

Data File : VV012139.D
Acq On : 08 Aug 2019 22:36
Operator : SY/MD
Sample : K4184-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA0

Quant Time: Aug 09 06:49:02 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	108644	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100316	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23401	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	16878	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	35778	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.94	46	62158	52.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.18%
24) Chloroform-d	4.40	84	66335	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	37401	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	127551	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	32773	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	126166	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.66	79	16795	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.13	63	55579	51.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26969	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	54515	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

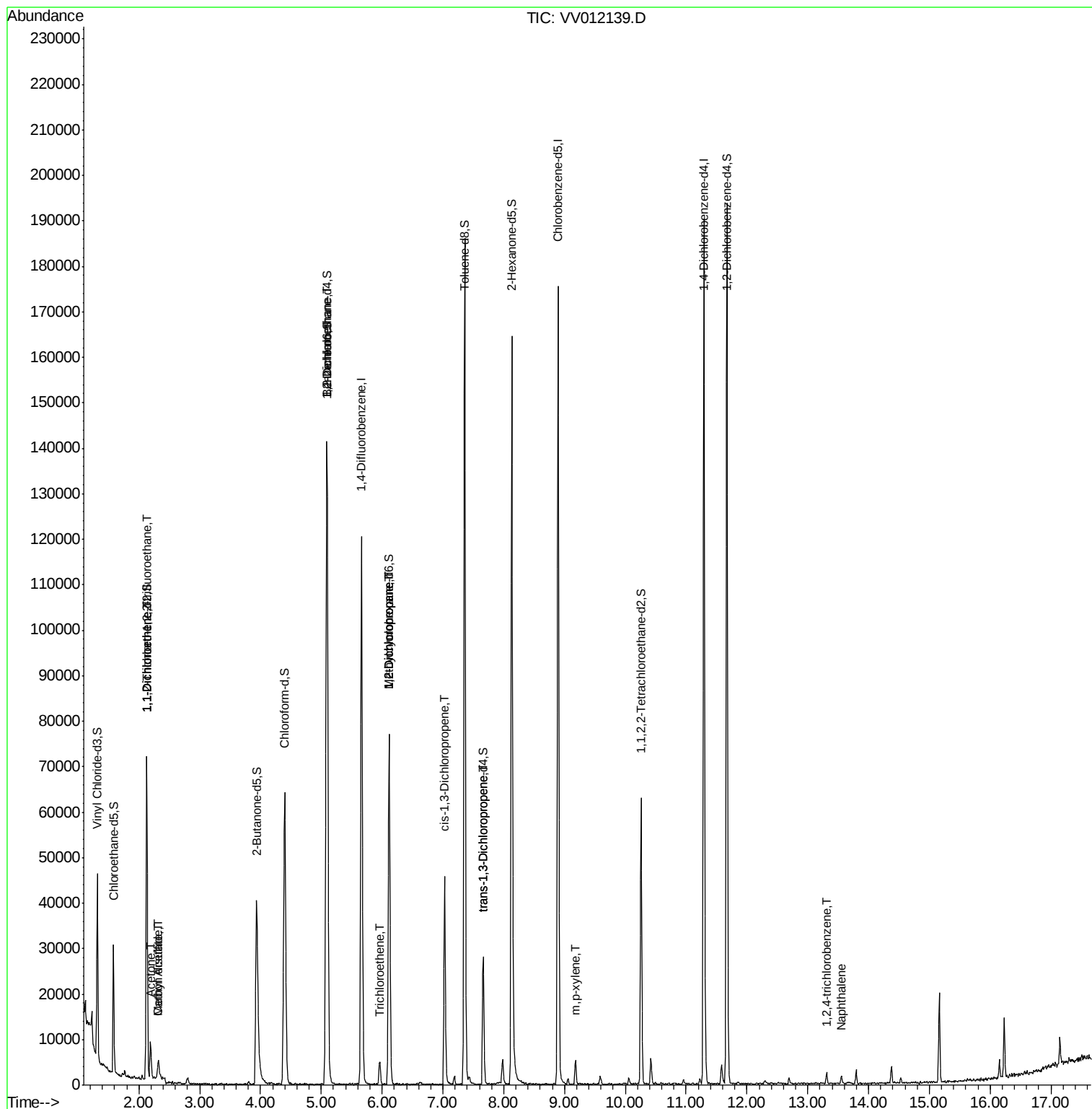
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	454	0.097	ug/L #	12
12) 1,1-Dichloroethene	2.14	96	382	0.088	ug/L #	1
13) Acetone	2.19	43	8803	12.537	ug/L	98
14) Carbon disulfide	2.32	76	536	0.044	ug/L #	73
15) Methyl Acetate	2.31	43	913	0.605	ug/L #	44
27) 1,2-Dichloroethane	5.09	62	802	0.099	ug/L #	77
34) Trichloroethene	5.96	95	1793	0.246	ug/L	93
35) Methylcyclohexane	6.12	83	9607	0.850	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	4048	0.762	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1140	0.118	ug/L #	55
44) trans-1,3-Dichloropropene	7.66	75	645	0.083	ug/L #	52
53) m,p-xylene	9.19	106	1681	0.133	ug/L	89
68) 1,2,4-trichlorobenzene	13.31	180	1099	0.094	ug/L #	93
69) Naphthalene	13.56	128	1807	0.095	ug/L #	96

