

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011332.D
 Acq On : 08 Jun 2019 21:42
 Operator : SY/MD
 Sample : K3276-10
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E6

Quant Time: Jun 09 00:14:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139938	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42548	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.56	69	37725	4.28	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.12	63	70768	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.95	46	114780	48.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	4.40	84	85276	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	47565	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.09	84	174338	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.11	67	53205	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	152949	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.66	79	15417	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.14	63	87321	46.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35379	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	47131	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

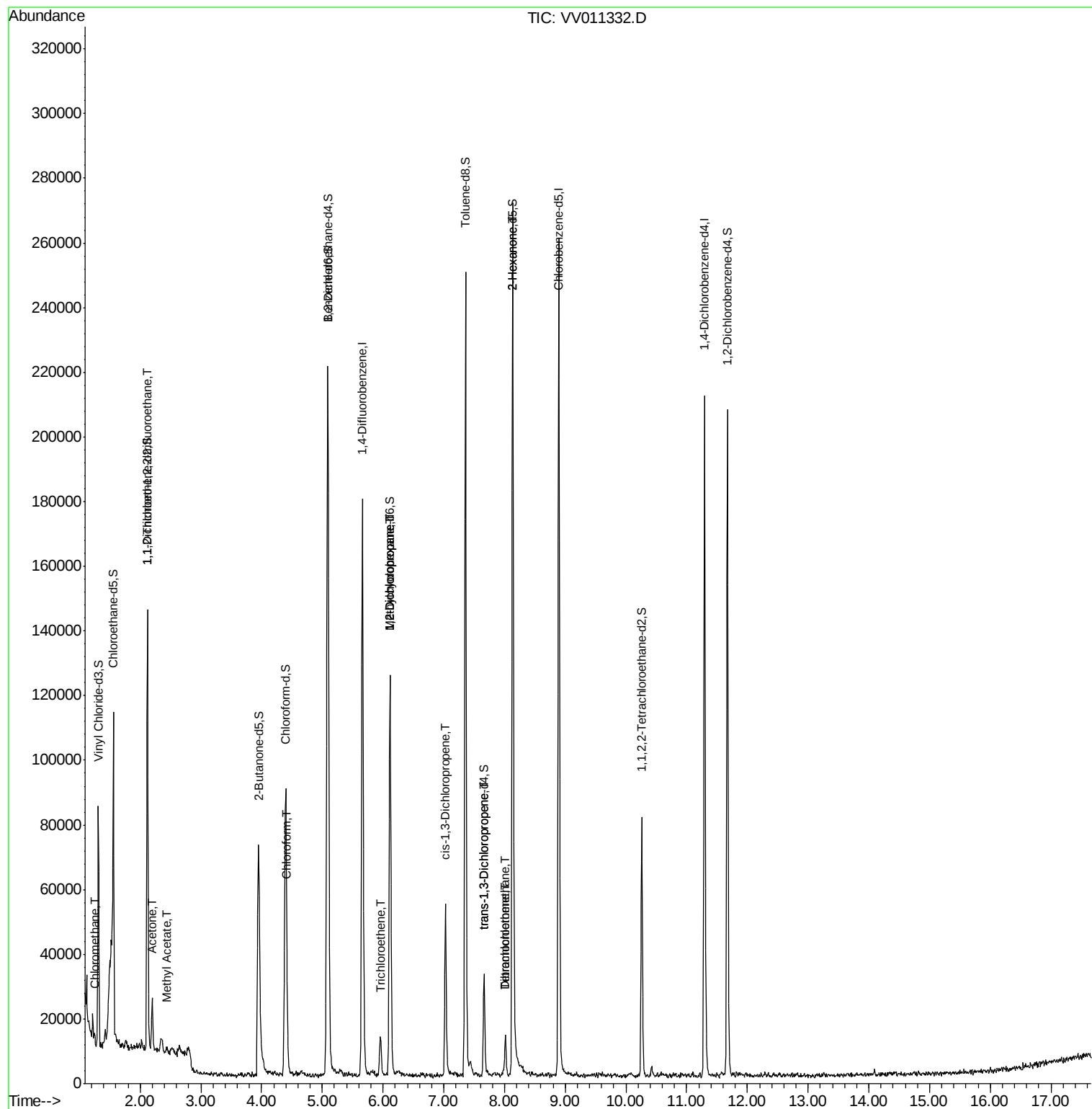
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	1506	0.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	811	0.089	ug/L #	24
13) Acetone	2.20	43	8110	5.067	ug/L	88
15) Methyl Acetate	2.44	43	580	0.136	ug/L #	46
25) Chloroform	4.42	83	2381	0.118	ug/L	93
34) Trichloroethene	5.96	95	3765	0.360	ug/L	93
35) Methylcyclohexane	6.12	83	12660	0.731	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6942	0.688	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1476	0.100	ug/L #	45
44) trans-1,3-Dichloropropene	7.66	75	904	0.081	ug/L #	57
47) Tetrachloroethene	8.02	164	2553	0.337	ug/L	84
48) 2-Hexanone	8.14	43	12006	2.680	ug/L #	73
49) Dibromochloromethane	8.02	129	2261	0.308	ug/L #	11

