

Data File : VV014047.D
Acq On : 13 Dec 2019 11:57
Operator : SY/MD
Sample : VV1213WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK91

Quant Time: Dec 14 03:27:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 14 03:25:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	367670	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	378361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122200	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	105604	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.13	63	152192	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.95	46	243302	51.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.86%
24) Chloroform-d	4.40	84	222423	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	113189	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	412526	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.11	67	136615	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	326654	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.66	79	47645	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	174312	41.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101228	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	145398	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Qvalue	
6) Bromomethane	1.54	94	1063	0.092	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1804	0.089	ug/L #	40
12) 1,1-Dichloroethene	2.13	96	1364	0.077	ug/L #	1
14) Carbon disulfide	2.32	76	1805	0.044	ug/L #	65
16) Methylene chloride	2.53	84	12171	0.503	ug/L	94
25) Chloroform	4.42	83	8730	0.207	ug/L	96
35) Methylcyclohexane	6.11	83	33723	0.987	ug/L #	19
39) cis-1,3-Dichloropropene	7.03	75	3130	0.092	ug/L #	65
48) 2-Hexanone	8.19	43	30357	3.056	ug/L #	80
55) Styrene	9.60	104	6741	0.097	ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	2583	0.053	ug/L #	80
69) Naphthalene	13.55	128	5842	0.129	ug/L #	92

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

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ALS Vial      : 3      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VBLK91