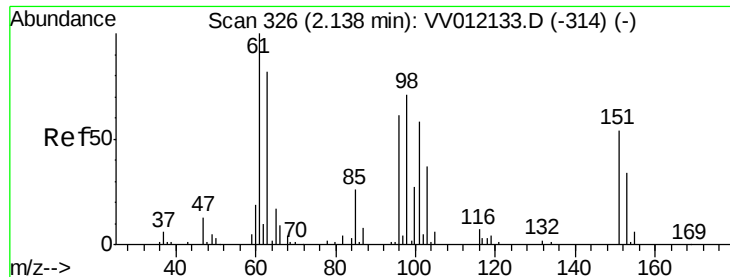
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.097 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012139.D

Acq: 08 Aug 2019 22:36

Instrument :

MSVOA_V

ClientSampleId :

C0AA0

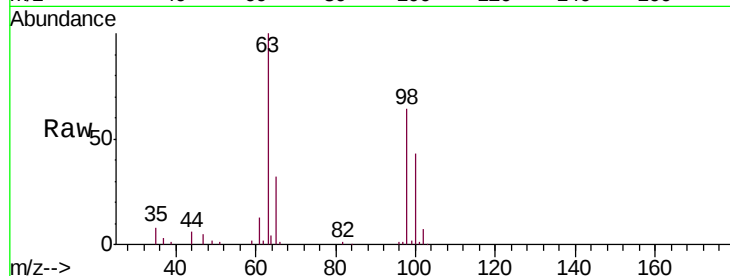
Tgt Ion: 101 Resp: 454

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

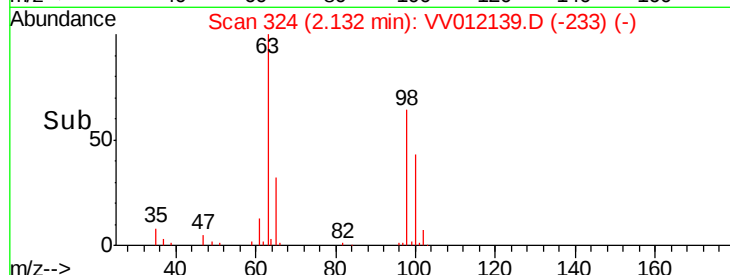
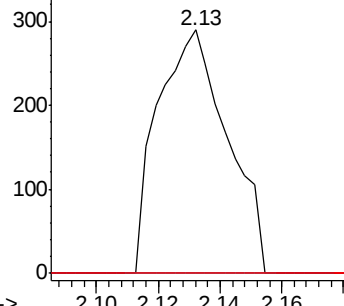
151 0.0 75.0 112.6#



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: 0.088 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012139.D

Acq: 08 Aug 2019 22:36

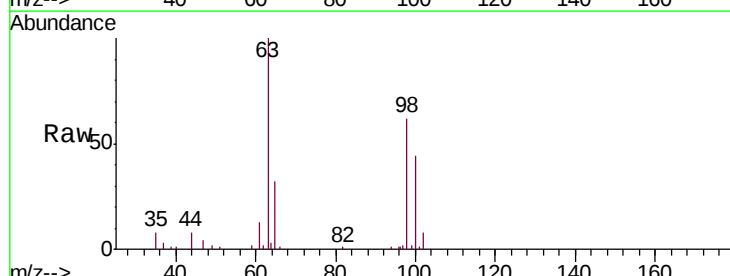
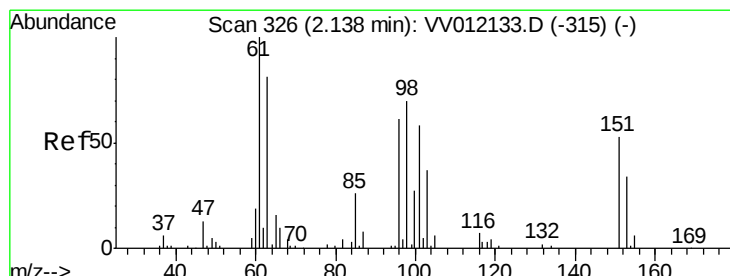
Tgt Ion: 96 Resp: 382

Ion Ratio Lower Upper

96 100

61 630.4 114.7 213.1#

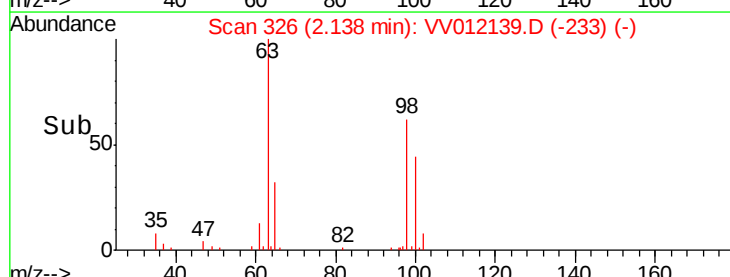
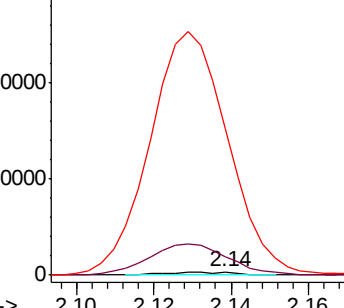
63 4883.3 94.9 176.3#

