

Data File : VV009808.D
Acq On : 21 Mar 2019 20:50
Operator : SY/MD
Sample : K2049-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P013-TW001-01

Quant Time: Mar 22 08:18:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56454	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.58	69	53641	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	103428	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.96	46	70824	55.38	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.76%
24) Chloroform-d	4.40	84	58089	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	29563	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.10	84	124308	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.12	67	38687	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	111930	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	11956	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	62116	52.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27493	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	40801	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

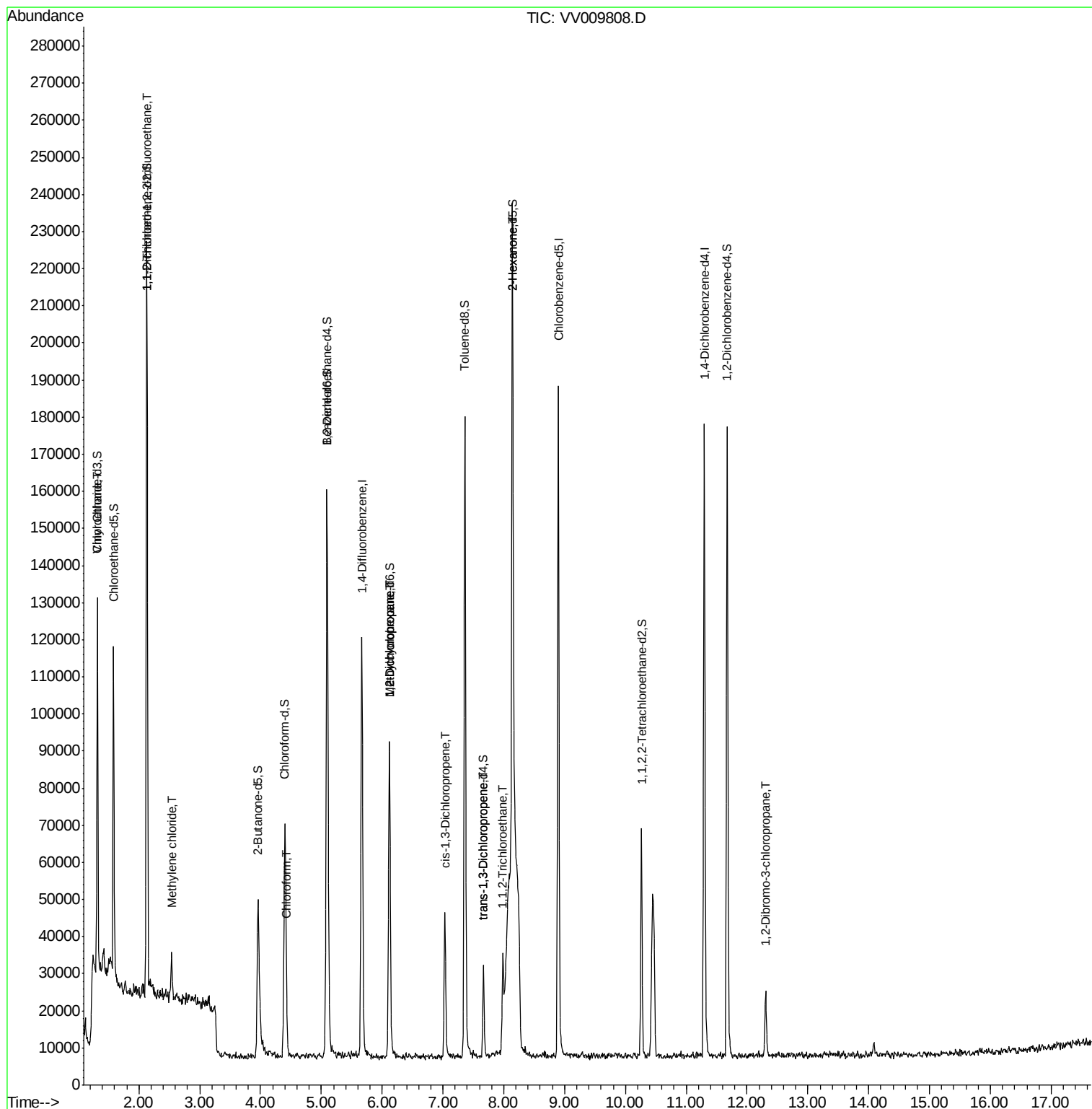
						Qvalue
8) Chloroethane	1.32	64	1135	0.123	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1123	0.082	ug/L #	24
16) Methylene chloride	2.54	84	4526	0.328	ug/L	91
25) Chloroform	4.43	83	1501	0.135	ug/L	79
35) Methylcyclohexane	6.12	83	9889	0.848	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4422	0.657	ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	1220	0.134	ug/L	90
44) trans-1,3-Dichloropropene	7.67	75	807	0.111	ug/L #	76
45) 1,1,2-Trichloroethane	7.98	97	615	0.134	ug/L #	14
48) 2-Hexanone	8.14	43	8304	3.001	ug/L #	81
66) 1,2-Dibromo-3-chloropropan	12.31	75	951	1.406	ug/L #	1