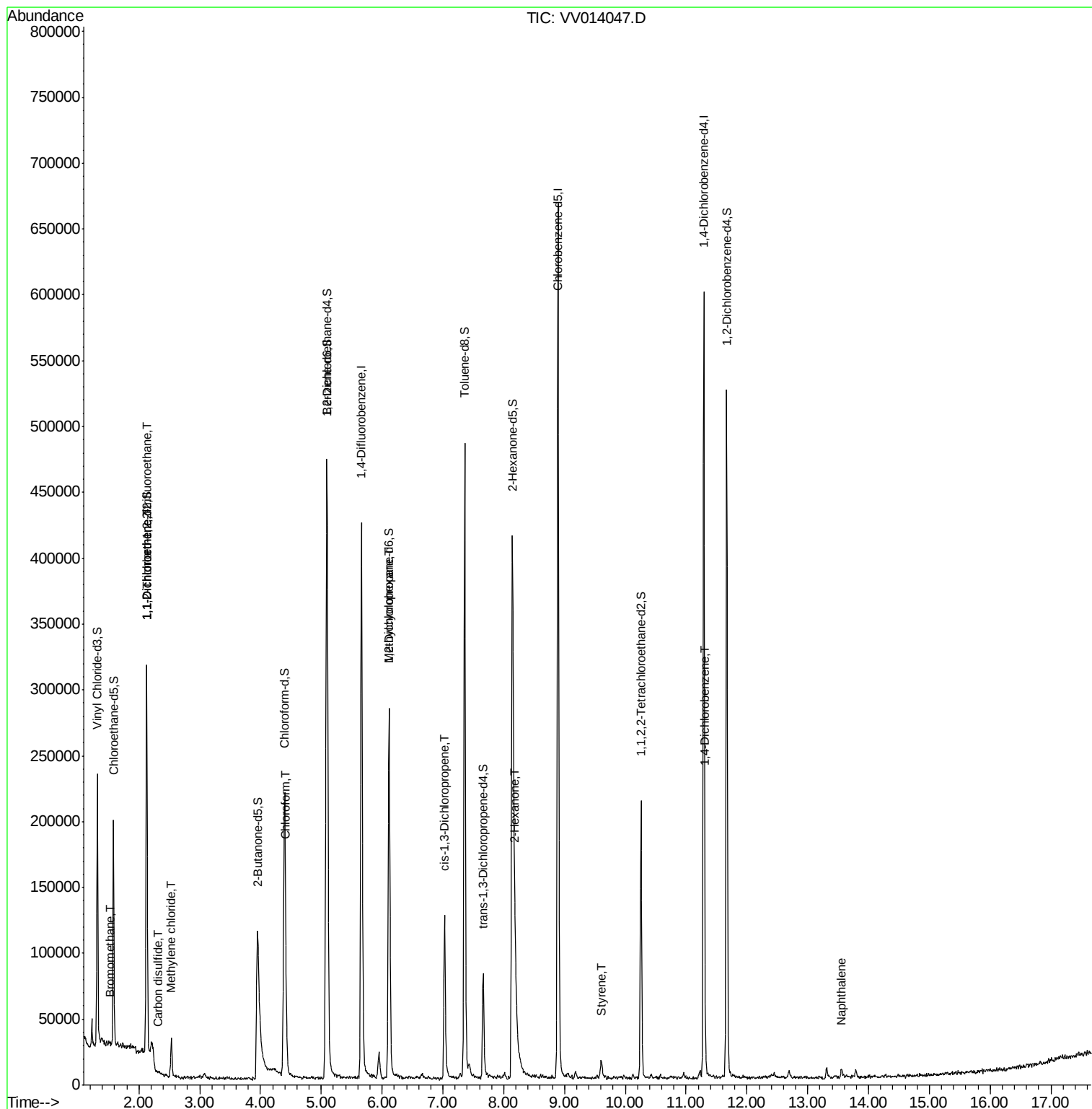
Quant Time: Dec 14 03:27:19 2019

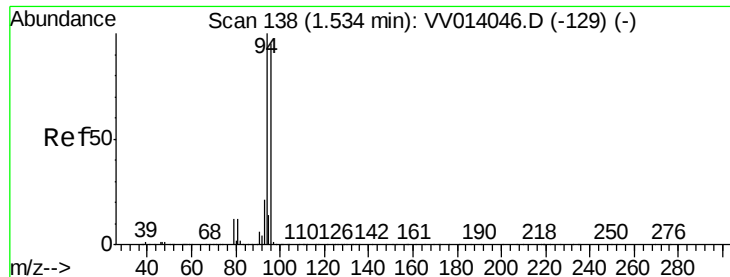
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR112219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Dec 14 03:25:09 2019

Response via : Initial Calibration





#6

Bromomethane

Concen: 0.092 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV014047.D

Acq: 13 Dec 2019 11:57

Instrument :

MSVOA_V

ClientSampleId :

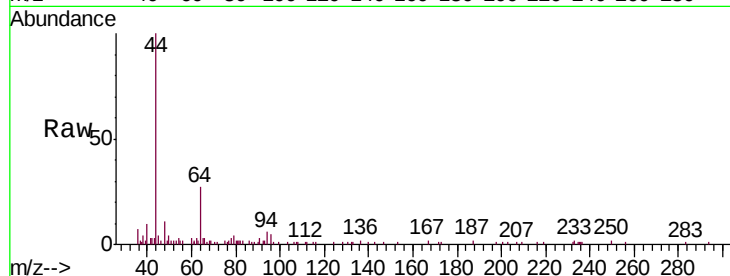
VBLK91

Tgt Ion: 94 Resp: 1063

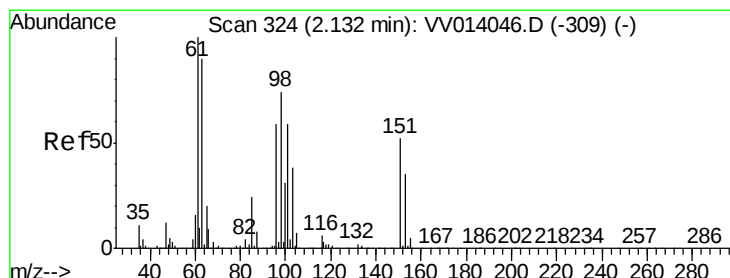
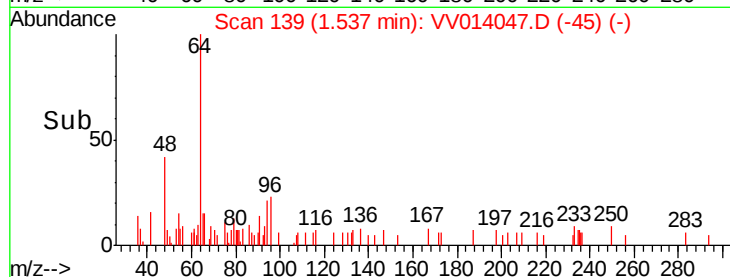
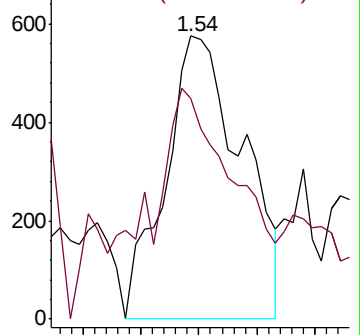
Ion Ratio Lower Upper

94 100

96 77.9 65.2 121.0



Abundance Ion 94.00 (93.70 to 94.70): VV014046.D (-129) (-)