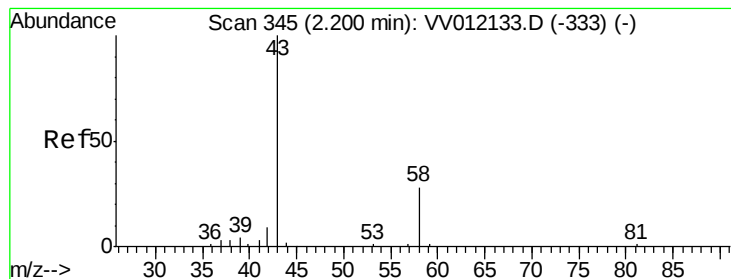


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 12.537 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

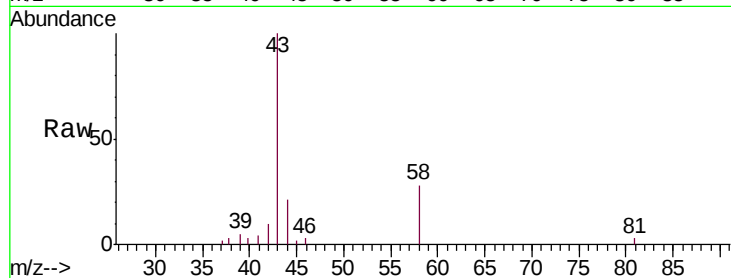
C0AA0

Tgt Ion: 43 Resp: 8803

Ion Ratio Lower Upper

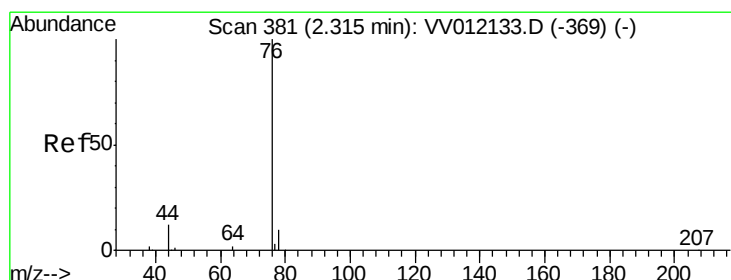
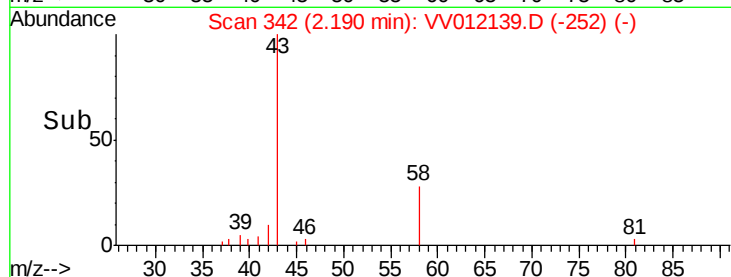
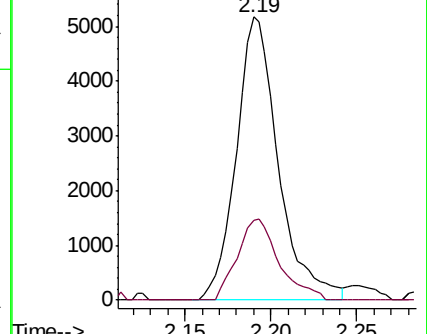
43 100

58 28.4 0.0 54.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012139.D

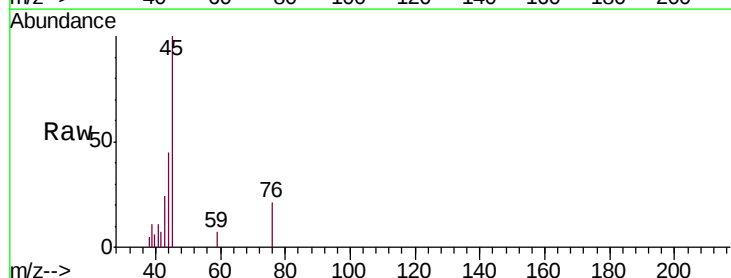
Acq: 08 Aug 2019 22:36

Tgt Ion: 76 Resp: 536

Ion Ratio Lower Upper

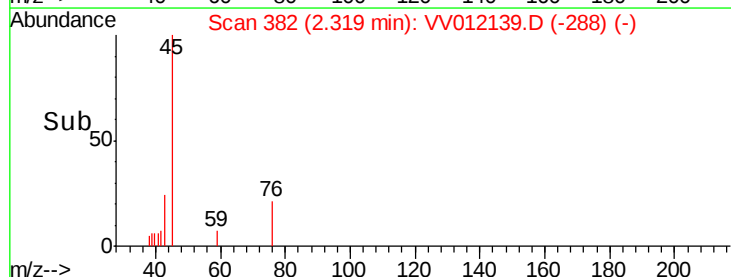
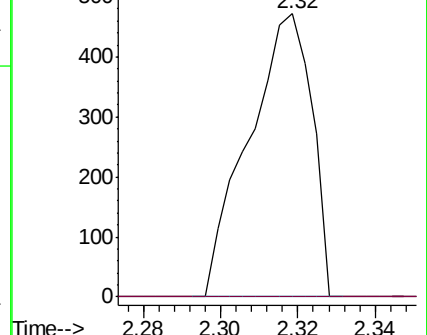
76 100