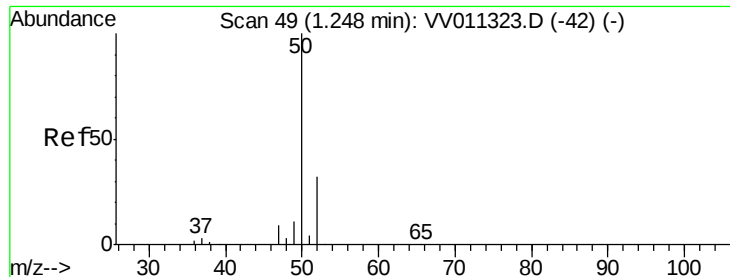
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011332.D

Acq: 08 Jun 2019 21:42

Instrument :

MSVOA_V

ClientSampleId :

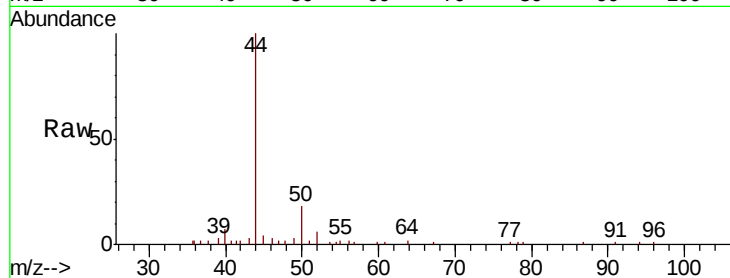
DB8E6

Tgt Ion: 50 Resp: 1506

Ion Ratio Lower Upper

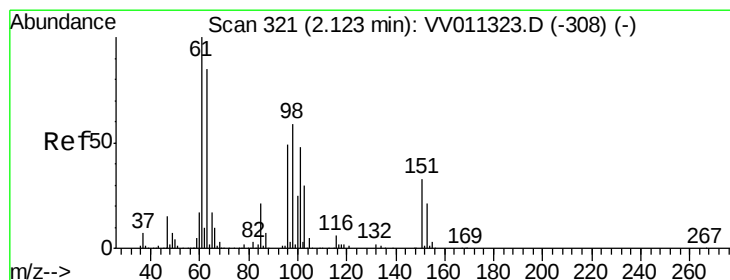
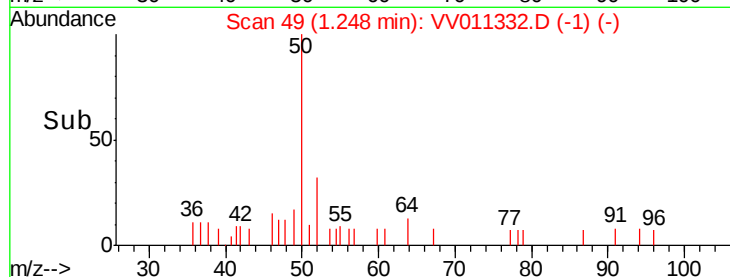
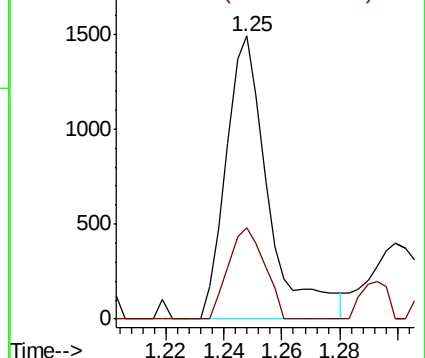
50 100

52 32.4 22.3 41.5



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: 0.089 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV011332.D

Acq: 08 Jun 2019 21:42

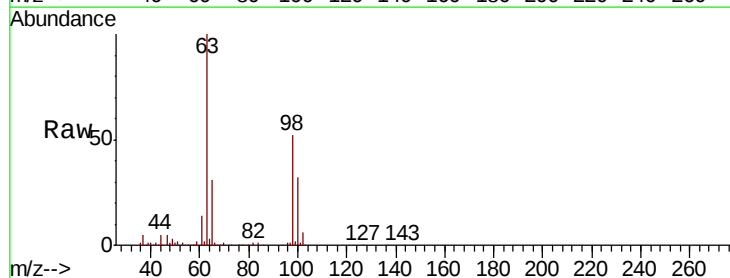
Tgt Ion: 101 Resp: 811

Ion Ratio Lower Upper

101 100

85 5.2 35.5 53.3#

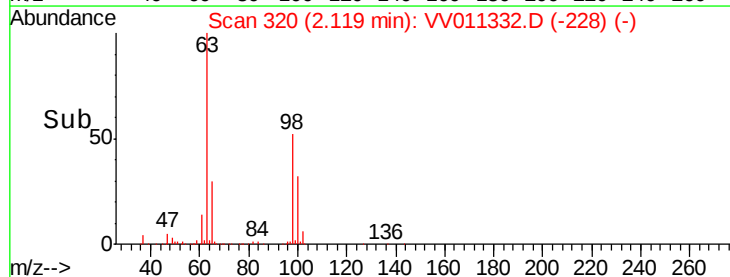
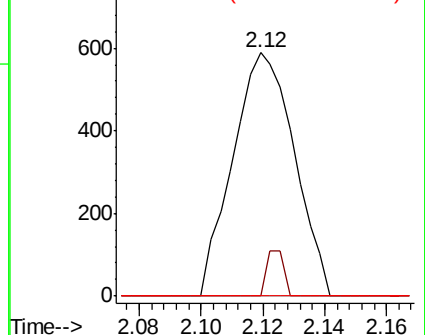
151 0.0 56.9 85.3#

