 09 06:49:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 09 06:44:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	89957	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	87374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	47240	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19274	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	15081	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.13	63	29067	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.95	46	62035	62.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.56%
24) Chloroform-d	4.40	84	63489	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.08	65	35584	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.00%
32) Benzene-d6	5.10	84	119585	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.12	67	31601	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.36	98	118413	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
43) trans-1,3-Dichloropropene-	7.66	79	15510	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.13	63	54752	58.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25675	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	53373	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

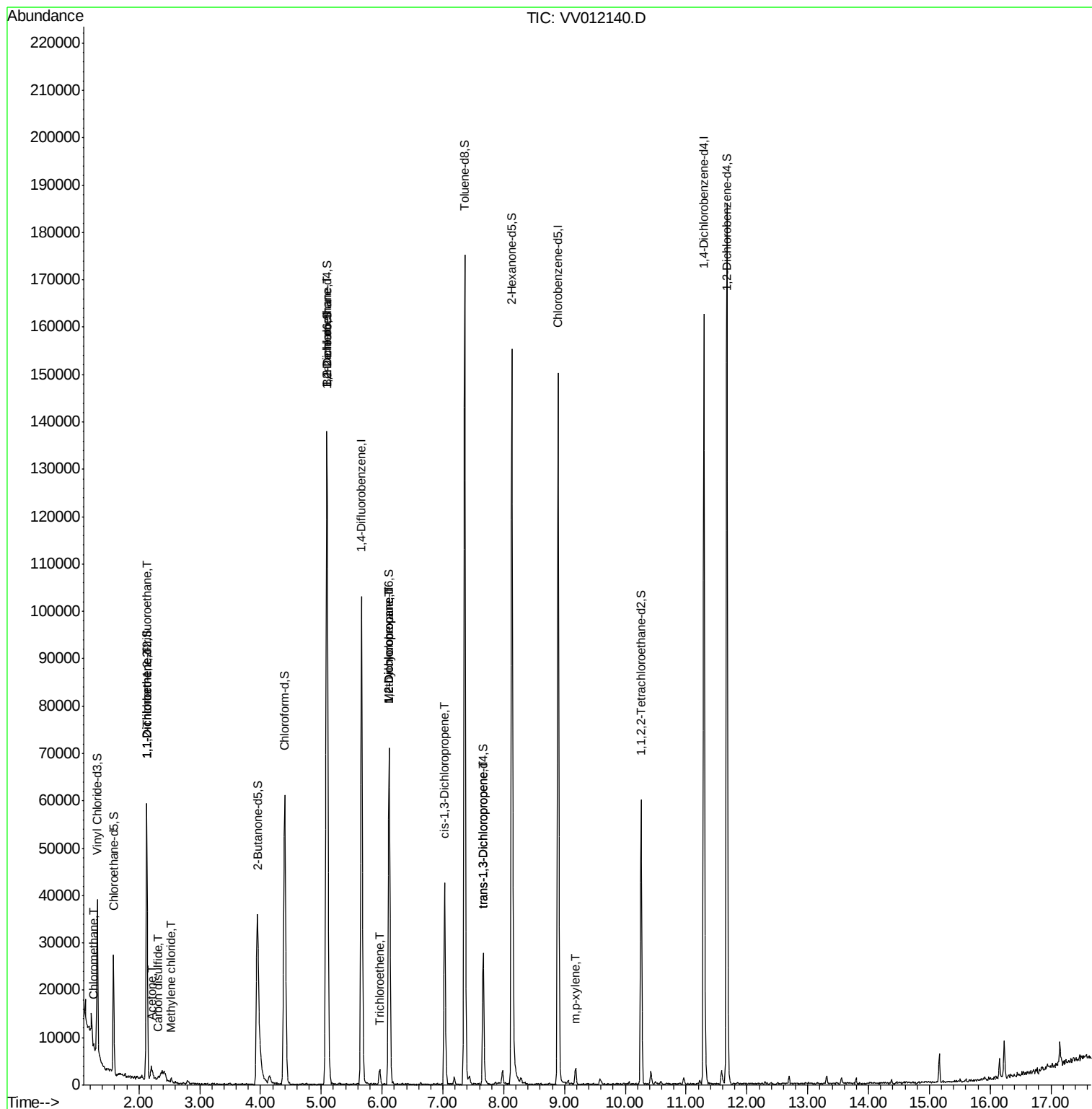
						Qvalue
3) Chloromethane	1.25	50	395	0.105	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	455	0.117	ug/L #	12
12) 1,1-Dichloroethene	2.13	96	367	0.102	ug/L #	1
13) Acetone	2.21	43	3444	5.924	ug/L	91
14) Carbon disulfide	2.31	76	415	0.041	ug/L #	73
16) Methylene chloride	2.53	84	462	0.121	ug/L	88
27) 1,2-Dichloroethane	5.10	62	766	0.114	ug/L #	77
34) Trichloroethene	5.96	95	1228	0.193	ug/L	92
35) Methylcyclohexane	6.11	83	9175	0.932	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	3907	0.845	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1084	0.129	ug/L #	69
44) trans-1,3-Dichloropropene	7.66	75	698	0.103	ug/L #	65
53) m,p-xylene	9.18	106	1161	0.105	ug/L	96

