

Data File : VV009810.D
Acq On : 21 Mar 2019 21:42
Operator : SY/MD
Sample : K2049-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P016-TW001-01

Quant Time: Mar 22 08:18:49 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	91740	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54439	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.59	69	53168	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.13	63	106934	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.95	46	65527	51.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.14%
24) Chloroform-d	4.40	84	54848	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.09	65	29785	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.10	84	123122	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	36296	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	111225	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	11918	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	60877	51.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27420	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	40185	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

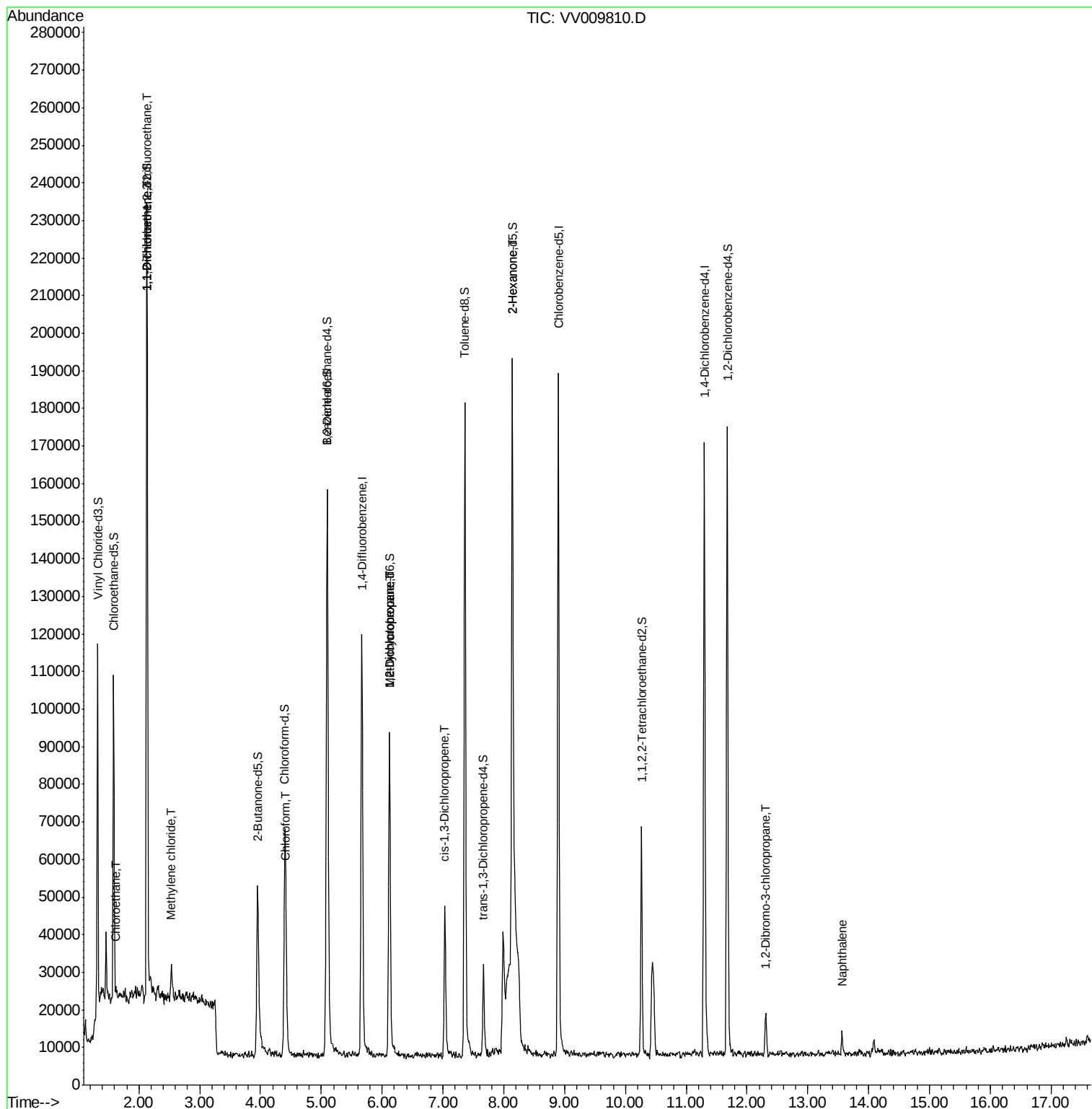
						Qvalue
8) Chloroethane	1.62	64	760	0.082	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1162	0.084	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	1364	0.111	ug/L #	1
16) Methylene chloride	2.53	84	3216	0.232	ug/L	86
25) Chloroform	4.43	83	3843	0.346	ug/L	86
35) Methylcyclohexane	6.12	83	8810	0.752	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4621	0.683	ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1112	0.122	ug/L	94
48) 2-Hexanone	8.14	43	7687	2.764	ug/L #	81
66) 1,2-Dibromo-3-chloropropan	12.31	75	391	0.579	ug/L #	1
69) Naphthalene	13.56	128	3978	0.333	ug/L	97