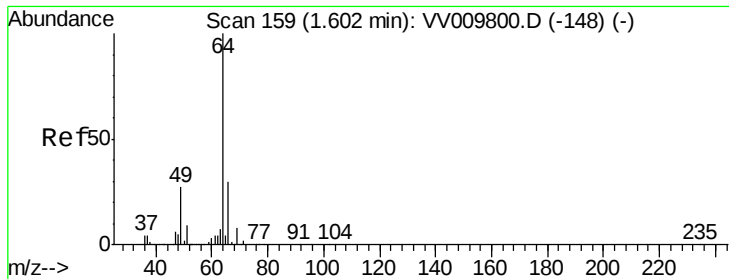
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.123 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

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Instrument :

MSVOA_V

ClientSampleId :

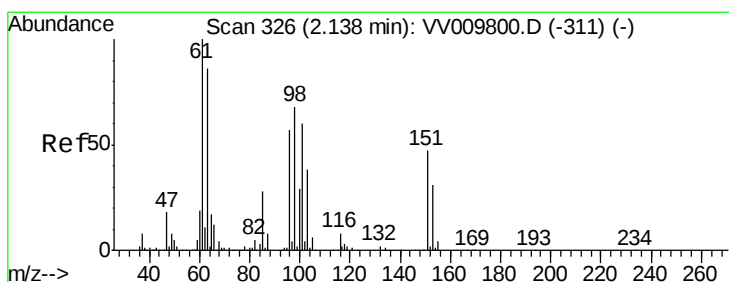
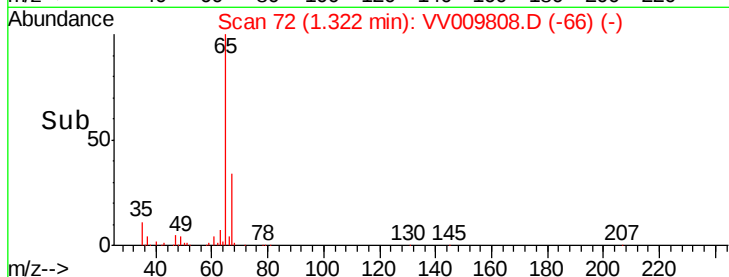
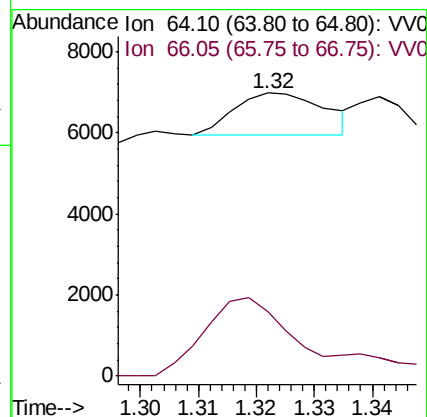
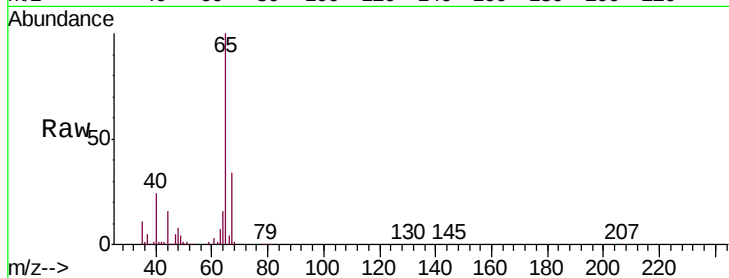
P013-TW001-01