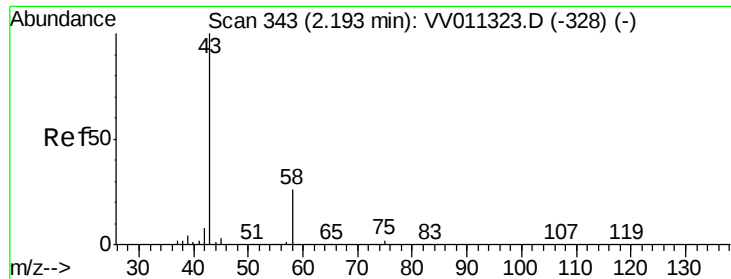


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 5.067 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV011332.D

Acq: 08 Jun 2019 21:42

Instrument :

MSVOA_V

ClientSampleId :

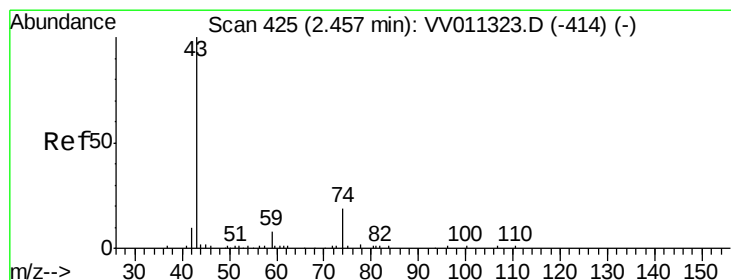
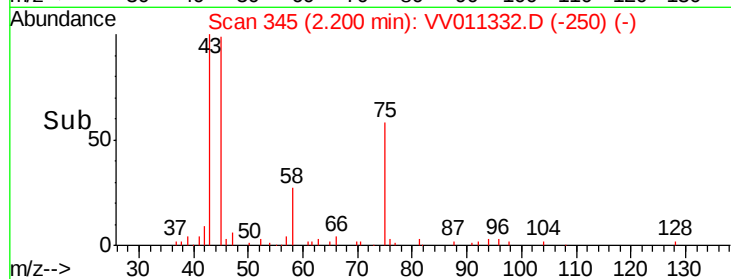
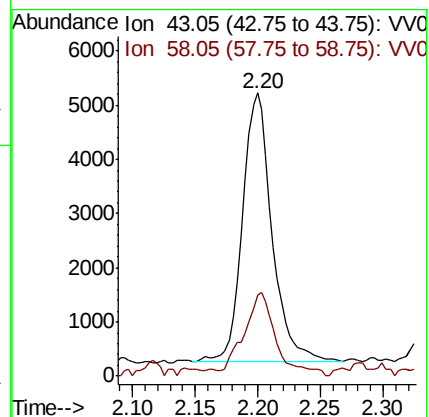
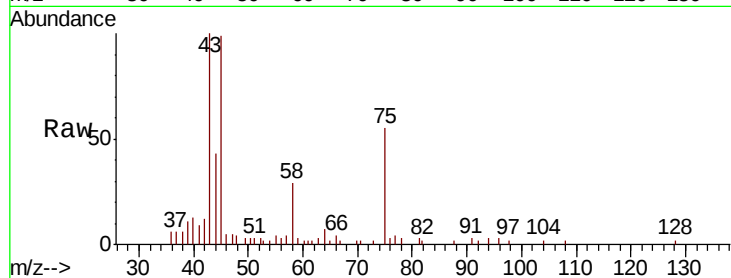
DB8E6