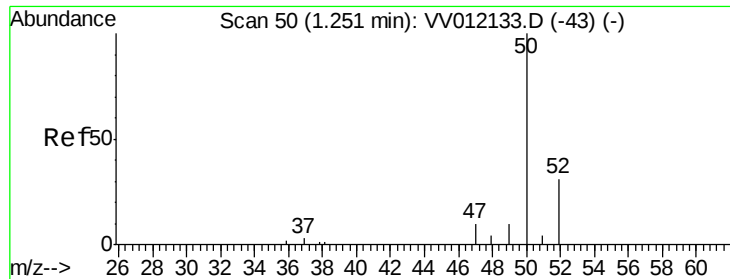
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV012140.D

Acq: 08 Aug 2019 23:03

Instrument :

MSVOA_V

ClientSampled :

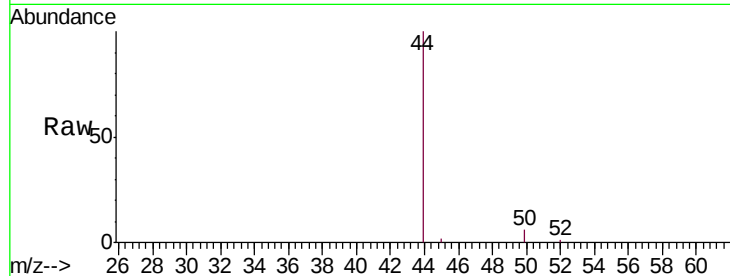
C0AA1

Tgt Ion: 50 Resp: 395

Ion Ratio Lower Upper

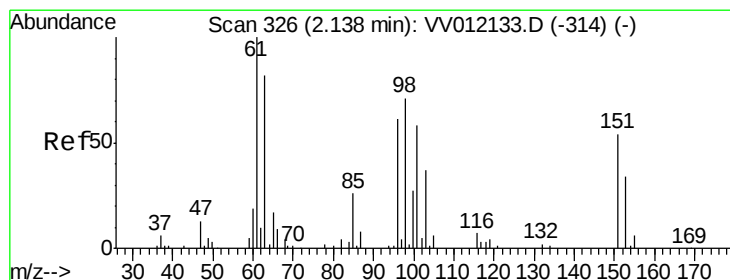
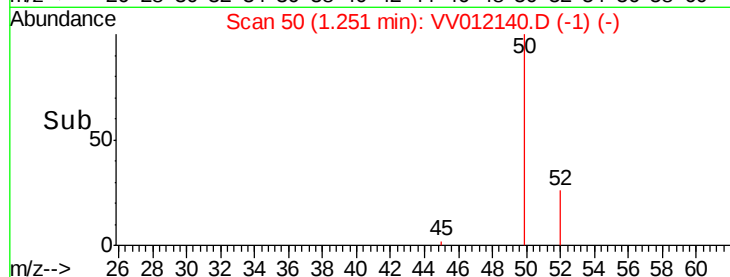
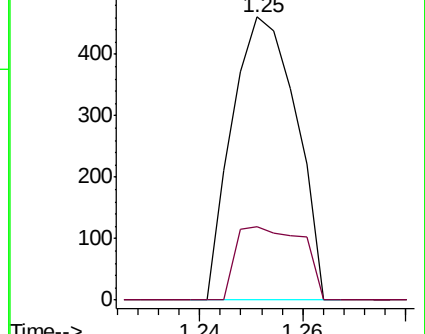
50 100

52 25.8 21.6 40.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.117 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012140.D