#10

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

Concen: 0.089 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV014047.D

Acq: 13 Dec 2019 11:57

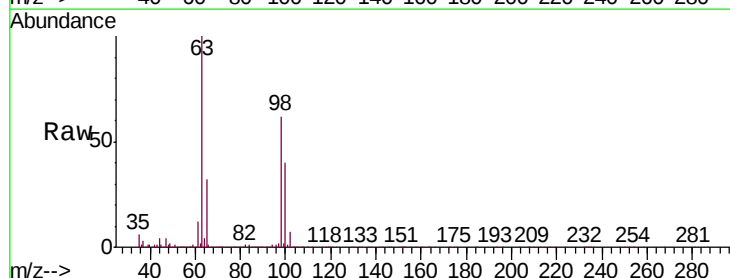
Tgt Ion: 101 Resp: 1804

Ion Ratio Lower Upper

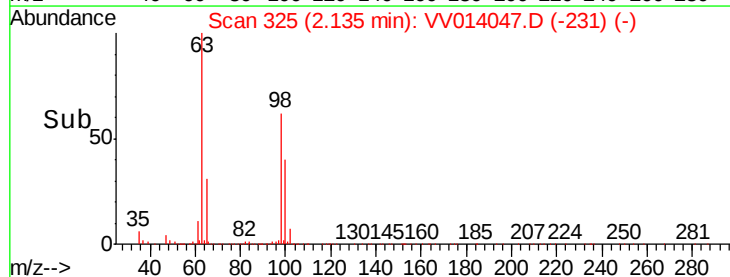
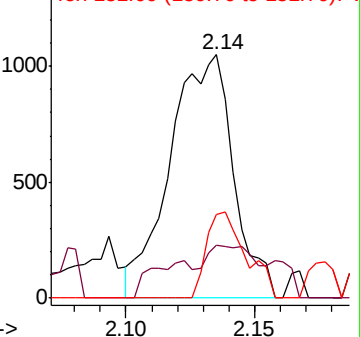
101 100

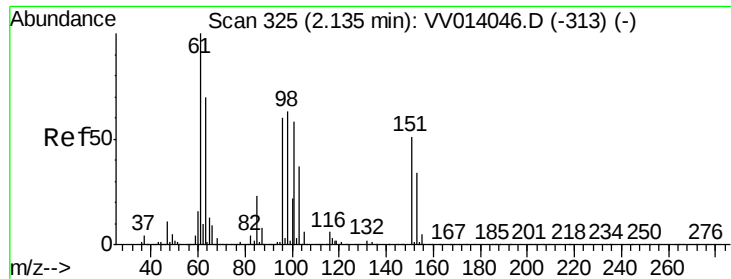
85 17.9 33.4 50.0#

151 21.9 69.4 104.0#



Abundance Ion 101.00 (100.70 to 101.70): VV014046.D (-309) (-)





#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014047.D

Acq: 13 Dec 2019 11:57

Instrument :

MSVOA_V

ClientSampleId :

VBLK91

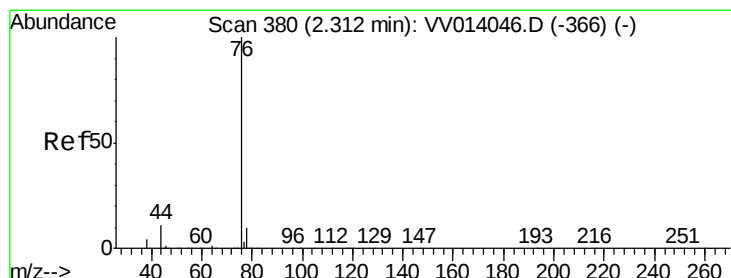
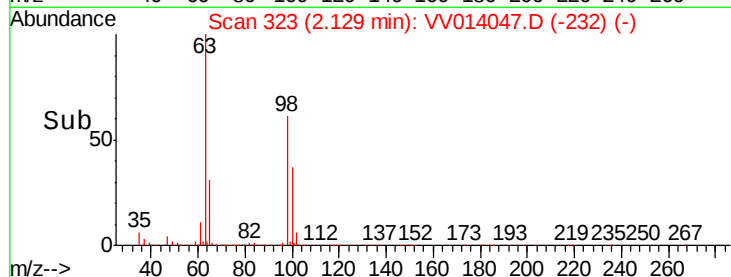
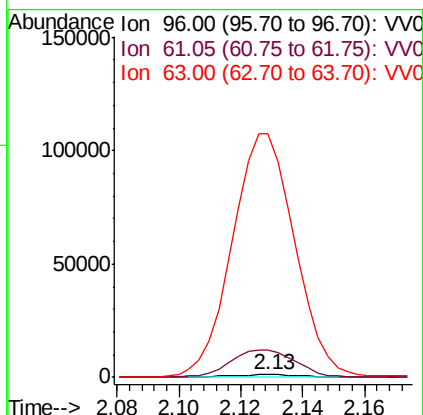
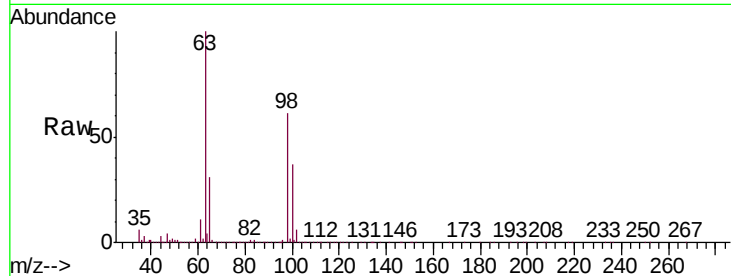
Tgt Ion: 96 Resp: 1364