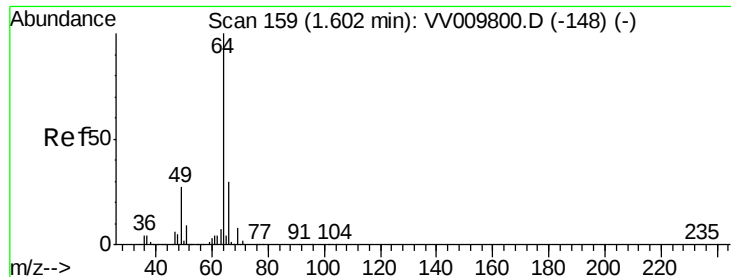
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
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#8

Chloroethane

Concen: 0.082 ug/L

RT: 1.62 min Scan# 165

Delta R.T. 0.02 min

Lab File: VV009810.D

Acq: 21 Mar 2019 21:42

Instrument :

MSVOA_V

ClientSampleId :

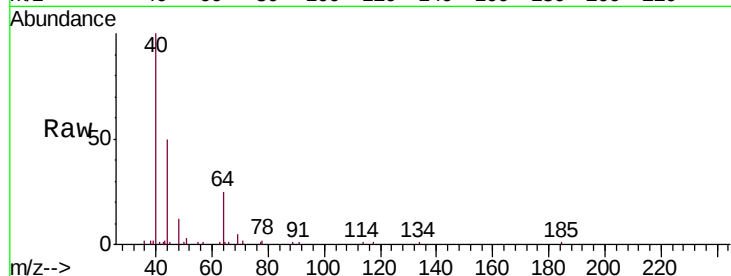
P016-TW001-01

Tgt Ion: 64 Resp: 760

Ion Ratio Lower Upper

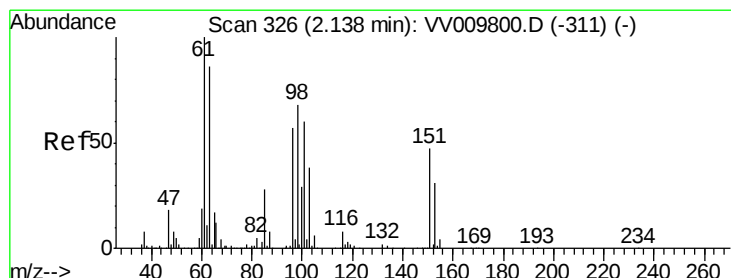
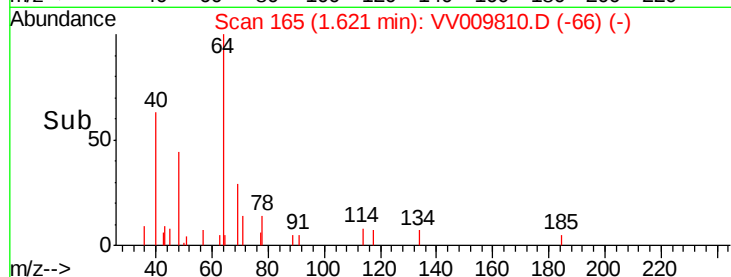
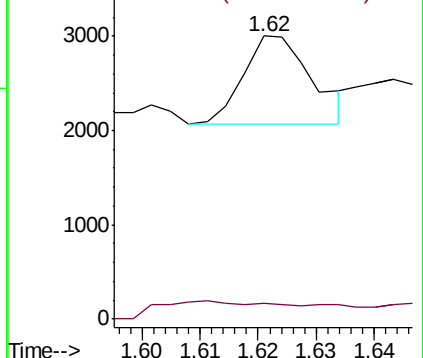
64 100