Tgt Ion: 64 Resp: 1135

Ion Ratio Lower Upper

64 100

66 22.8 22.4 41.6



#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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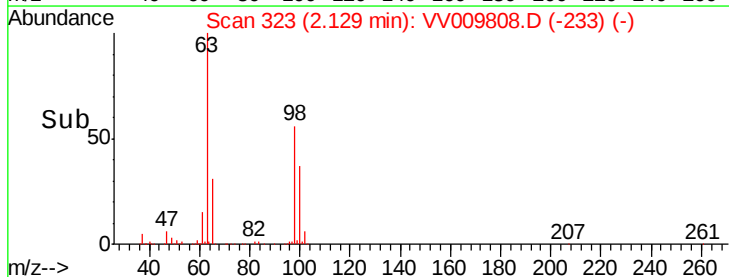
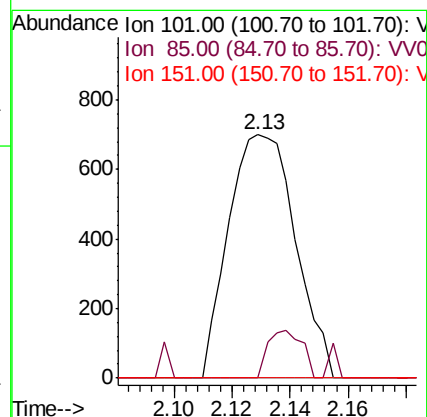
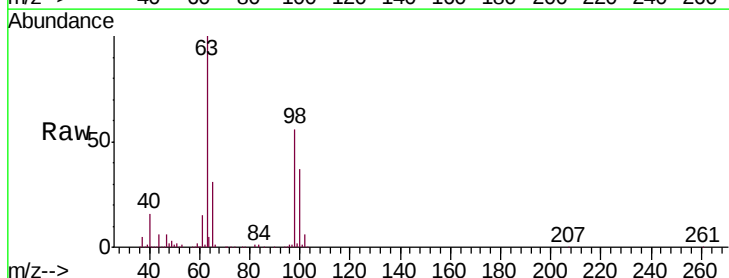
Tgt Ion: 101 Resp: 1123

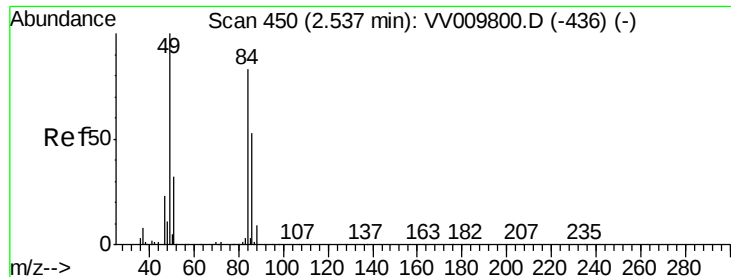
Ion Ratio Lower Upper

101 100

85 10.1 39.2 58.8#

151 0.0 61.1 91.7#

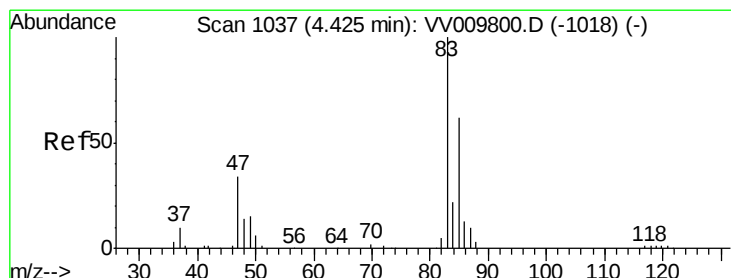
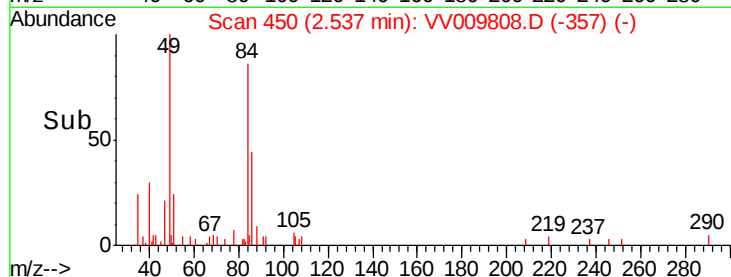
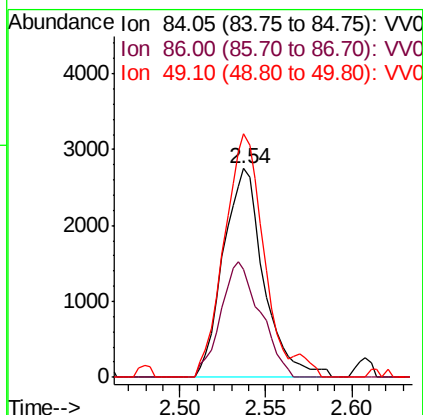
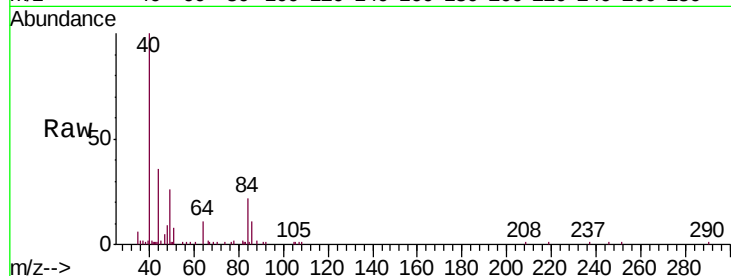