Acq: 08 Aug 2019 23:03

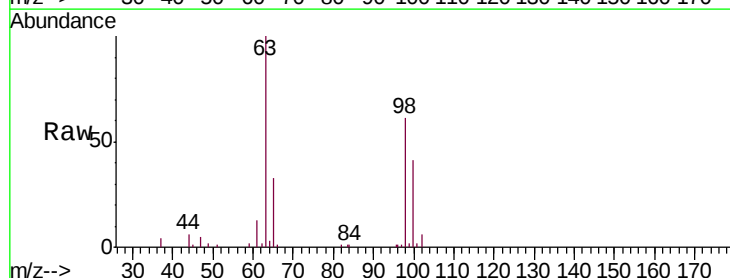
Tgt Ion: 101 Resp: 455

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

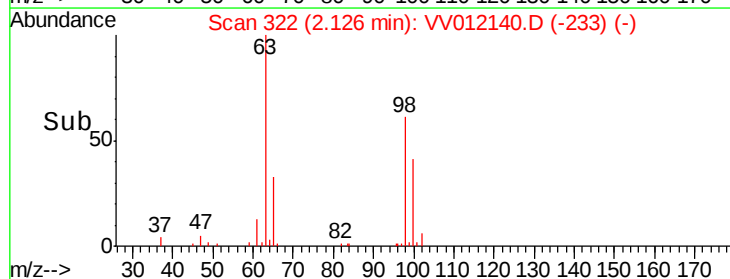
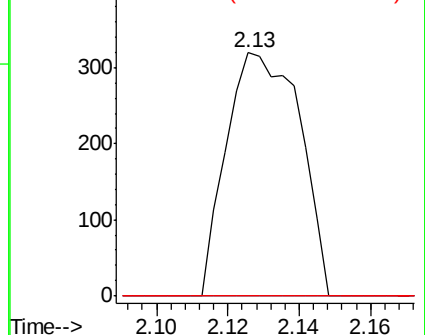
151 0.0 75.0 112.6#

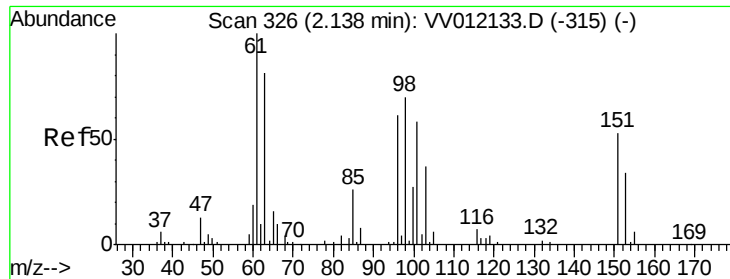


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

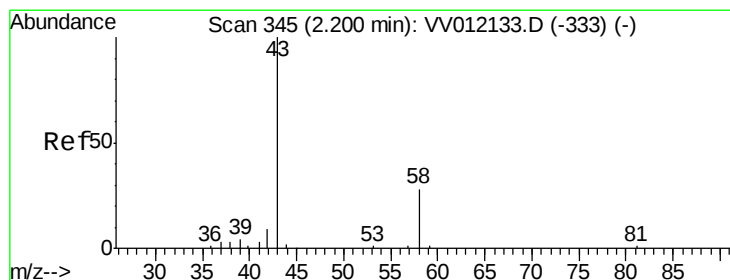
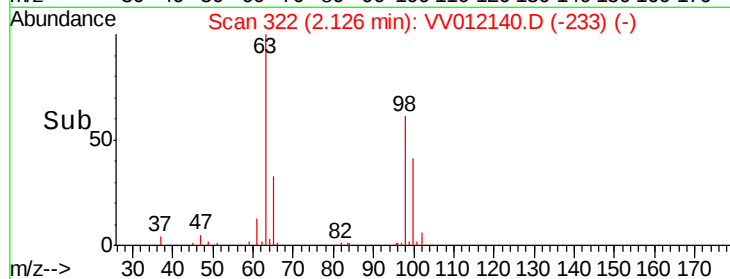
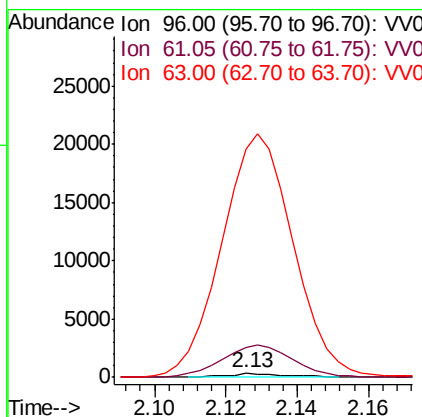
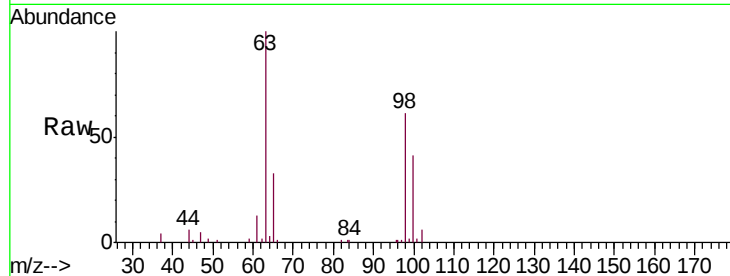




#12
 1,1-Dichloroethene
 Concen: 0.102 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV012140.D
 Acq: 08 Aug 2019 23:03