Ion Ratio Lower Upper

96 100

61 948.0 116.3 215.9#

63 8506.1 96.7 179.7#



#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV014047.D

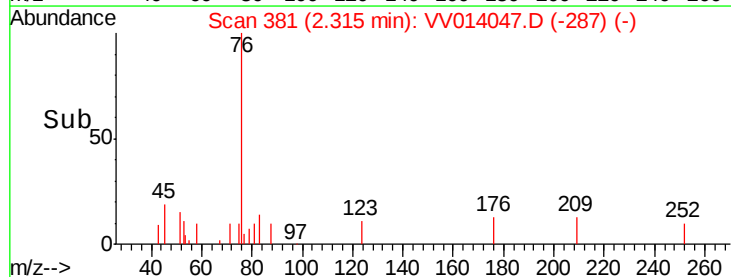
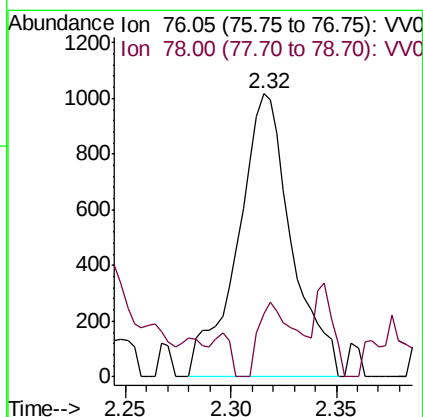
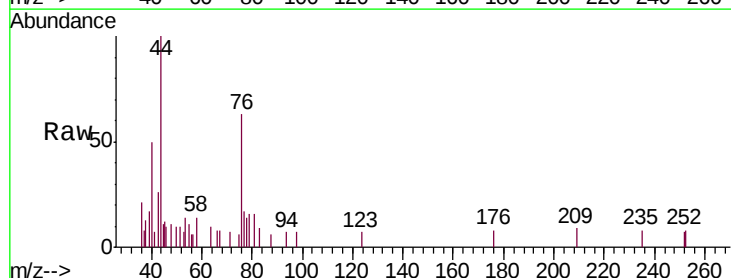
Acq: 13 Dec 2019 11:57