#16
Methylene chloride
Concen: 0.328 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009808.D
Acq: 21 Mar 2019 20:50

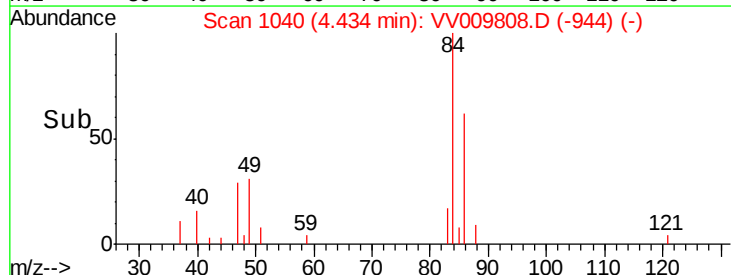
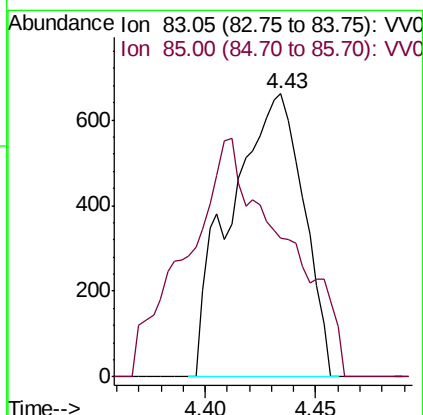
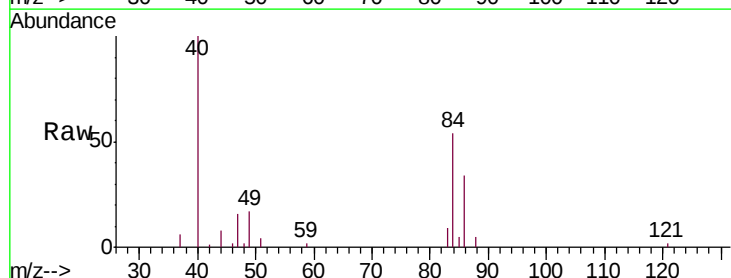
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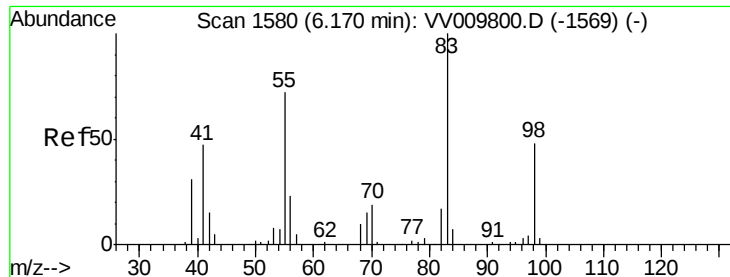
Tgt Ion: 84 Resp: 4526
Ion Ratio Lower Upper
84 100
86 51.8 46.1 85.5
49 122.4 89.7 166.5



#25
Chloroform
Concen: 0.135 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV009808.D
Acq: 21 Mar 2019 20:50