66 5.5 22.4 41.6#



Abundance Ion 64.10 (63.80 to 64.80): VV009810.D (-66) (-)

Ion 66.05 (65.75 to 66.75): VV009810.D (-66) (-)



#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV009810.D

Acq: 21 Mar 2019 21:42

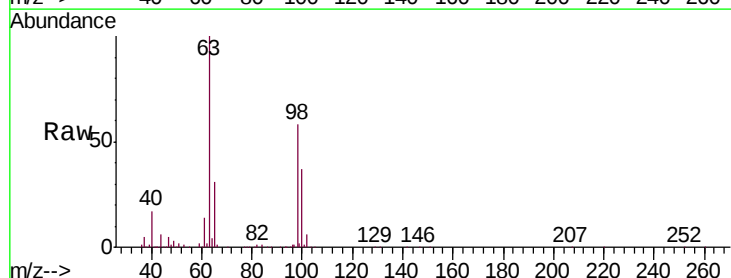
Tgt Ion: 101 Resp: 1162

Ion Ratio Lower Upper

101 100

85 3.5 39.2 58.8#

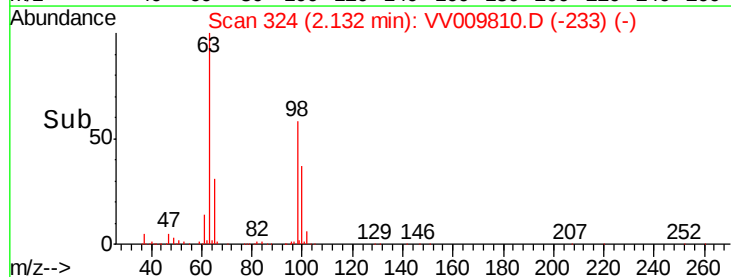
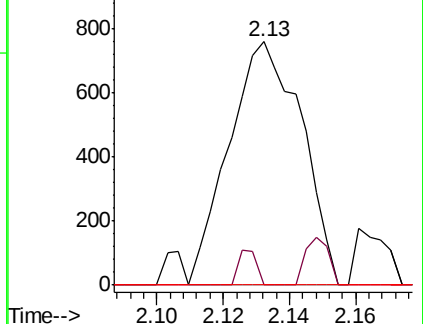
151 0.0 61.1 91.7#

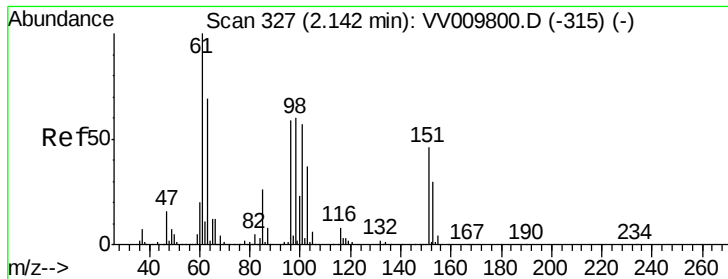


Abundance Ion 101.00 (100.70 to 101.70): VV009810.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV009810.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV009810.D (-233) (-)





#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV009810.D

Acq: 21 Mar 2019 21:42

Instrument :

MSVOA_V

ClientSampleId :