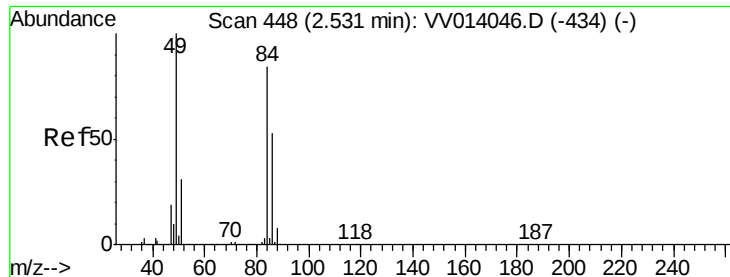
Tgt Ion: 76 Resp: 1805

Ion Ratio Lower Upper

76 100

78 22.2 7.5 11.3#

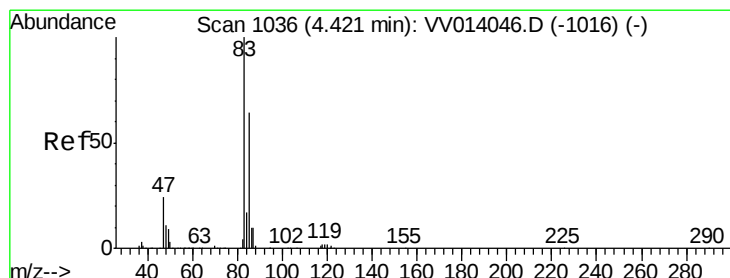
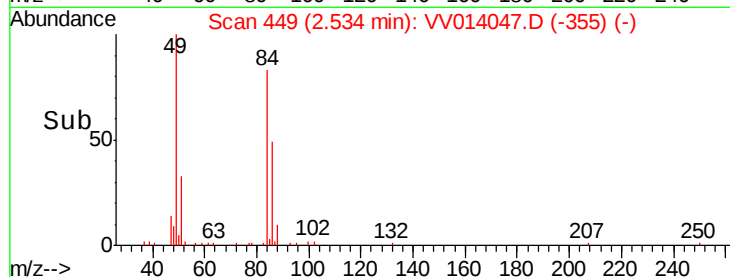
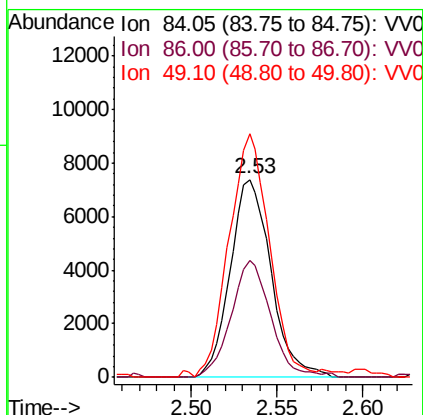
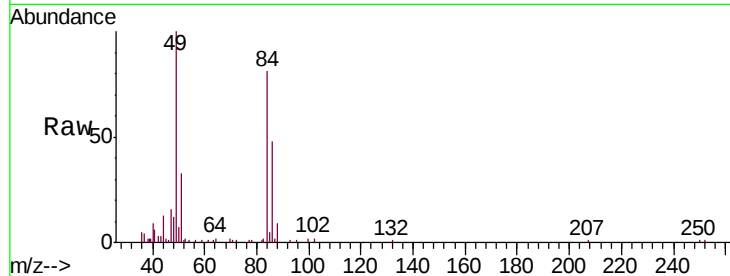




#16
Methylene chloride
Concen: 0.503 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014047.D
Acq: 13 Dec 2019 11:57

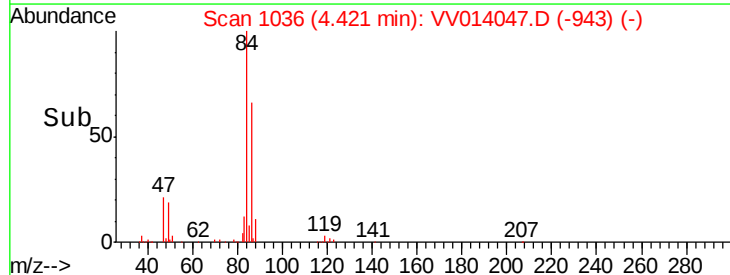
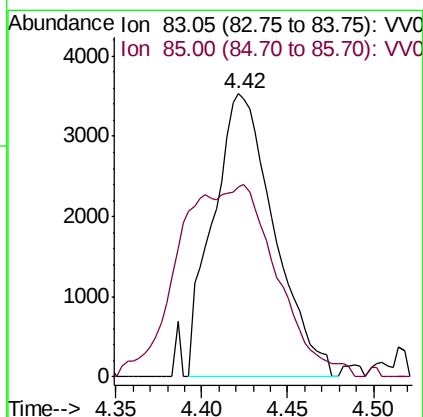
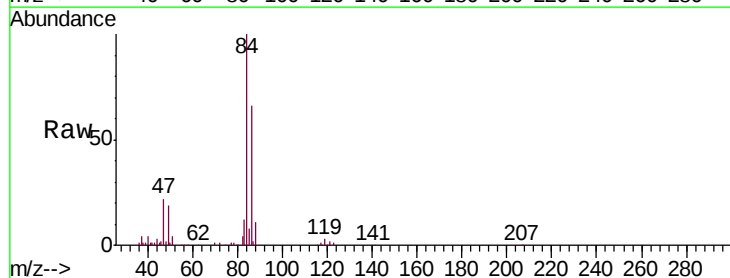
Instrument :
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VBLK91