Tgt Ion: 83 Resp: 1501
Ion Ratio Lower Upper
83 100
85 49.0 45.7 84.9

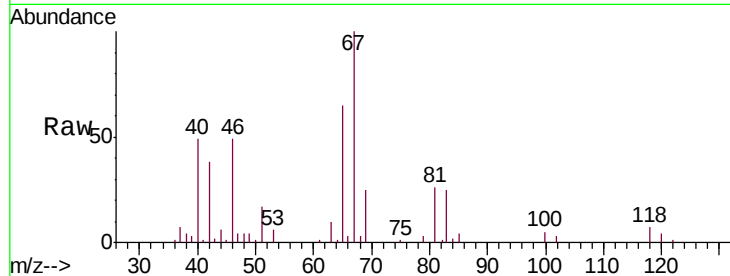




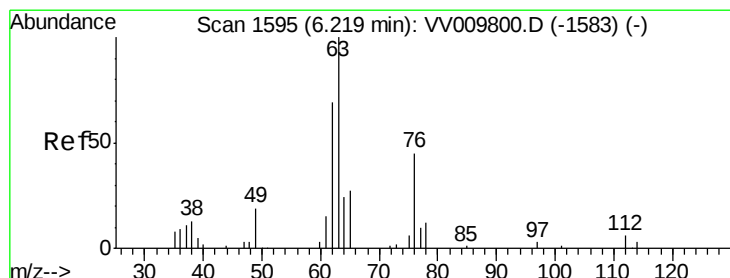
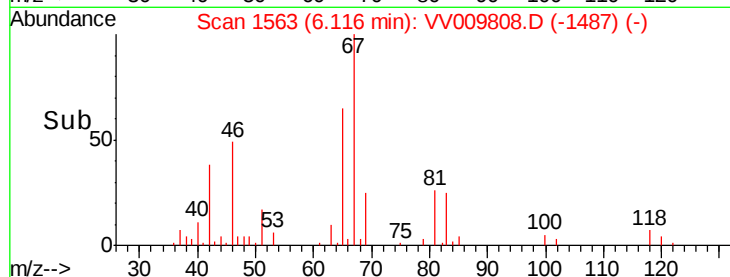
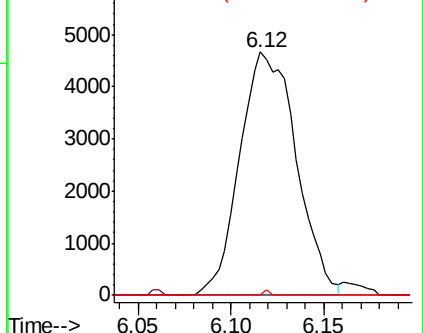
#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV009808.D
Acq: 21 Mar 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
P013-TW001-01

Tgt Ion: 83 Resp: 9889
Ion Ratio Lower Upper
83 100
55 0.4 57.4 86.2#
98 0.2 38.9 58.3#

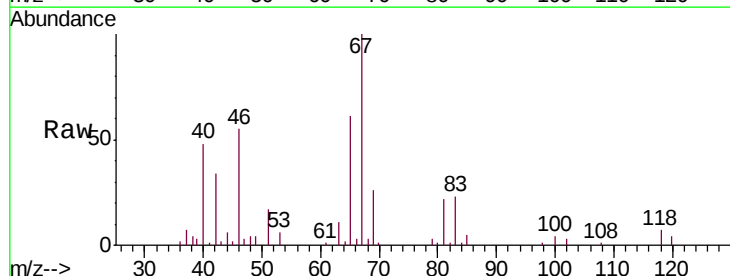


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

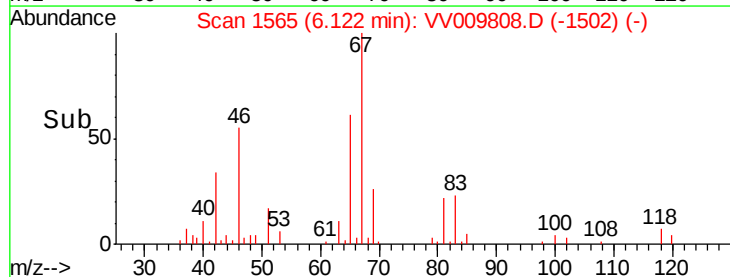
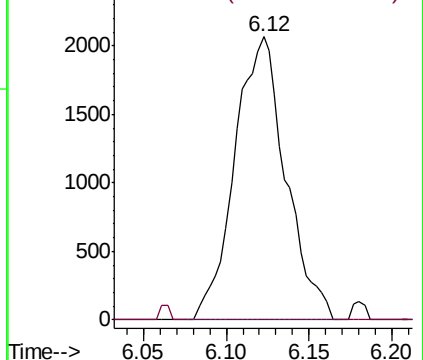