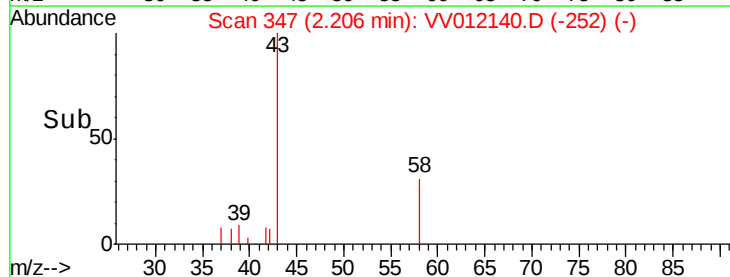
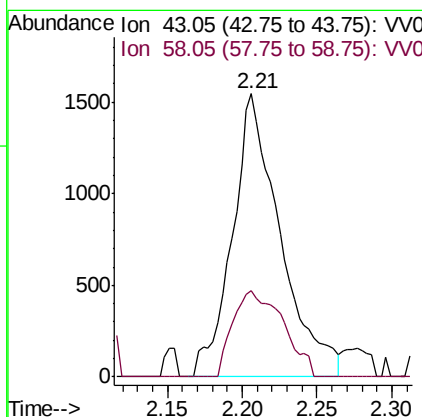
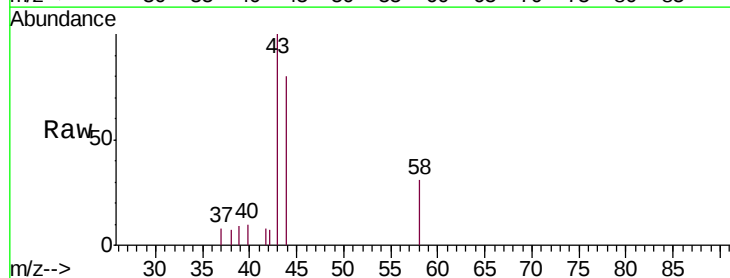
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA1

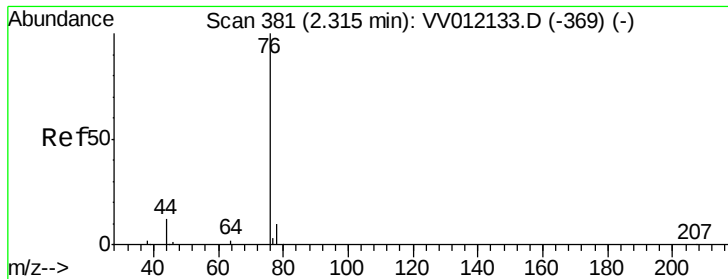
Tgt Ion: 96 Resp: 367
 Ion Ratio Lower Upper
 96 100
 61 683.3 114.7 213.1#
 63 5205.3 94.9 176.3#



#13
 Acetone
 Concen: 5.924 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. 0.01 min
 Lab File: VV012140.D
 Acq: 08 Aug 2019 23:03

Tgt Ion: 43 Resp: 3444
 Ion Ratio Lower Upper
 43 100
 58 31.9 0.0 54.6





#14

Carbon disulfide

Concen: 0.041 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012140.D

Acq: 08 Aug 2019 23:03

Instrument :

MSVOA_V

ClientSampled :

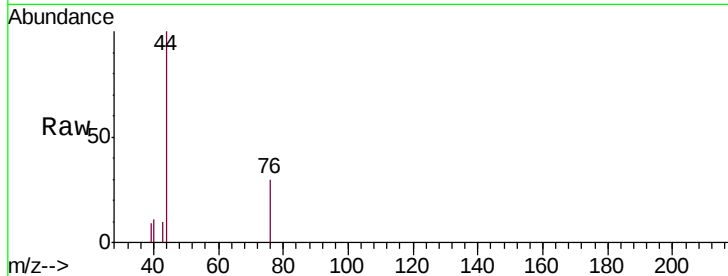
C0AA1

Tgt Ion: 76 Resp: 415

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

400

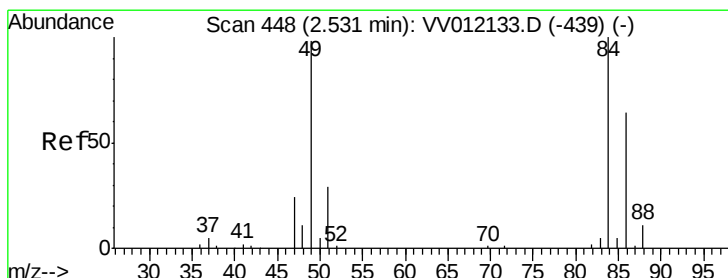
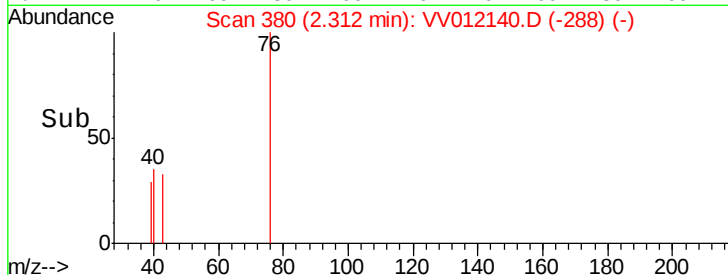
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 0.121 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV012140.D