P016-TW001-01

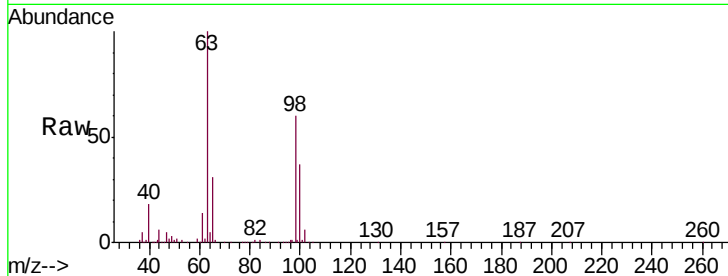
Tgt Ion: 96 Resp: 1364

Ion Ratio Lower Upper

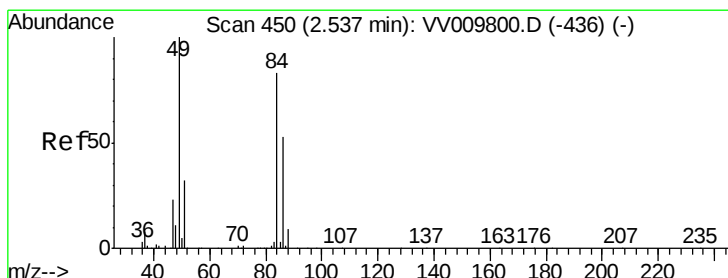
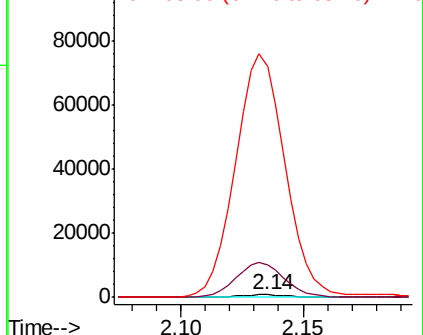
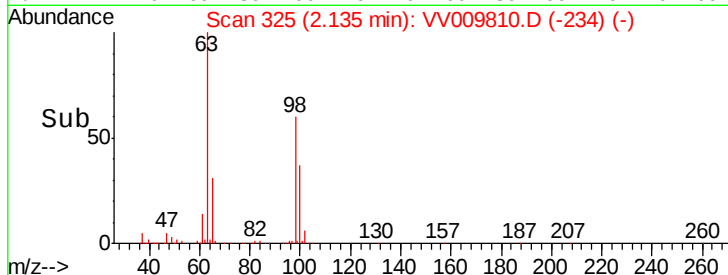
96 100

61 1331.1 127.1 236.0#

63 9402.9 88.8 164.8#



Abundance Ion 96.00 (95.70 to 96.70): VV009810.D (-234) (-)



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

Lab File: VV009810.D

Acq: 21 Mar 2019 21:42

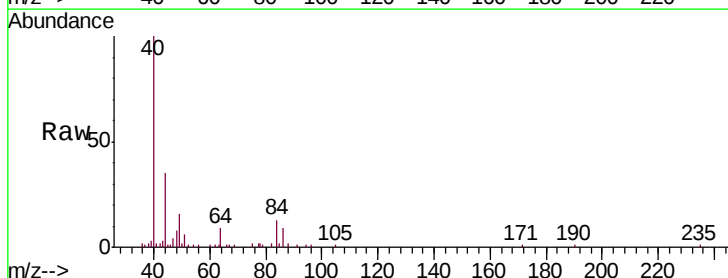
Tgt Ion: 84 Resp: 3216

Ion Ratio Lower Upper

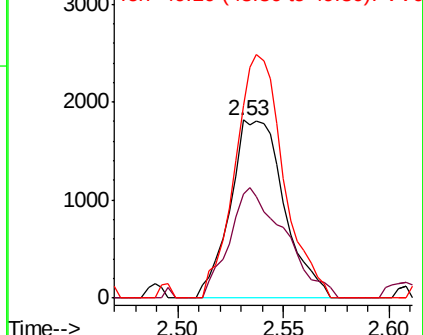
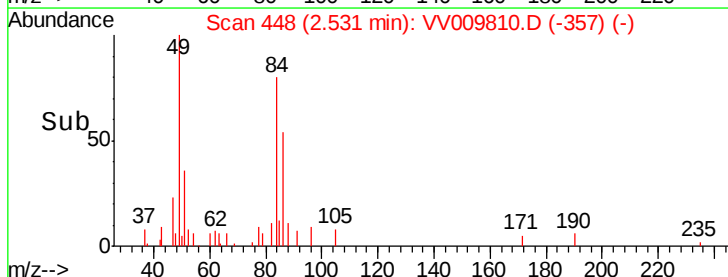
84 100

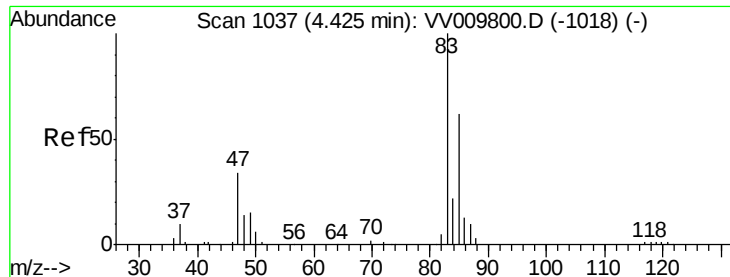
86 58.6 46.1 85.5

49 108.6 89.7 166.5



Abundance Ion 84.05 (83.75 to 84.75): VV009810.D (-357) (-)