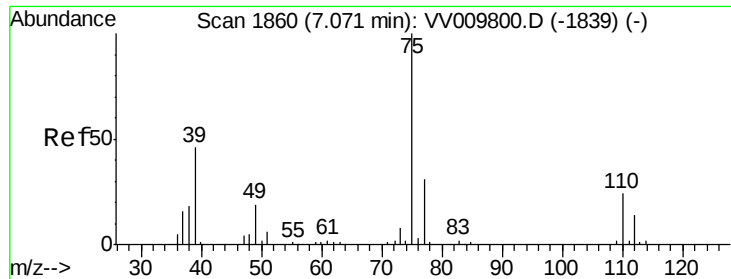
#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009808.D
Acq: 21 Mar 2019 20:50

Tgt Ion: 63 Resp: 4422
Ion Ratio Lower Upper
63 100
112 0.9 3.3 4.9#



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

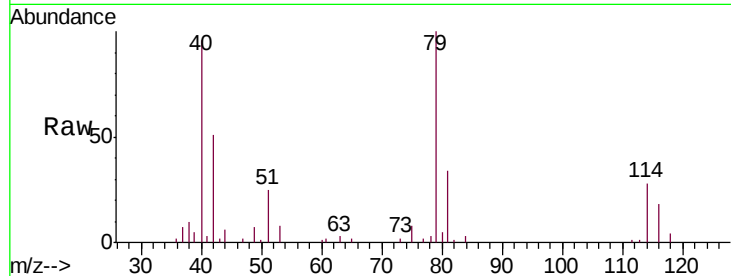




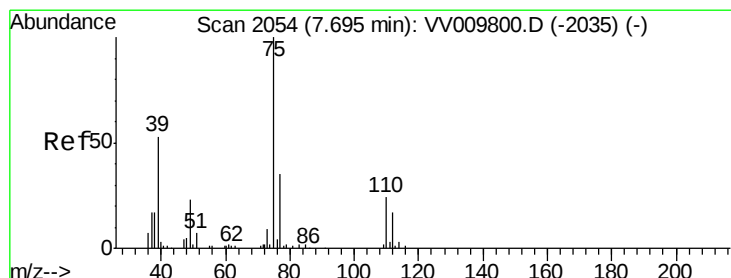
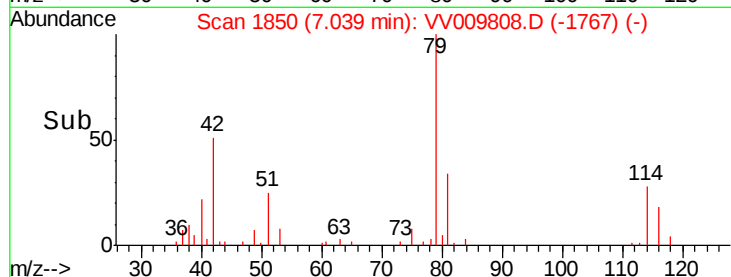
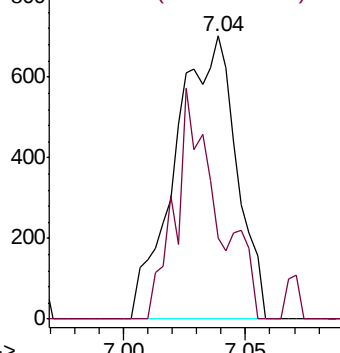
#39
 cis-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.03 min
 Lab File: VV009808.D
 Acq: 21 Mar 2019 20:50

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Tgt Ion: 75 Resp: 1220
 Ion Ratio Lower Upper
 75 100
 77 28.8 24.1 44.8

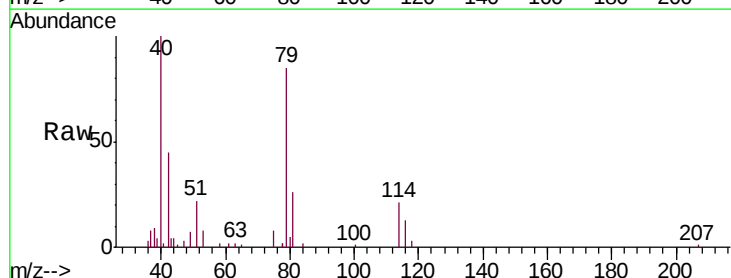


Abundance Ion 75.05 (74.75 to 75.75): VV009808.D (-1767) (-)
 Ion 77.05 (76.75 to 77.75): VV009808.D (-1767) (-)