Acq: 08 Aug 2019 23:03

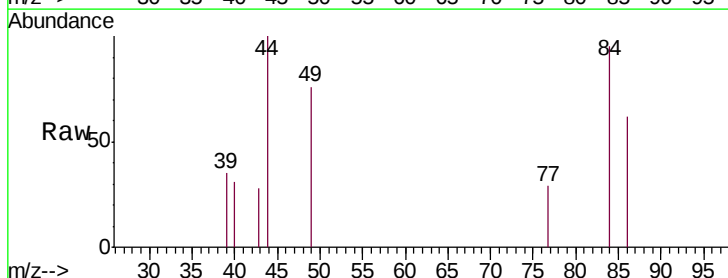
Tgt Ion: 84 Resp: 462

Ion Ratio Lower Upper

84 100

86 65.6 45.4 84.2

49 80.0 69.2 128.4



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

400

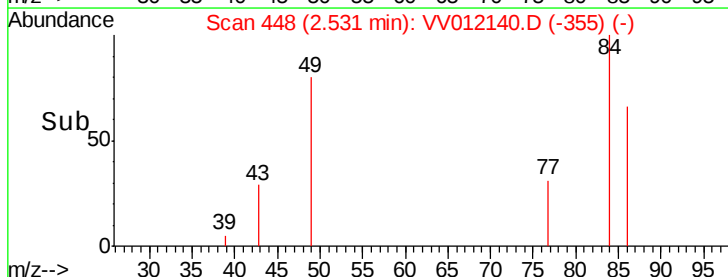
300

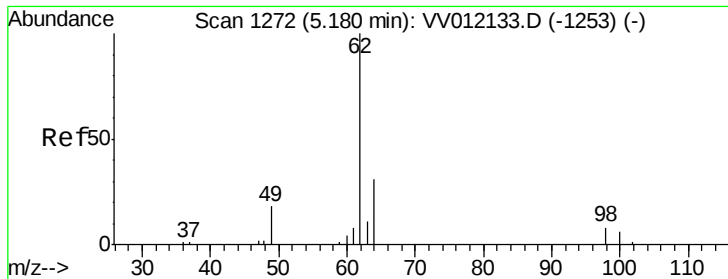
200

100

0

Time-->





#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV012140.D

Acq: 08 Aug 2019 23:03

Instrument :

MSVOA_V

ClientSampled :

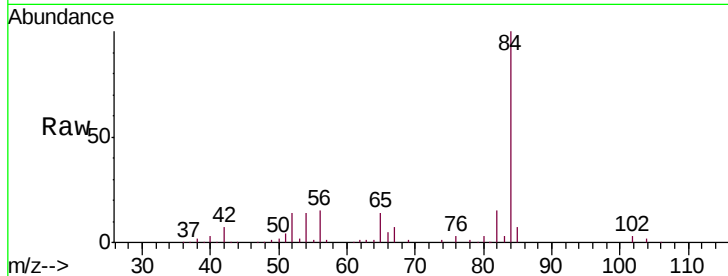
C0AA1

Tgt Ion: 62 Resp: 766

Ion Ratio Lower Upper

62 100

98 0.0 6.4 9.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.10

400

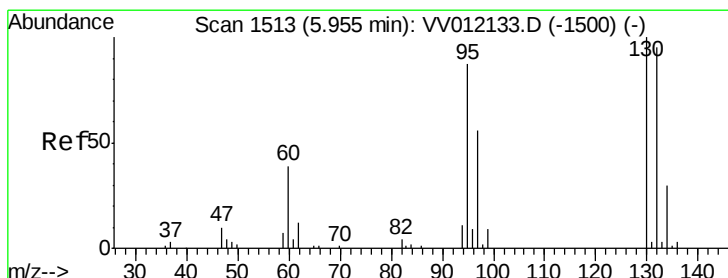
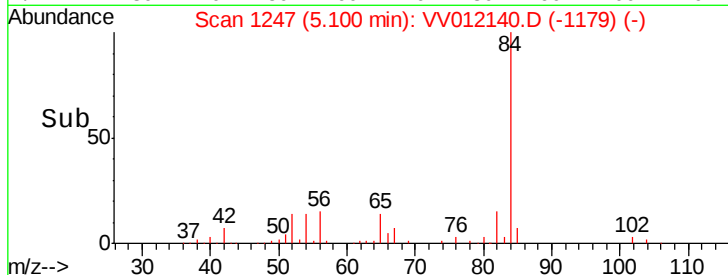
300