Tgt Ion: 43 Resp: 8110

Ion Ratio Lower Upper

43 100

58 34.1 0.0 55.2



#15

Methyl Acetate

Concen: 0.136 ug/L

RT: 2.44 min Scan# 419

Delta R.T. -0.02 min

Lab File: VV011332.D

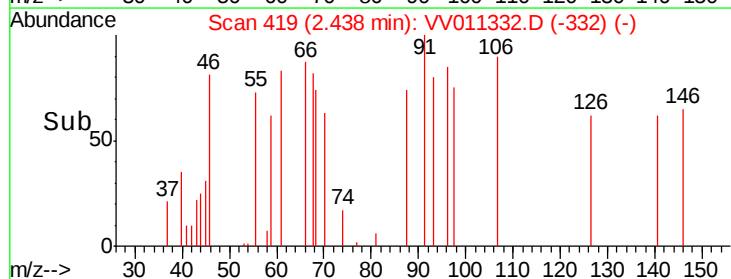
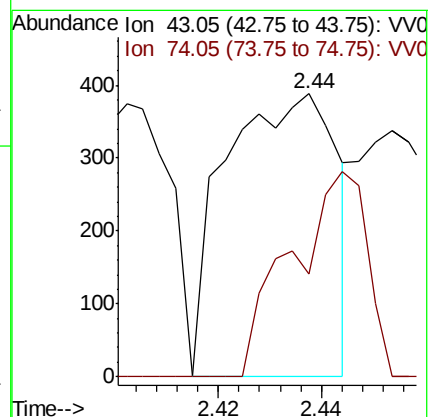
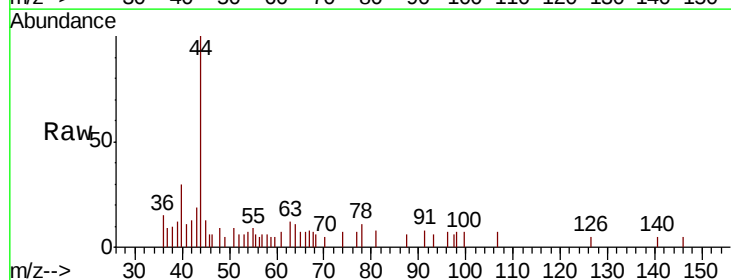
Acq: 08 Jun 2019 21:42

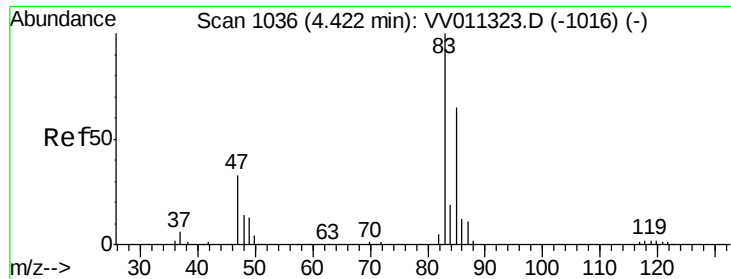
Tgt Ion: 43 Resp: 580

Ion Ratio Lower Upper

43 100

74 49.5 18.5 27.7#

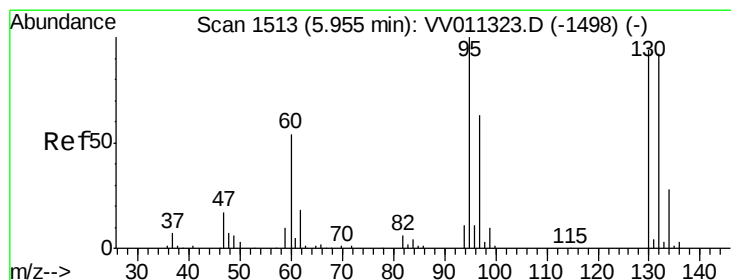
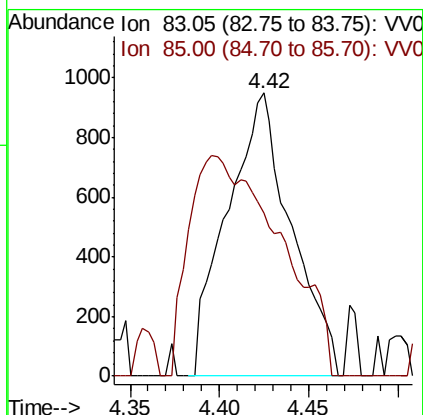
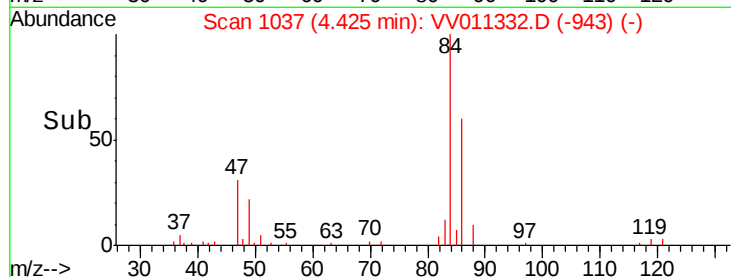
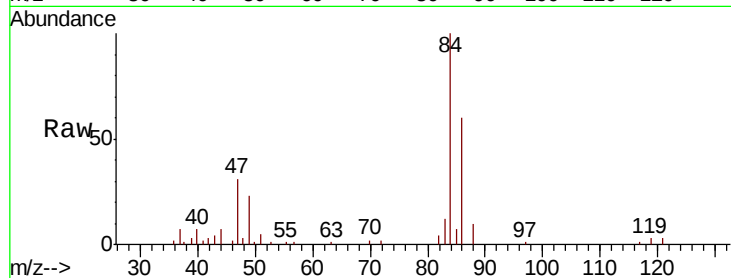




#25
Chloroform
Concen: 0.118 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011332.D
Acq: 08 Jun 2019 21:42