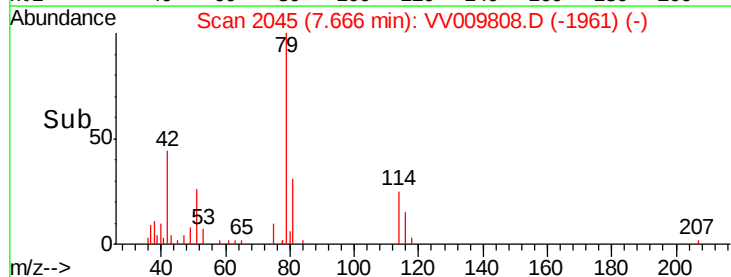
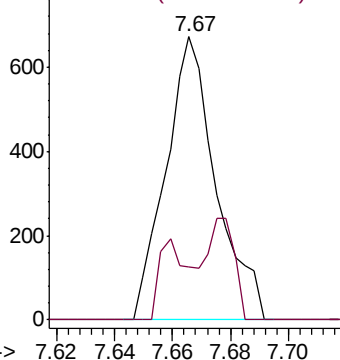


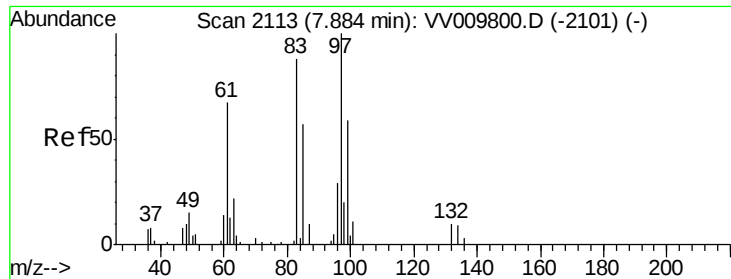
#44
 trans-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV009808.D
 Acq: 21 Mar 2019 20:50

Tgt Ion: 75 Resp: 807
 Ion Ratio Lower Upper
 75 100
 77 18.9 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VV009808.D (-1961) (-)
 Ion 77.05 (76.75 to 77.75): VV009808.D (-1961) (-)

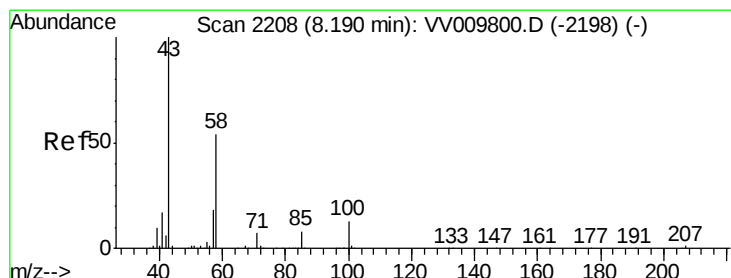
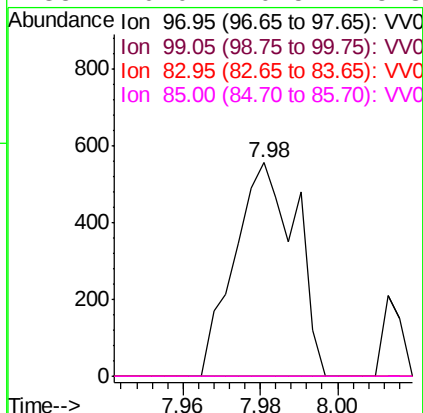
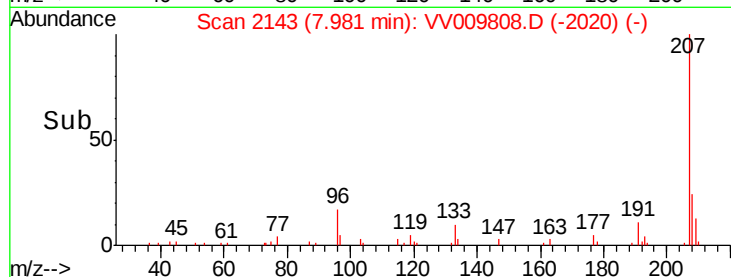
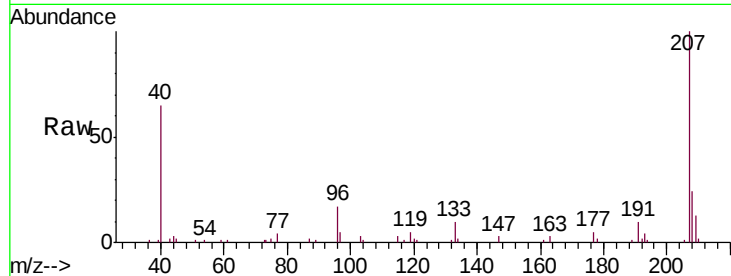