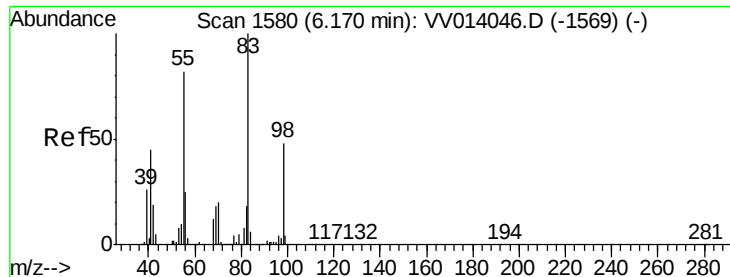
Tgt Ion: 84 Resp: 12171
Ion Ratio Lower Upper
84 100
86 59.2 44.0 81.6
49 123.2 81.5 151.5



#25
Chloroform
Concen: 0.207 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014047.D
Acq: 13 Dec 2019 11:57

Tgt Ion: 83 Resp: 8730
Ion Ratio Lower Upper
83 100
85 67.2 45.1 83.7

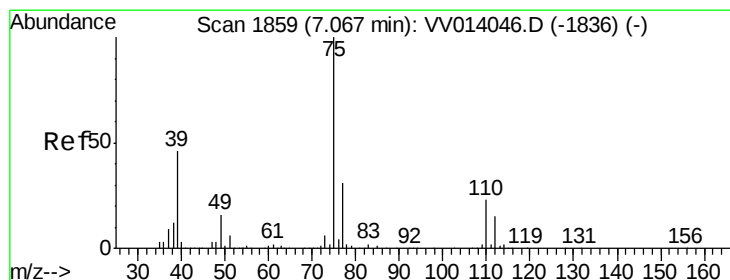
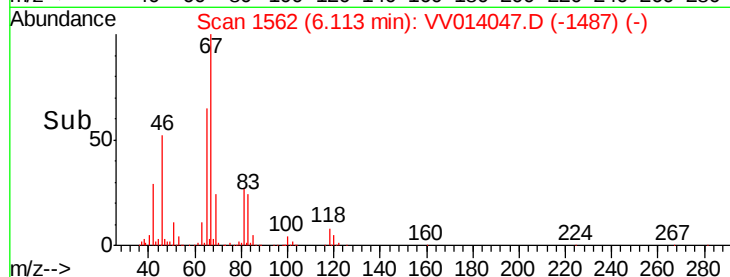
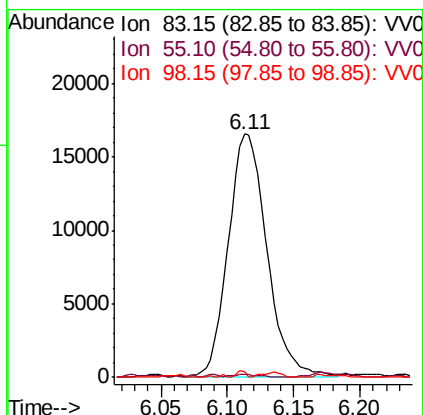
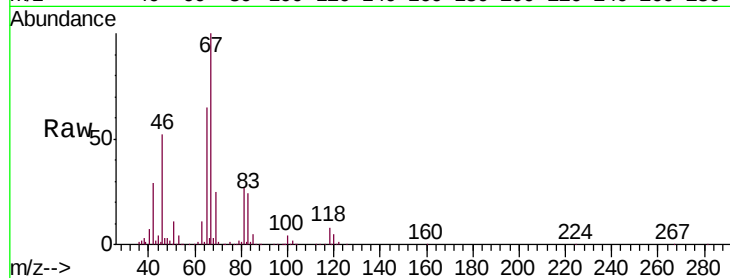




#35
Methylcyclohexane
Concen: 0.987 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014047.D
Acq: 13 Dec 2019 11:57