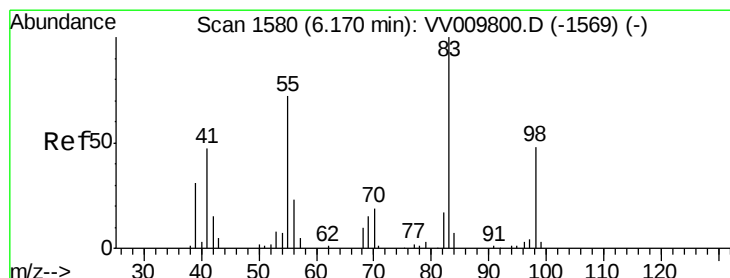
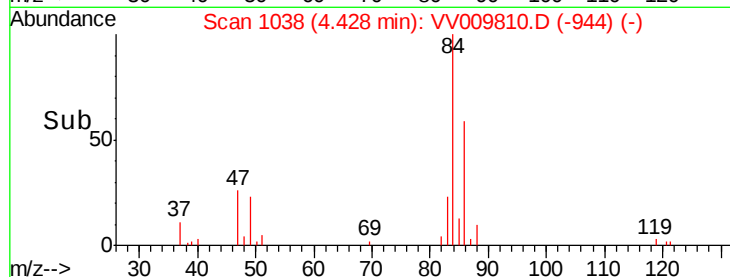
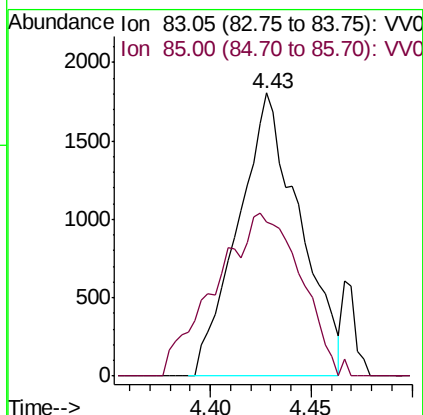
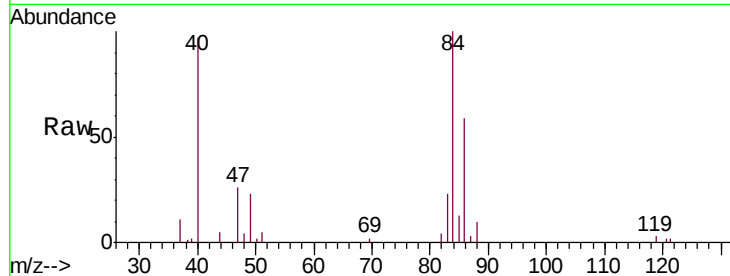




#25
Chloroform
Concen: 0.346 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009810.D
Acq: 21 Mar 2019 21:42

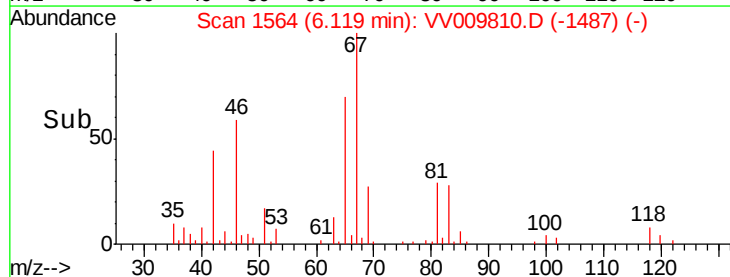
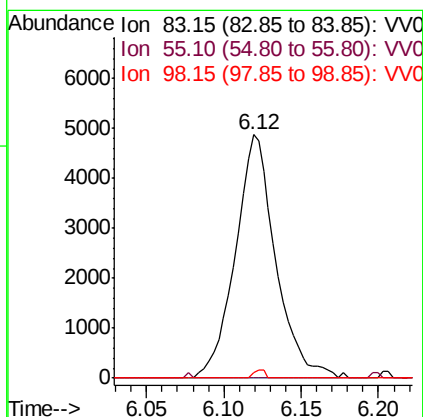
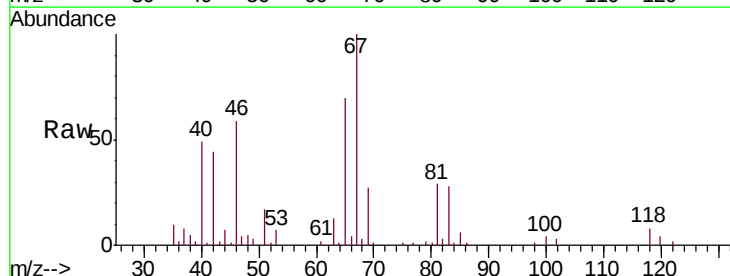
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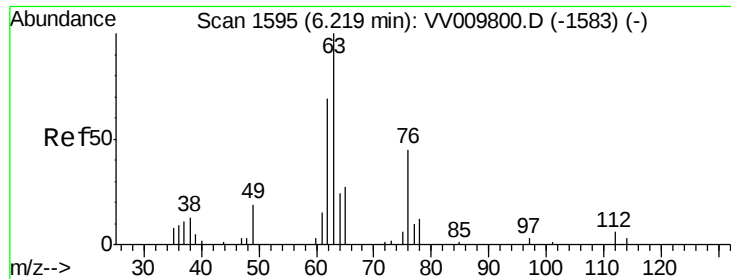
Tgt Ion: 83 Resp: 3843
Ion Ratio Lower Upper
83 100
85 54.3 45.7 84.9