200

100

0

Time-->



#34

Trichloroethene

Concen: 0.193 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012140.D

Acq: 08 Aug 2019 23:03

Tgt Ion: 95 Resp: 1228

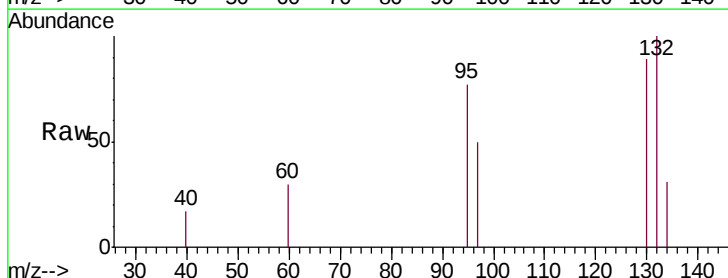
Ion Ratio Lower Upper

95 100

97 65.3 44.6 82.8

132 129.4 75.9 141.1

130 115.1 80.2 148.9



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

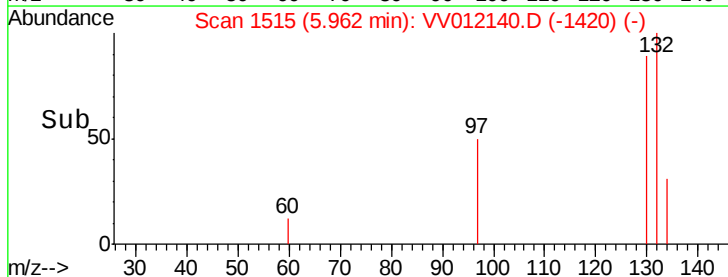
Ion 129.95 (129.65 to 130.65): V

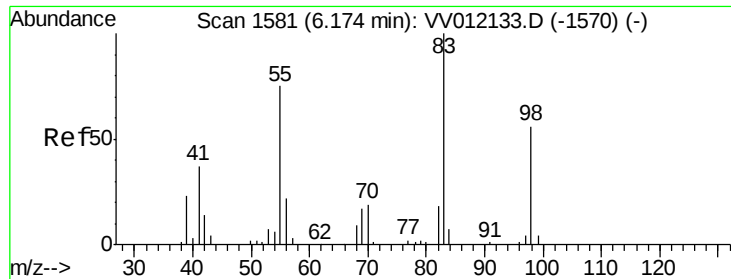
1000

500

0

Time-->

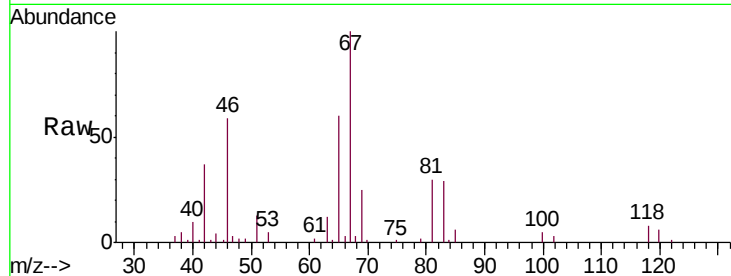




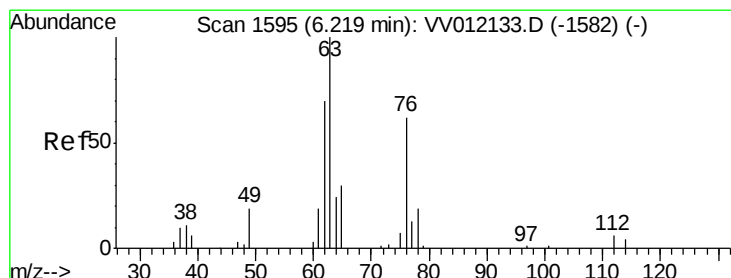
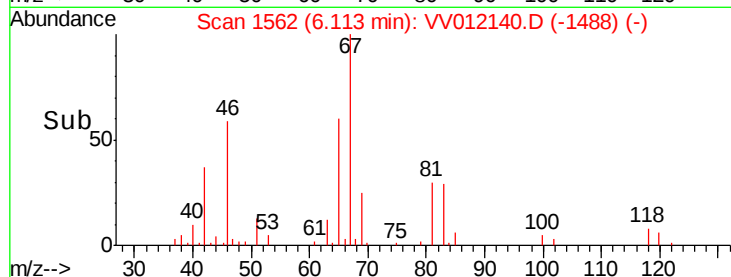
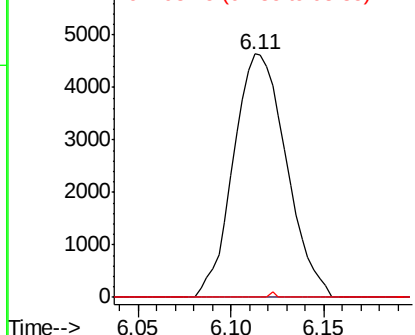
#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012140.D
Acq: 08 Aug 2019 23:03

Instrument :
MSVOA_V
ClientSampleId :
C0AA1

Tgt Ion: 83 Resp: 9175
Ion Ratio Lower Upper
83 100
55 0.0 55.0 82.6#
98 0.2 40.4 60.6#