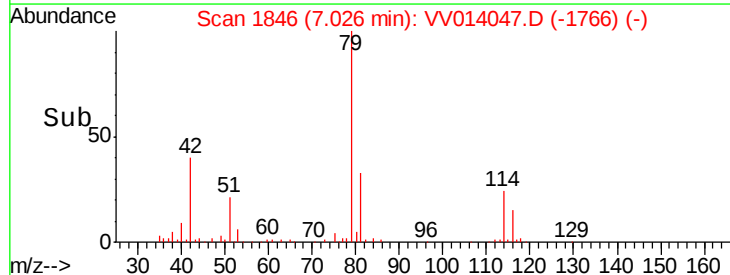
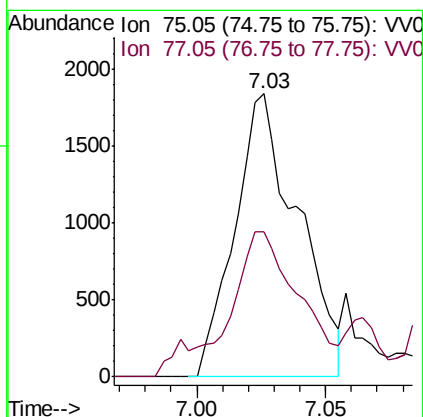
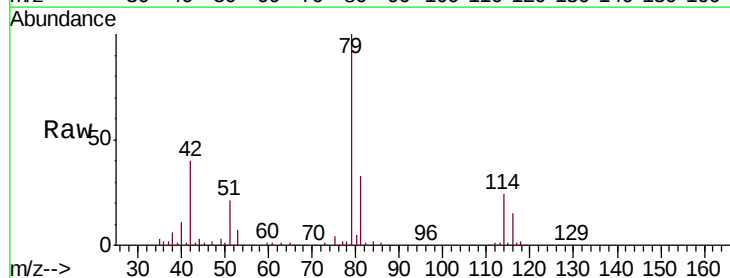
Instrument :
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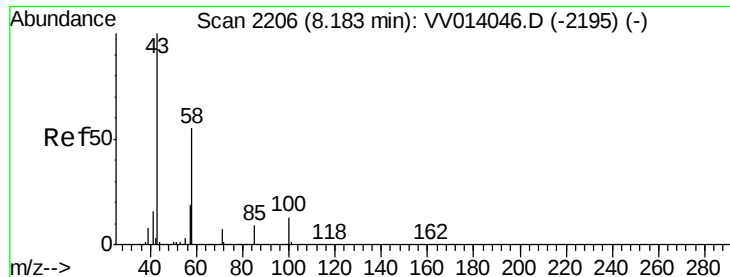
Tgt Ion: 83 Resp: 33723
Ion Ratio Lower Upper
83 100
55 0.9 60.3 90.5#
98 0.5 38.1 57.1#



#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014047.D
Acq: 13 Dec 2019 11:57

Tgt Ion: 75 Resp: 3130
Ion Ratio Lower Upper
75 100
77 51.5 22.5 41.9#

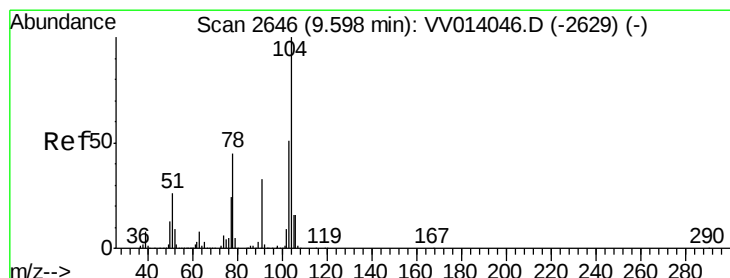
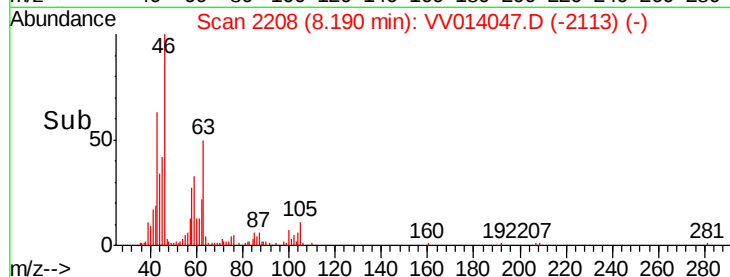
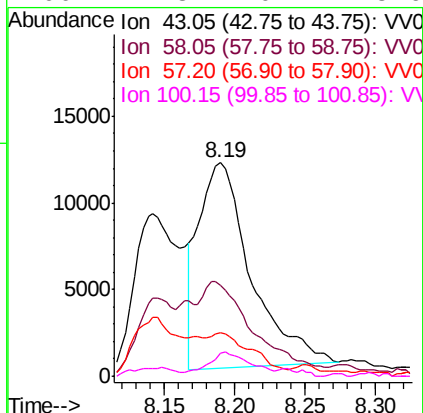
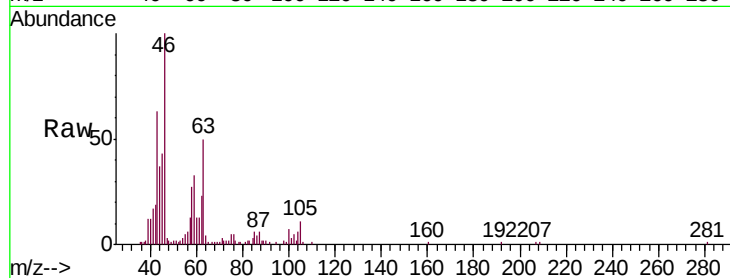