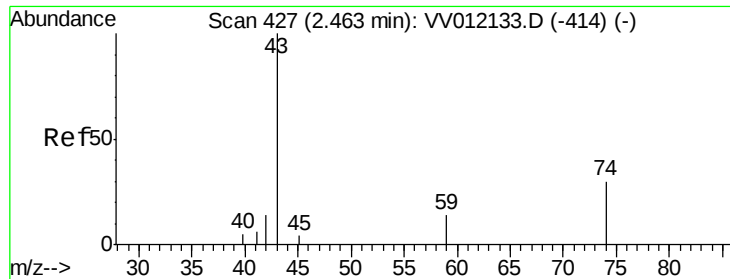
78 0.0 7.8 11.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

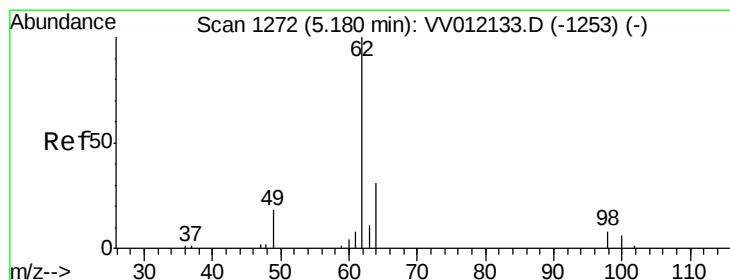
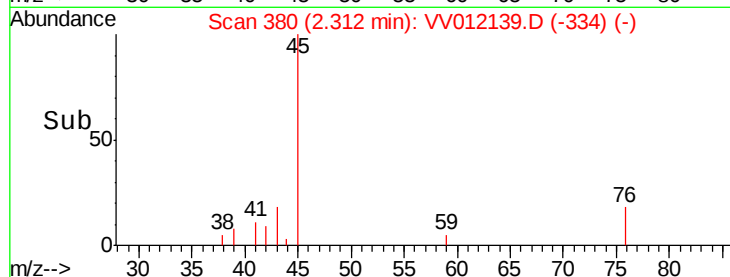
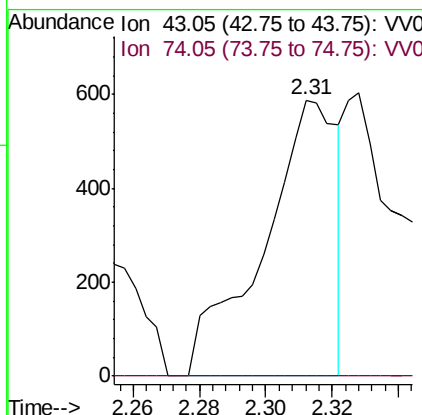
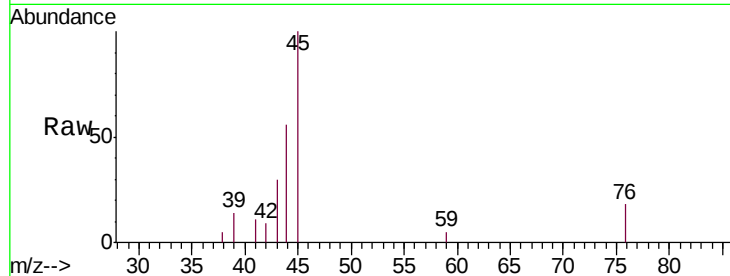




#15
Methyl Acetate
Concen: 0.605 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.15 min
Lab File: VV012139.D
Acq: 08 Aug 2019 22:36

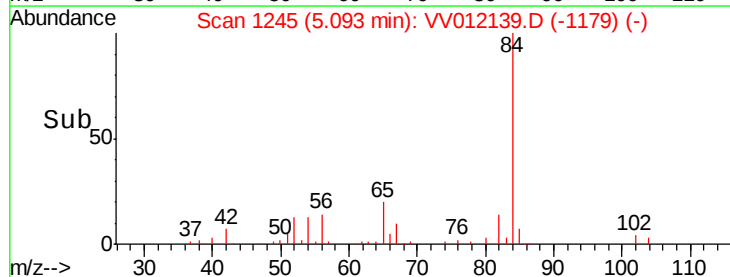
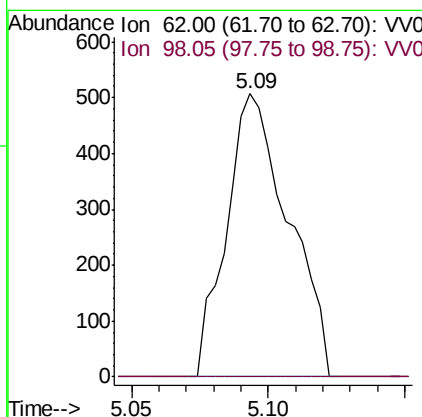
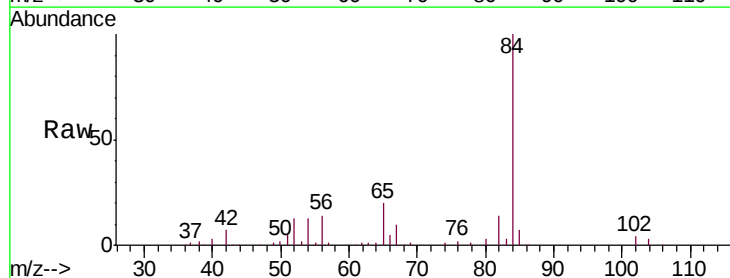
Instrument :
MSVOA_V
ClientSampleId :
C0AA0