#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009810.D
Acq: 21 Mar 2019 21:42

Tgt Ion: 83 Resp: 8810
Ion Ratio Lower Upper
83 100
55 0.2 57.4 86.2#
98 1.0 38.9 58.3#

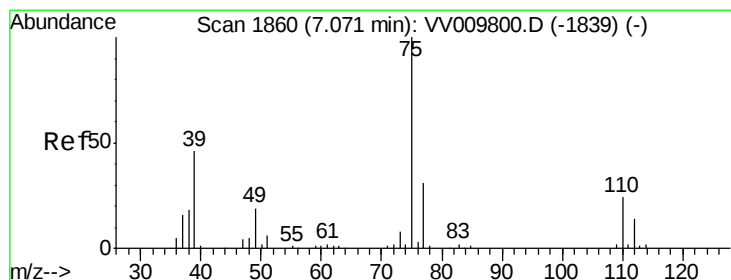
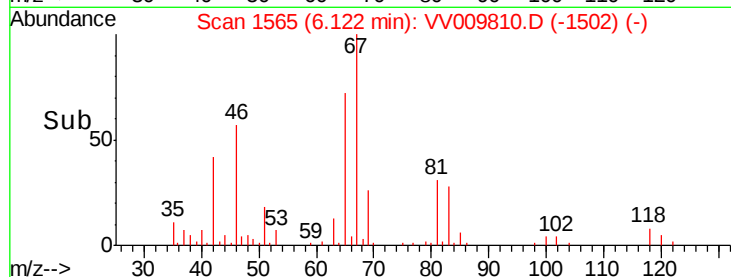
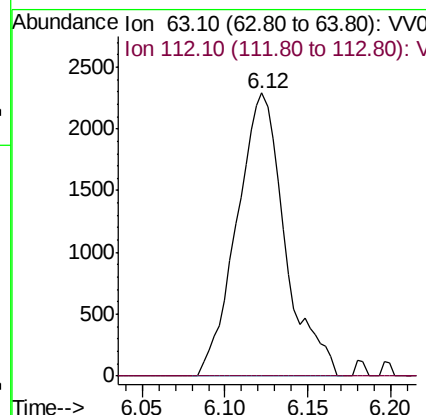
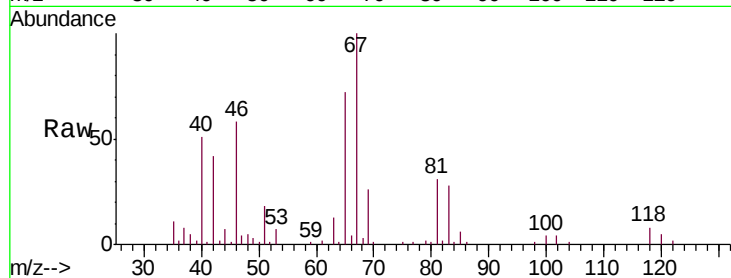




#37
 1,2-Dichloropropane
 Concen: 0.683 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV009810.D
 Acq: 21 Mar 2019 21:42