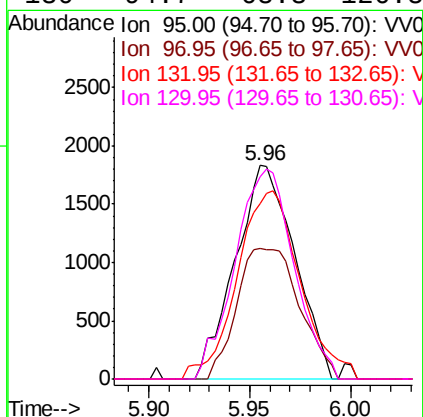
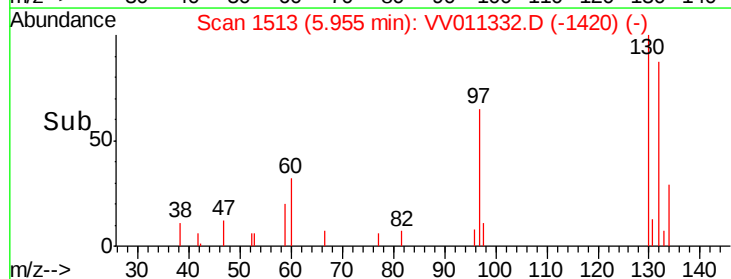
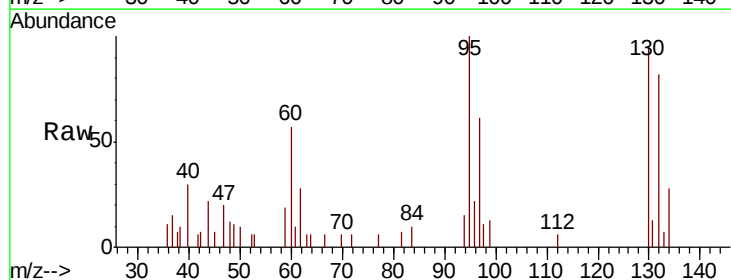
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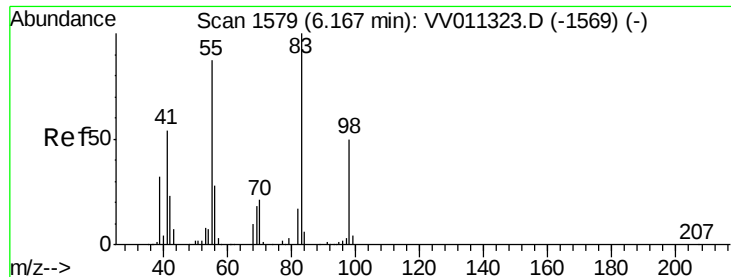
Tgt Ion: 83 Resp: 2381
Ion Ratio Lower Upper
83 100
85 57.8 44.1 81.9



#34
Trichloroethene
Concen: 0.360 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011332.D
Acq: 08 Jun 2019 21:42

Tgt Ion: 95 Resp: 3765
Ion Ratio Lower Upper
95 100
97 61.3 45.8 85.2
132 82.0 66.4 123.2
130 94.7 68.3 126.8





#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011332.D

Acq: 08 Jun 2019 21:42

Instrument :

MSVOA_V

ClientSampleId :

DB8E6

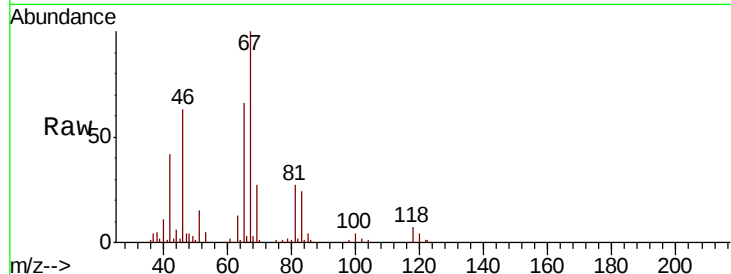
Tgt Ion: 83 Resp: 12660

Ion Ratio Lower Upper

83 100

55 1.0 67.0 100.6#

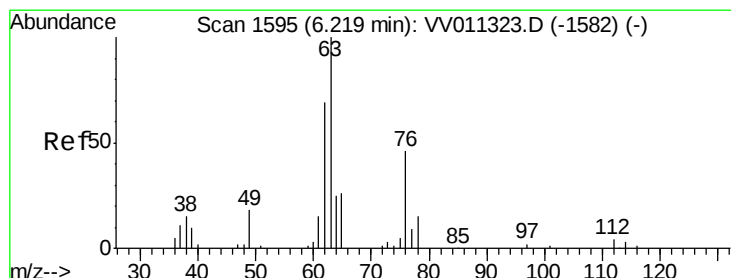
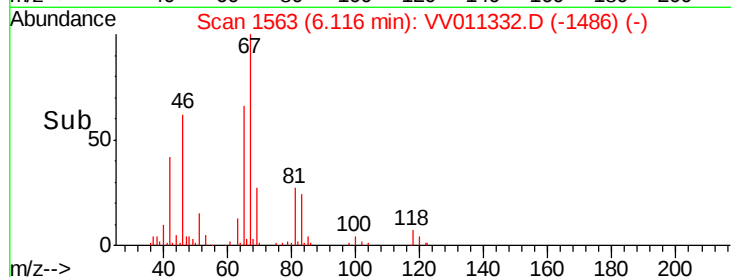
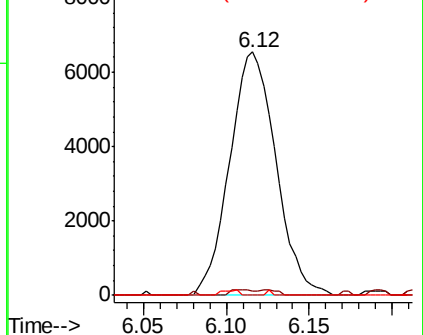
98 0.3 40.0 60.0#