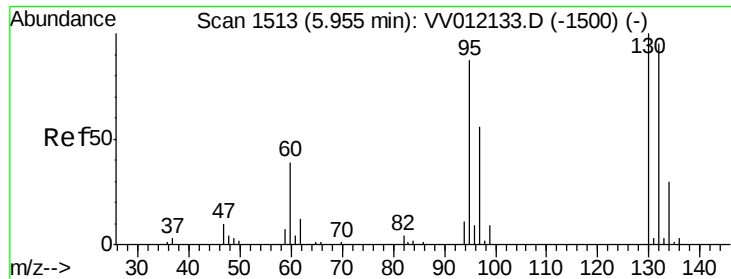
Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
74 0.0 24.6 36.8#



#27
1,2-Dichloroethane
Concen: 0.099 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012139.D
Acq: 08 Aug 2019 22:36

Tgt Ion: 62 Resp: 802
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#





#34

Trichloroethene

Concen: 0.246 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV012139.D

Acq: 08 Aug 2019 22:36

Instrument :

MSVOA_V

ClientSampleId :

C0AA0

Tgt Ion: 95 Resp: 1793

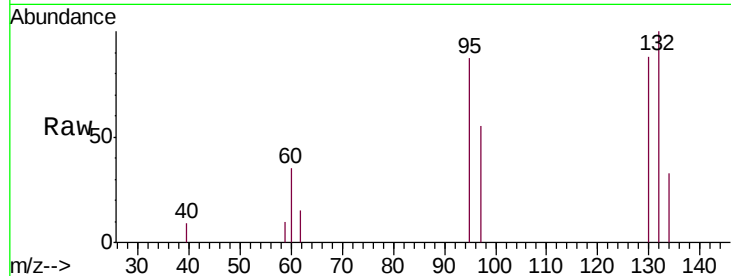
Ion Ratio Lower Upper

95 100

97 63.1 44.6 82.8

132 114.6 75.9 141.1

130 101.0 80.2 148.9

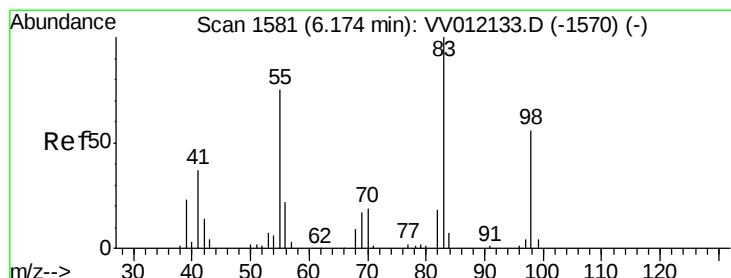
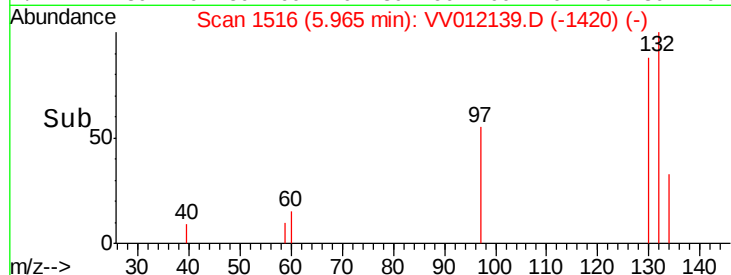
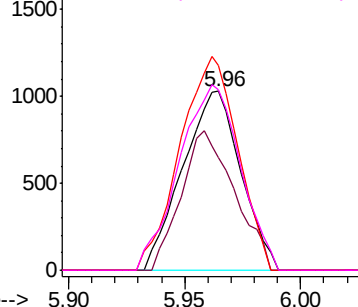


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 0.850 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012139.D

Acq: 08 Aug 2019 22:36

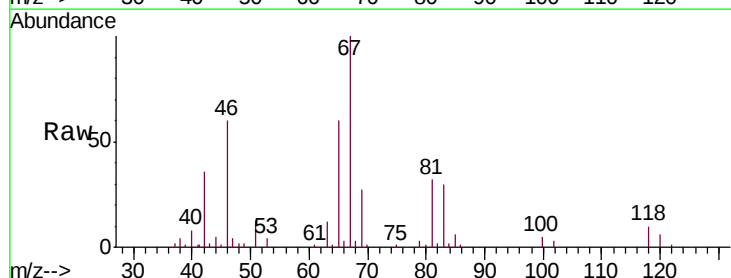
Tgt Ion: 83 Resp: 9607

Ion Ratio Lower Upper

83 100

55 0.0 55.0 82.6#

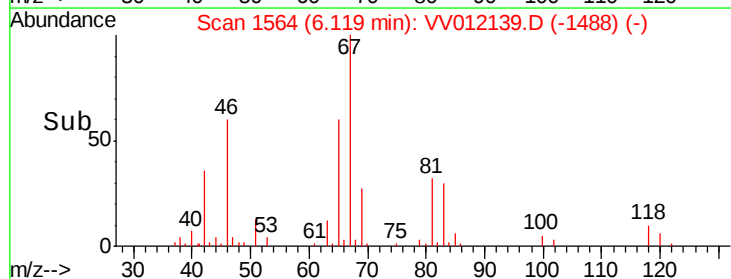
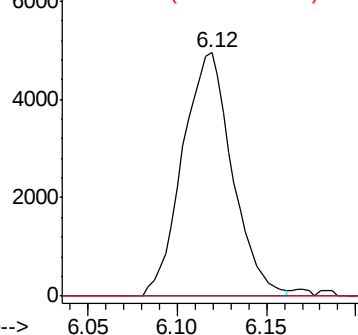
98 0.0 40.4 60.6#