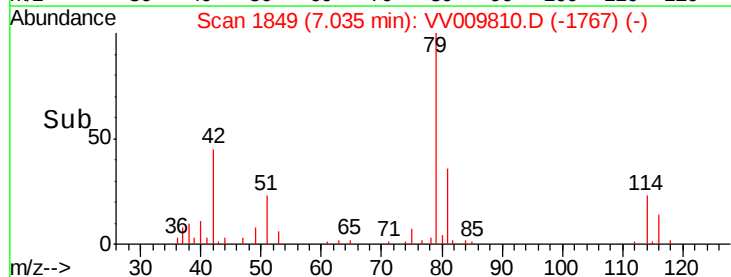
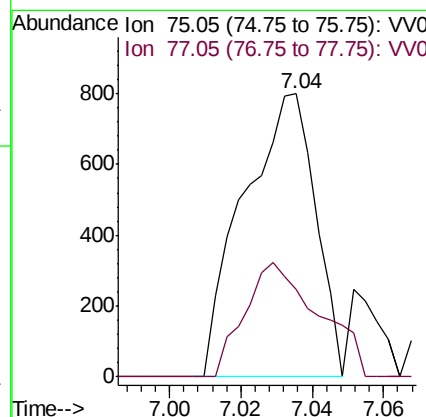
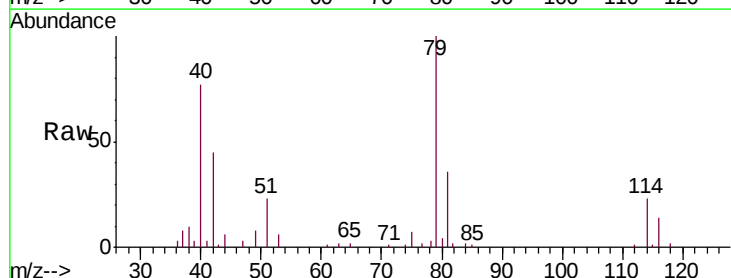
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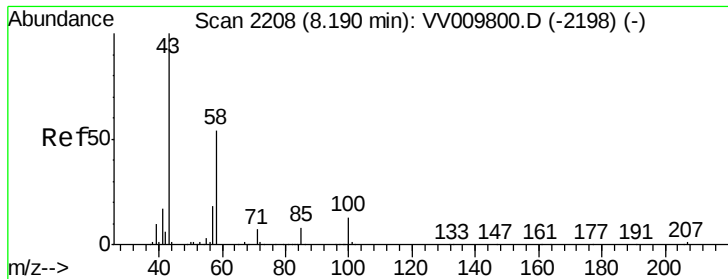
Tgt Ion: 63 Resp: 4621
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009810.D
 Acq: 21 Mar 2019 21:42

Tgt Ion: 75 Resp: 1112
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.1 44.8

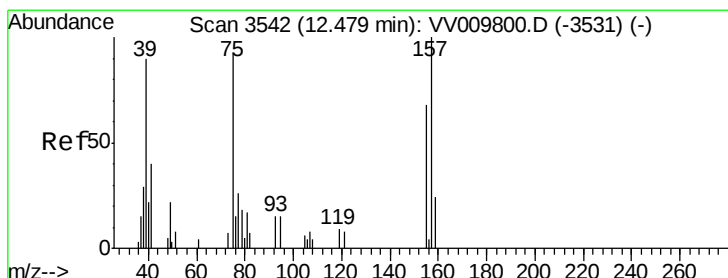
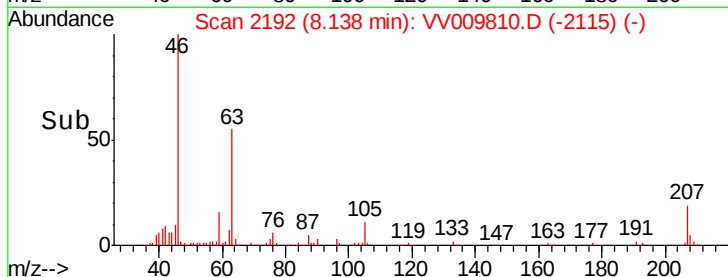
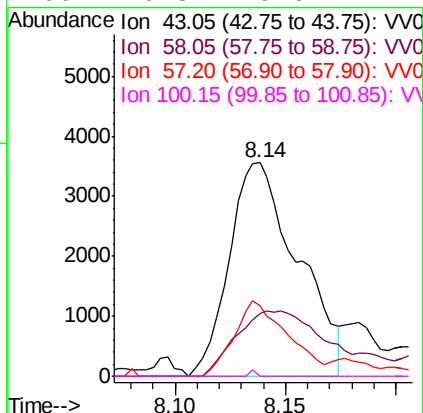
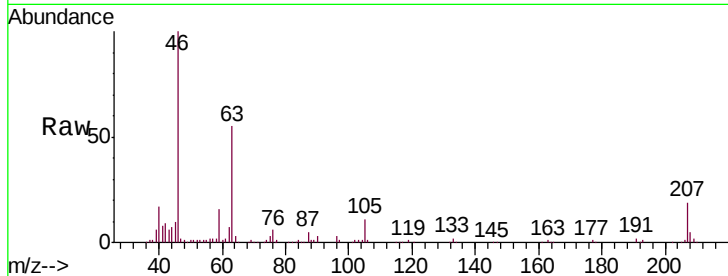