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: 0.688 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011332.D

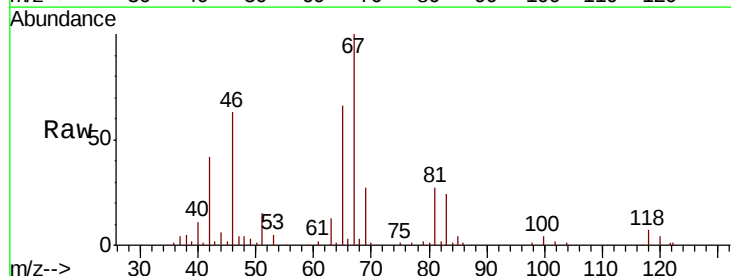
Acq: 08 Jun 2019 21:42

Tgt Ion: 63 Resp: 6942

Ion Ratio Lower Upper

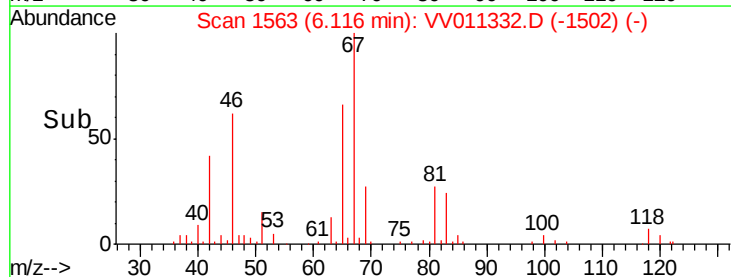
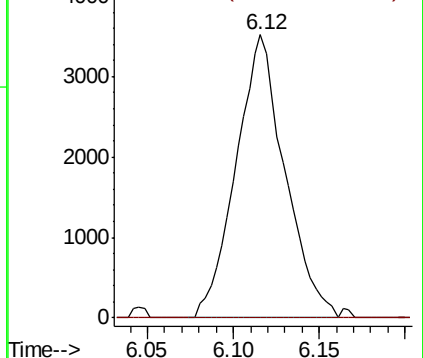
63 100

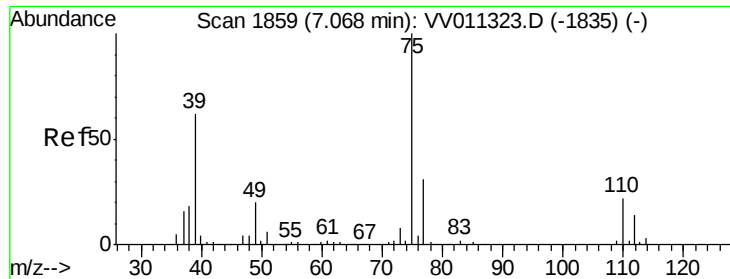
112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

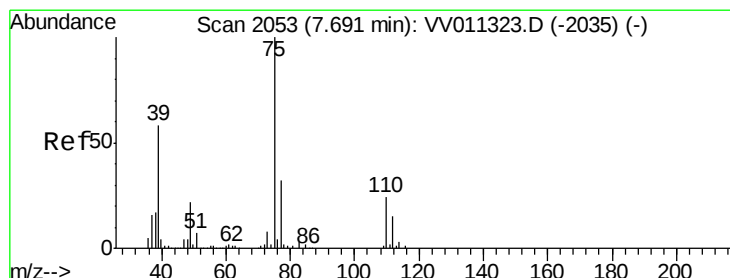
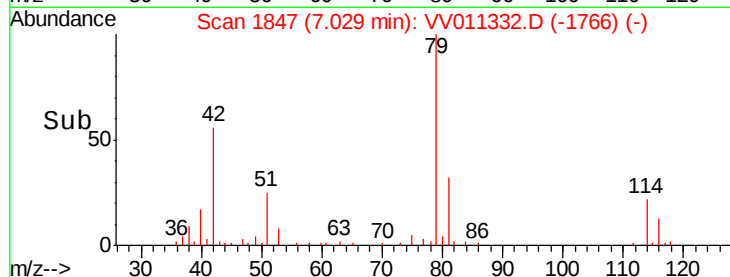
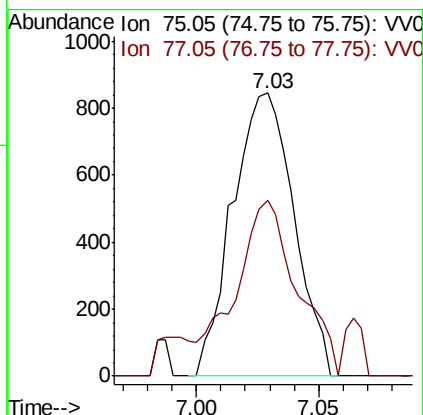
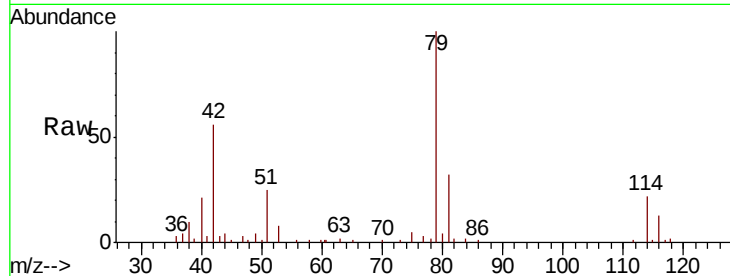