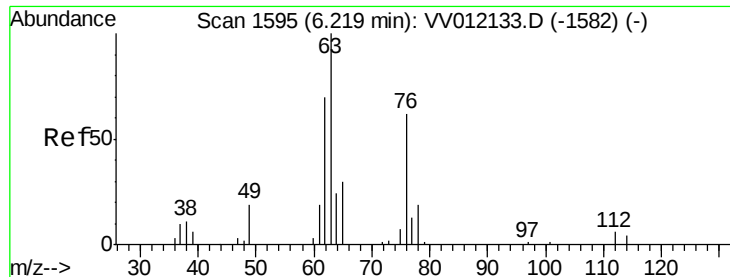


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

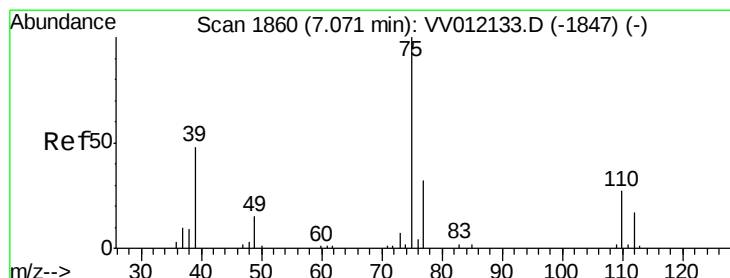
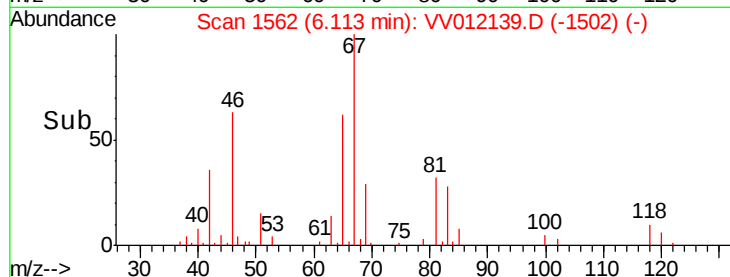
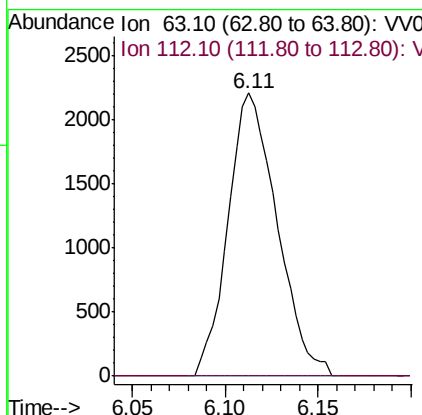
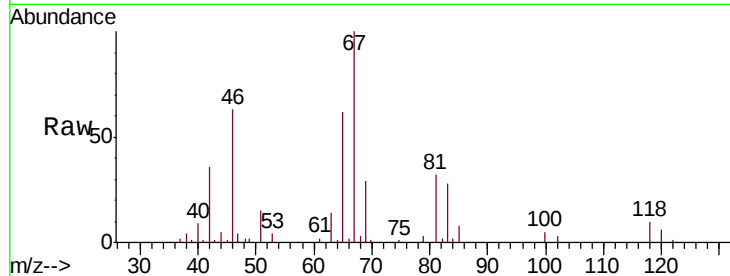




#37
 1,2-Dichloropropane
 Concen: 0.762 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012139.D
 Acq: 08 Aug 2019 22:36

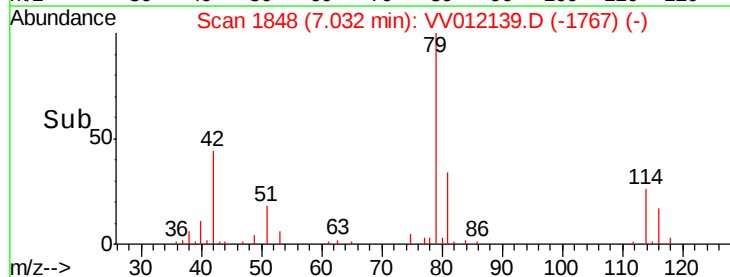
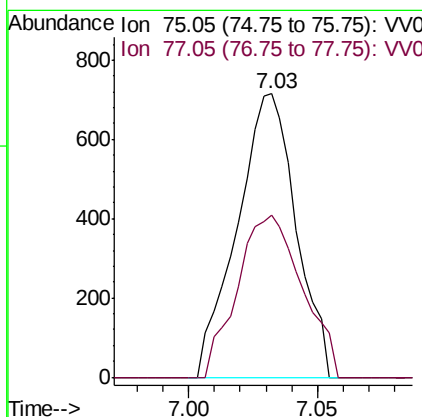
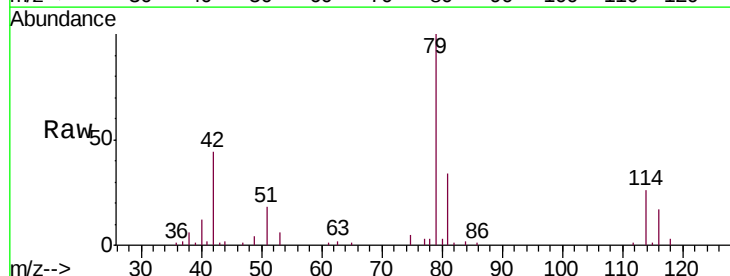
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA0