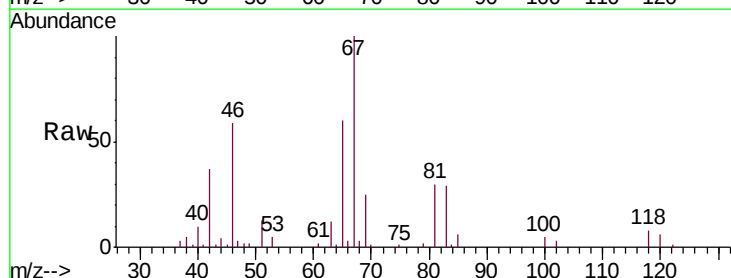


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

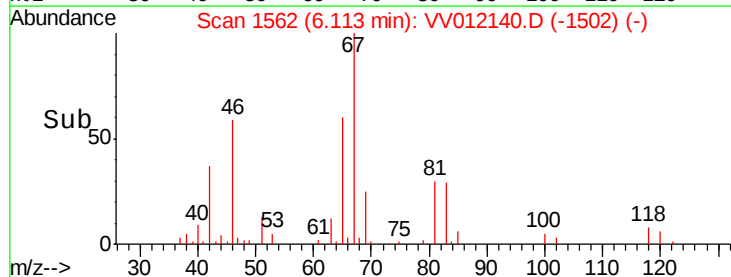
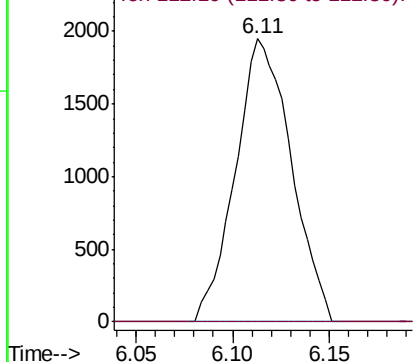


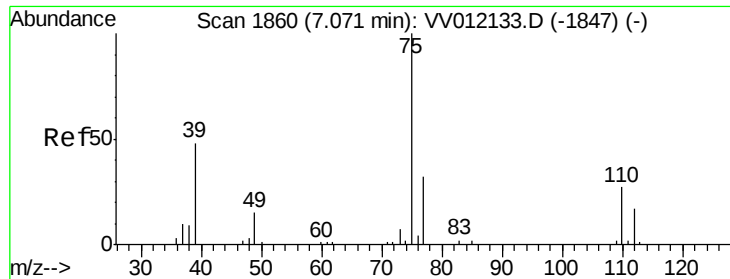
#37
1,2-Dichloropropane
Concen: 0.845 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012140.D
Acq: 08 Aug 2019 23:03

Tgt Ion: 63 Resp: 3907
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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

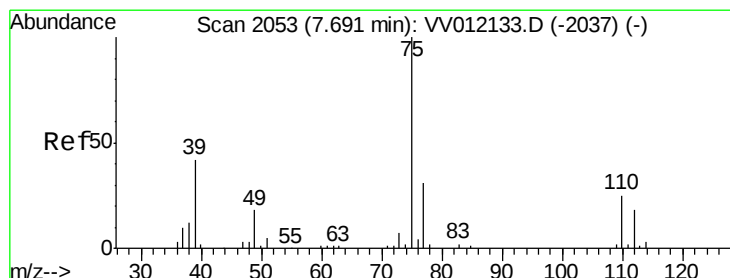
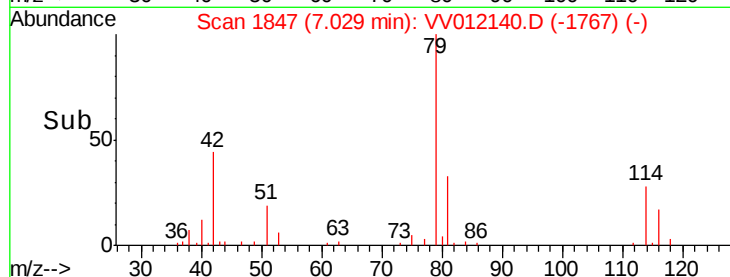
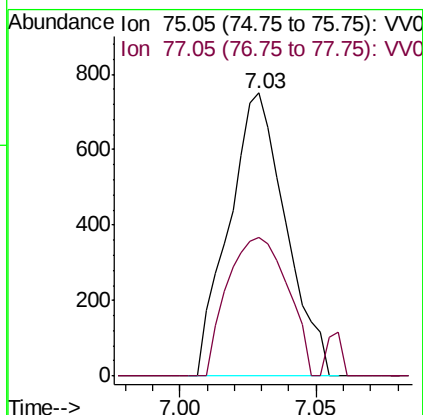
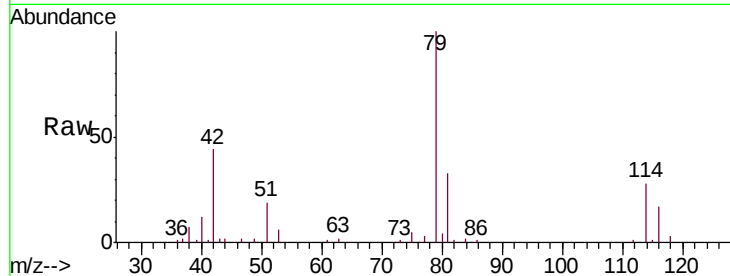