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011332.D
 Acq: 08 Jun 2019 21:42

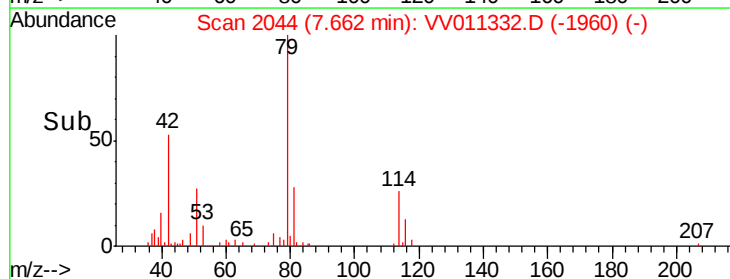
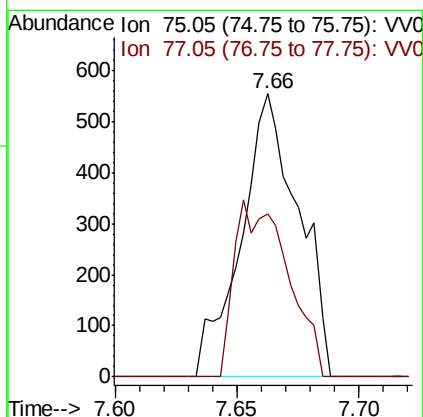
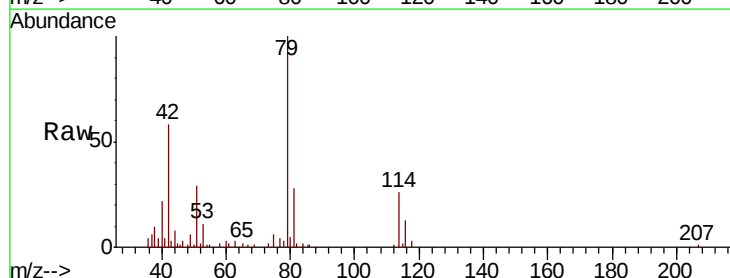
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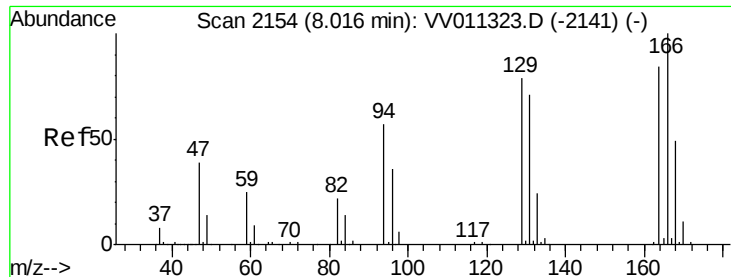
Tgt Ion: 75 Resp: 1476
 Ion Ratio Lower Upper
 75 100
 77 62.0 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011332.D
 Acq: 08 Jun 2019 21:42