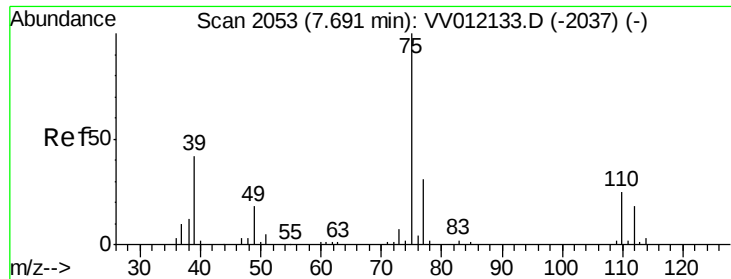
Tgt Ion: 63 Resp: 4048
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012139.D
 Acq: 08 Aug 2019 22:36

Tgt Ion: 75 Resp: 1140
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.5 41.7#

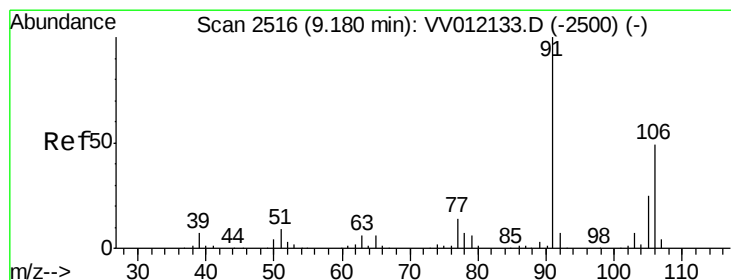
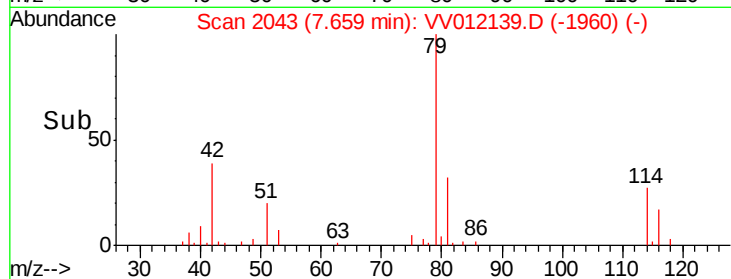
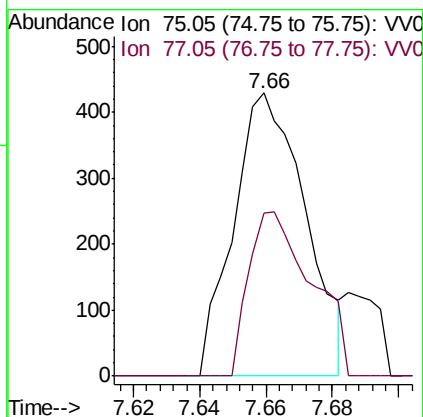
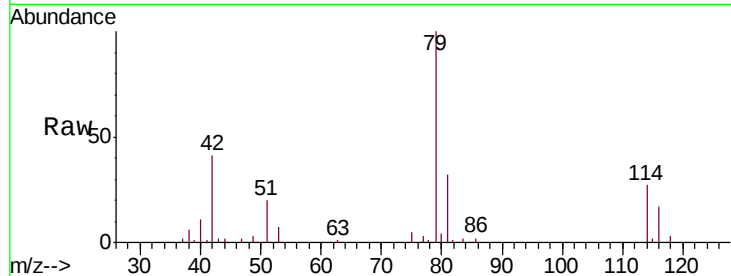




#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012139.D
Acq: 08 Aug 2019 22:36

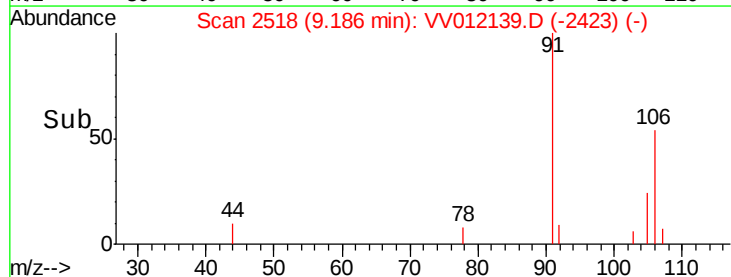
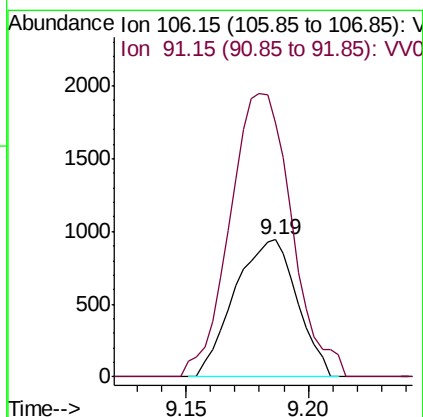
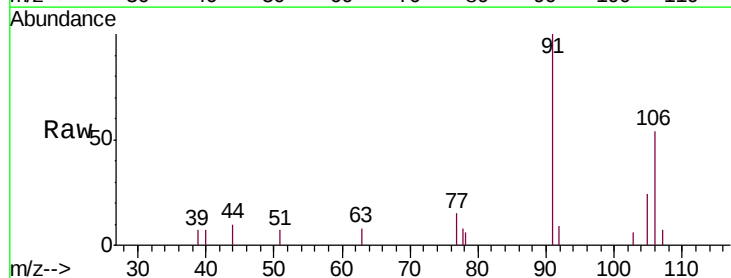
Instrument :
MSVOA_V
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C0AA0