#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012140.D
 Acq: 08 Aug 2019 23:03

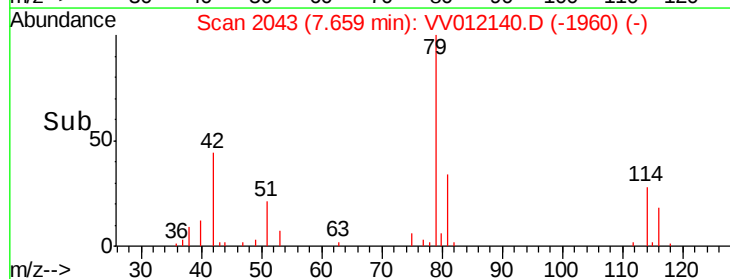
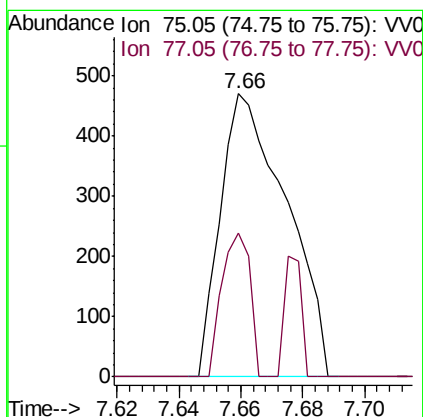
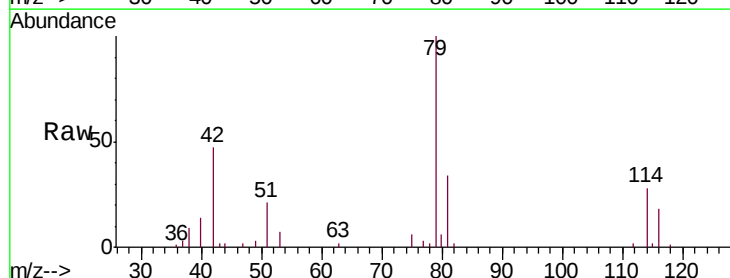
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA1

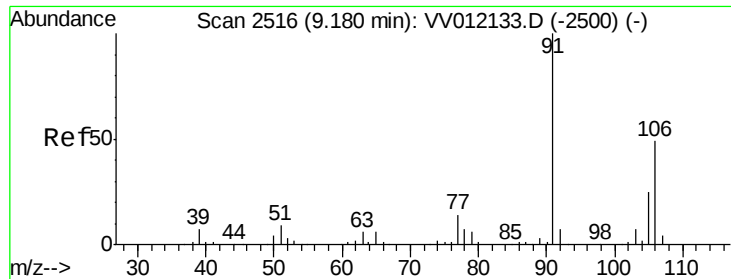
Tgt Ion: 75 Resp: 1084
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV012140.D
 Acq: 08 Aug 2019 23:03

Tgt Ion: 75 Resp: 698
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.0 41.0#





#53

m,p-xylene

Concen: 0.105 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012140.D

Acq: 08 Aug 2019 23:03

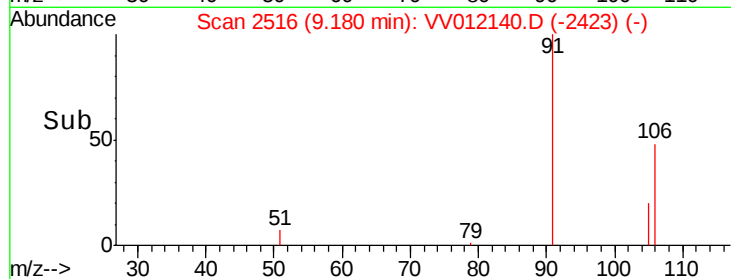
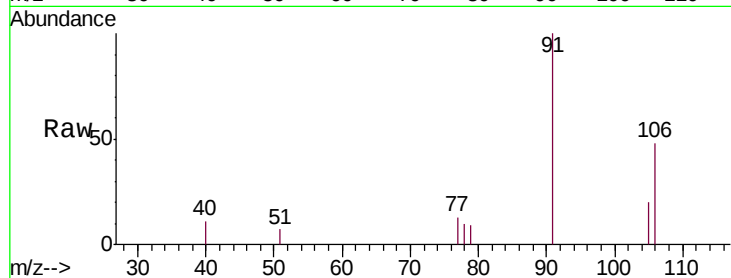
Instrument :
MSVOA_V
ClientSampleId :
C0AA1

Tgt Ion:106 Resp: 1161

Ion Ratio Lower Upper

106 100

91 209.2 142.2 264.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