#48
 2-Hexanone
 Concen: 2.764 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV009810.D
 Acq: 21 Mar 2019 21:42

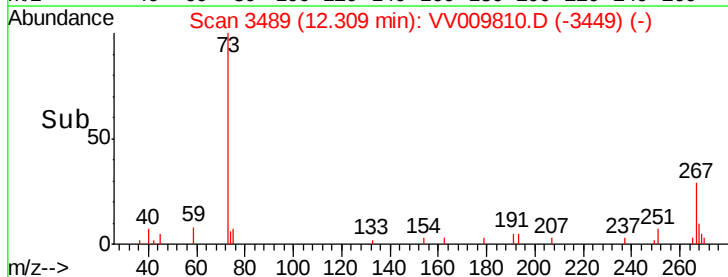
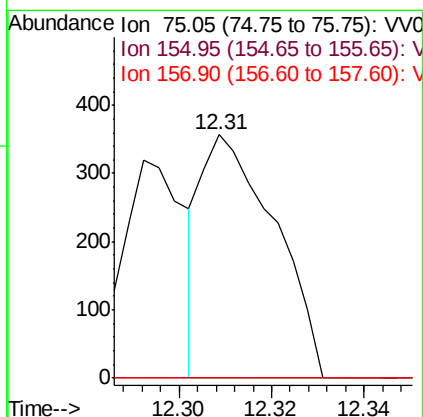
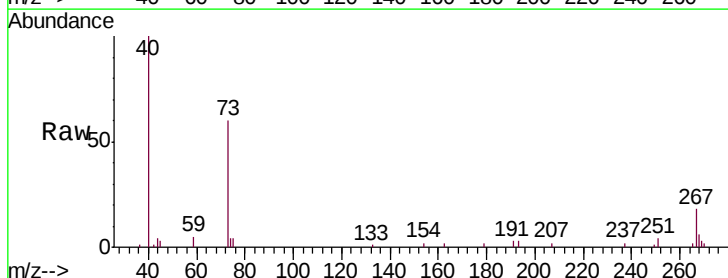
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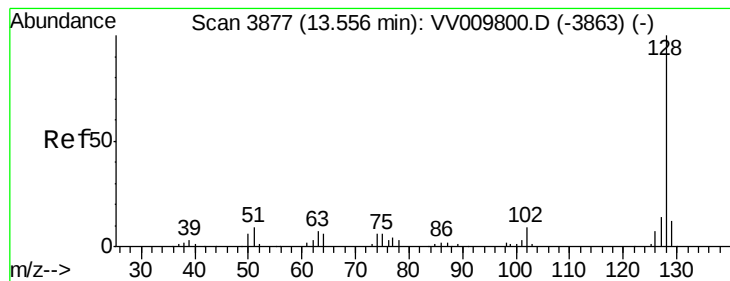
Tgt Ion:	43	Resp:	7687
Ion	Ratio	Lower	Upper
43	100		
58	42.9	43.4	65.0#
57	27.6	15.0	22.4#
100	0.3	9.6	14.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.579 ug/L
 RT: 12.31 min Scan# 3489
 Delta R.T. -0.17 min
 Lab File: VV009810.D
 Acq: 21 Mar 2019 21:42

Tgt Ion:	75	Resp:	391
Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.5	110.3#
157	0.0	88.3	132.5#





#69

Naphthalene

Concen: 0.333 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

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ClientSampleId :

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Tgt Ion:128 Resp: 3978

Ion Ratio Lower Upper

128 100

129 9.8 8.9 13.3

127 12.1 10.4 15.6