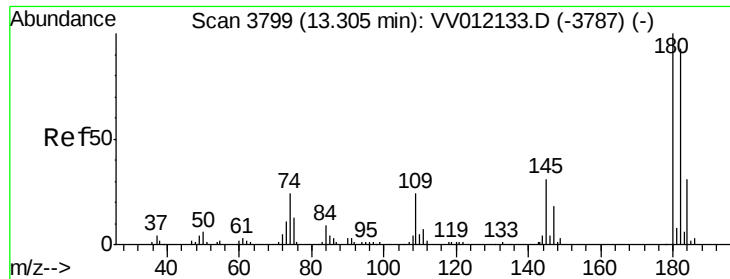
Tgt Ion: 75 Resp: 645
Ion Ratio Lower Upper
75 100
77 57.8 22.0 41.0#



#53
m,p-xylene
Concen: 0.133 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.01 min
Lab File: VV012139.D
Acq: 08 Aug 2019 22:36

Tgt Ion: 106 Resp: 1681
Ion Ratio Lower Upper
106 100
91 185.7 142.2 264.0

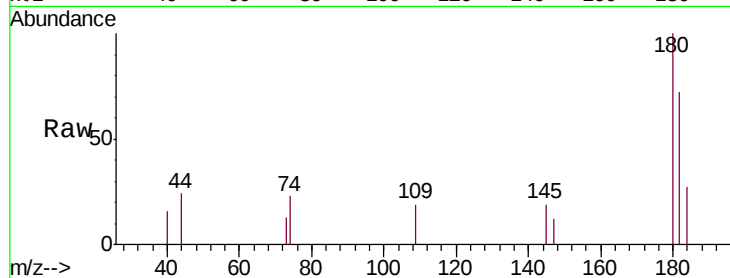




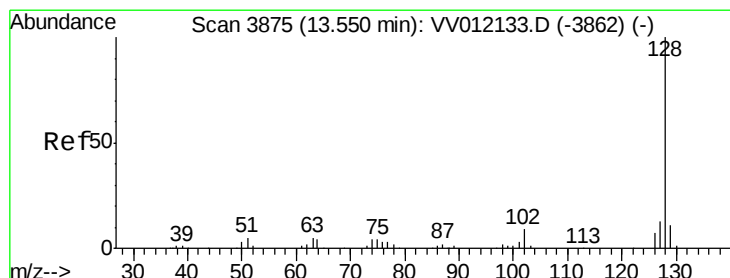
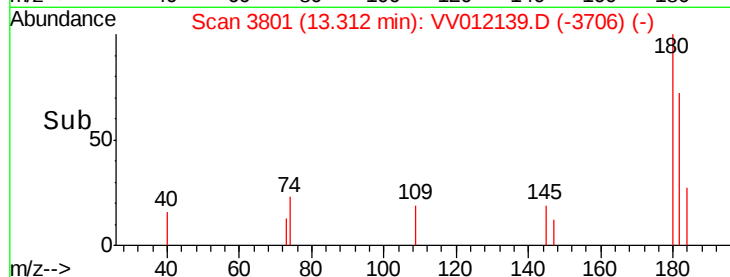
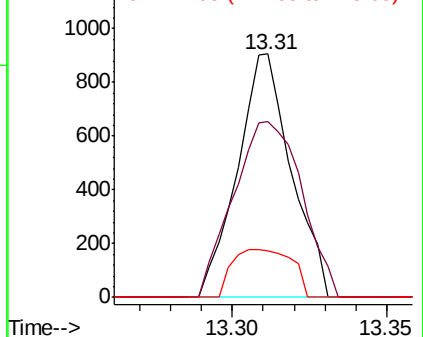
#68
 1,2,4-trichlorobenzene
 Concen: 0.094 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: VV012139.D
 Acq: 08 Aug 2019 22:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA0

Tgt Ion:180 Resp: 1099
 Ion Ratio Lower Upper
 180 100
 182 91.7 76.6 115.0
 145 21.7 23.4 35.2#

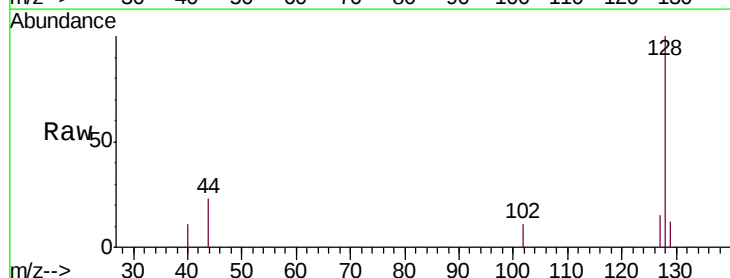


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#69
 Naphthalene
 Concen: 0.095 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV012139.D
 Acq: 08 Aug 2019 22:36

Tgt Ion:128 Resp: 1807
 Ion Ratio Lower Upper
 128 100
 129 7.9 9.0 13.4#
 127 12.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