Tgt Ion: 75 Resp: 904
 Ion Ratio Lower Upper
 75 100
 77 57.5 23.1 42.9#

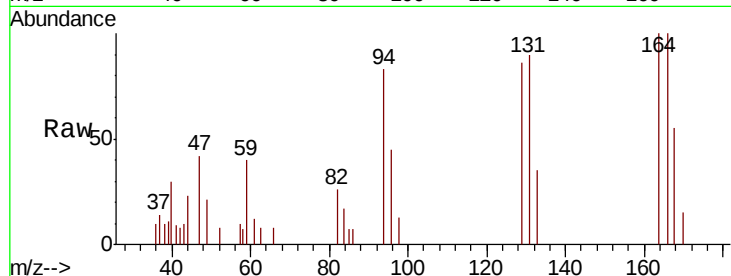




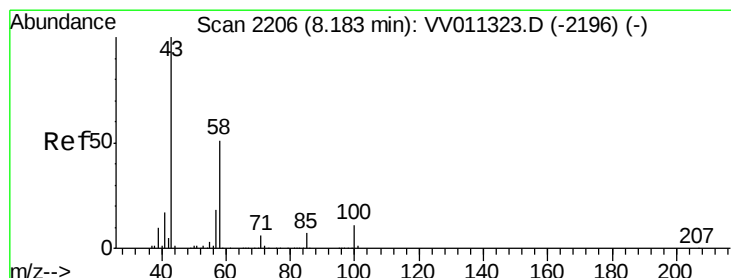
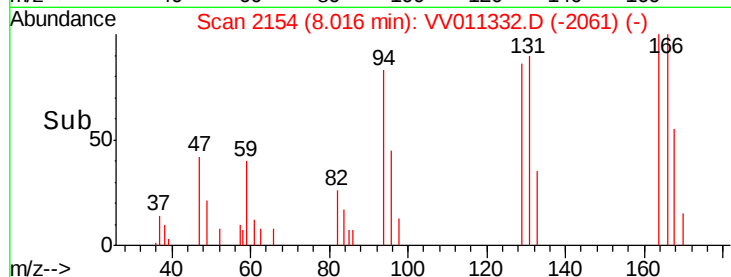
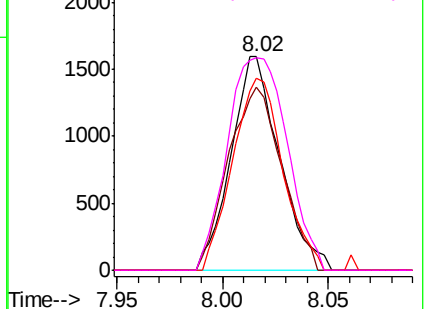
#47
Tetrachloroethene
Concen: 0.337 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011332.D
Acq: 08 Jun 2019 21:42

Instrument :
MSVOA_V
ClientSampleId :
DB8E6

Tgt Ion:164 Resp: 2553
Ion Ratio Lower Upper
164 100
129 85.7 69.9 129.9
131 89.6 66.8 124.2
166 99.6 90.2 167.6

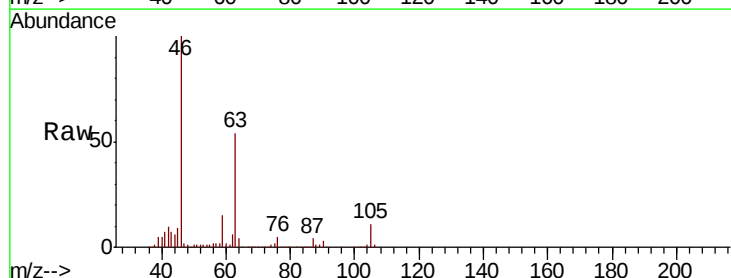


Abundance Ion 163.90 (163.60 to 164.60): V
2500
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

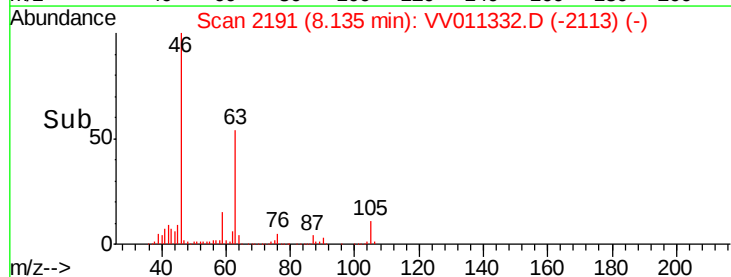
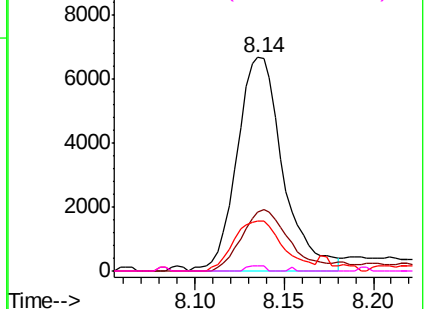


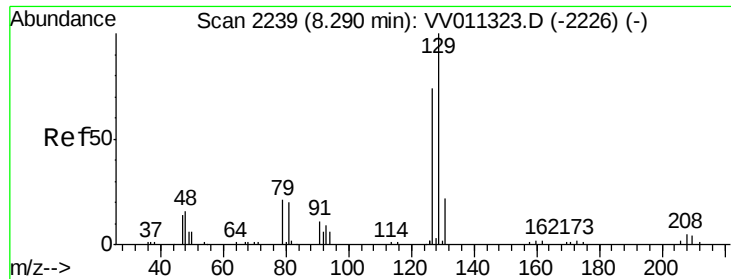
#48
2-Hexanone
Concen: 2.680 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011332.D
Acq: 08 Jun 2019 21:42

Tgt Ion: 43 Resp: 12006
Ion Ratio Lower Upper
43 100
58 29.9 41.4 62.0#
57 24.9 15.0 22.4#
100 0.9 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0
10000
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.308 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV011332.D

Acq: 08 Jun 2019 21:42

Instrument :

MSVOA_V

ClientSampleId :

DB8E6

Tgt Ion:129 Resp: 2261

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#