#45
 1,1,2-Trichloroethane
 Concen: 0.134 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.10 min
 Lab File: VV009808.D
 Acq: 21 Mar 2019 20:50

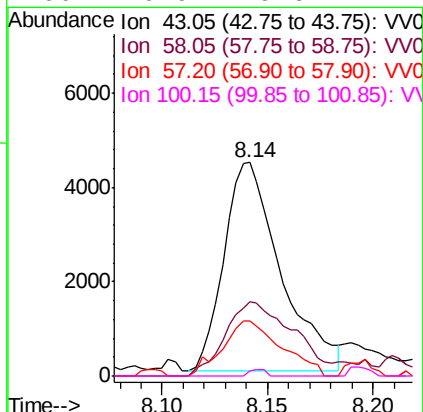
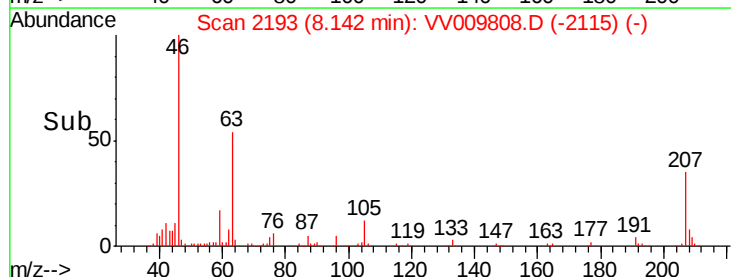
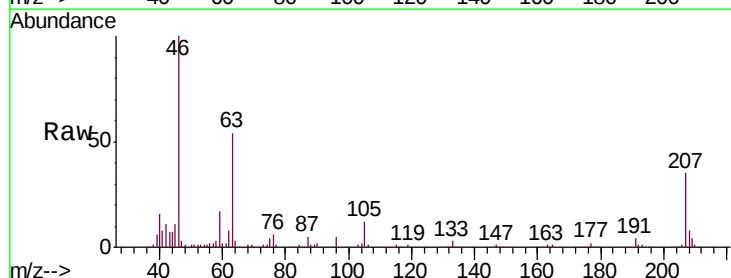
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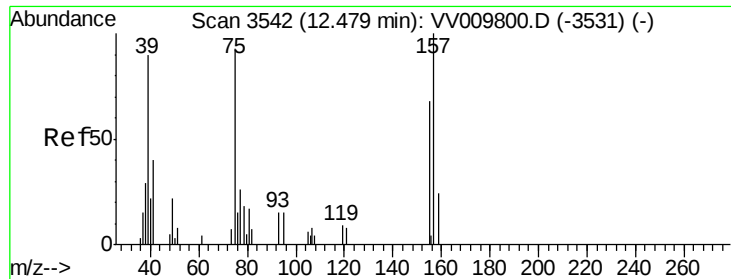
Tgt Ion: 97 Resp: 615
 Ion Ratio Lower Upper
 97 100
 99 0.0 43.8 81.4#
 83 0.0 60.7 112.7#
 85 0.0 40.5 75.3#



#48
 2-Hexanone
 Concen: 3.001 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV009808.D
 Acq: 21 Mar 2019 20:50

Tgt Ion: 43 Resp: 8304
 Ion Ratio Lower Upper
 43 100
 58 42.3 43.4 65.0#
 57 27.4 15.0 22.4#
 100 0.9 9.6 14.4#





#66

1,2-Dibromo-3-chloropropane

Concen: 1.406 ug/L

RT: 12.31 min Scan# 3489

Delta R.T. -0.17 min

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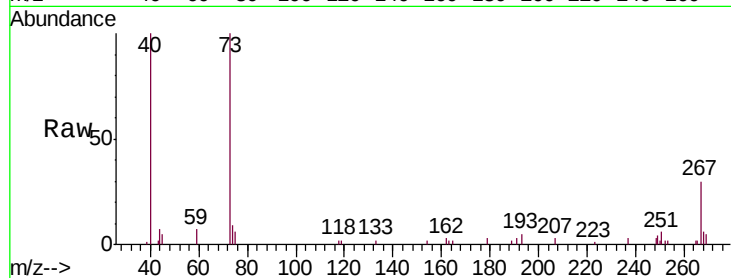
Tgt Ion: 75 Resp: 951

Ion Ratio Lower Upper

75 100

155 0.0 73.5 110.3#

157 0.0 88.3 132.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