#48
2-Hexanone
Concen: 3.056 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV014047.D
Acq: 13 Dec 2019 11:57

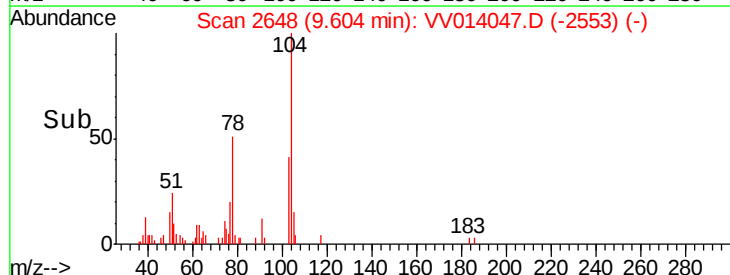
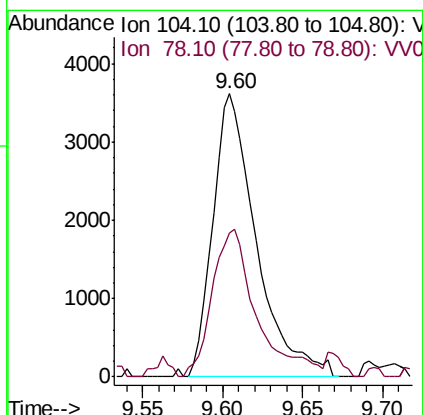
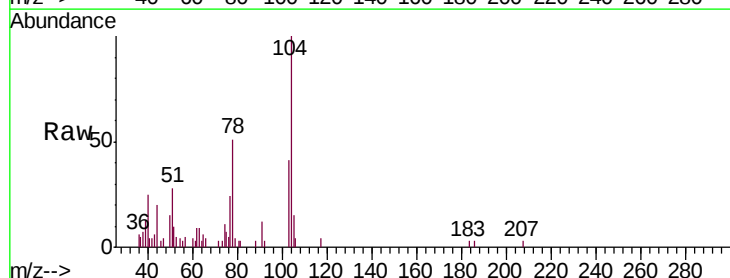
Instrument :
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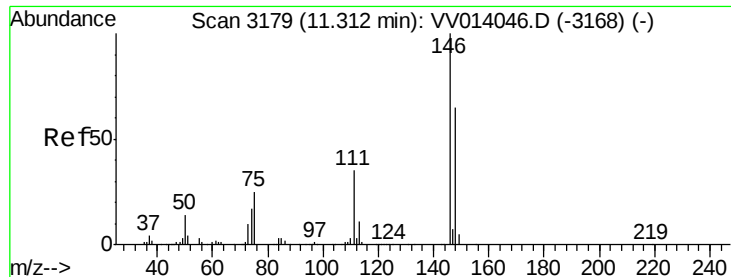
Tgt Ion: 43 Resp: 30357
Ion Ratio Lower Upper
43 100
58 44.2 43.2 64.8
57 0.0 15.4 23.2#
100 7.8 10.4 15.6#



#55
Styrene
Concen: 0.097 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.01 min
Lab File: VV014047.D
Acq: 13 Dec 2019 11:57

Tgt Ion: 104 Resp: 6741
Ion Ratio Lower Upper
104 100
78 51.0 31.0 57.6

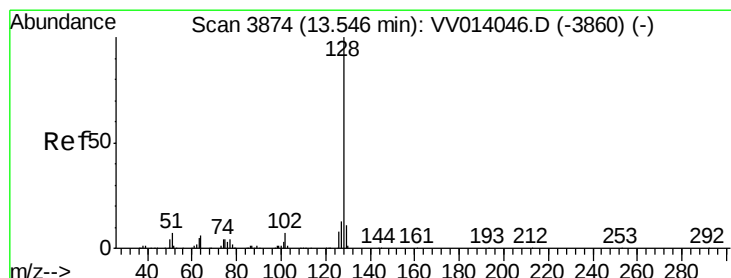
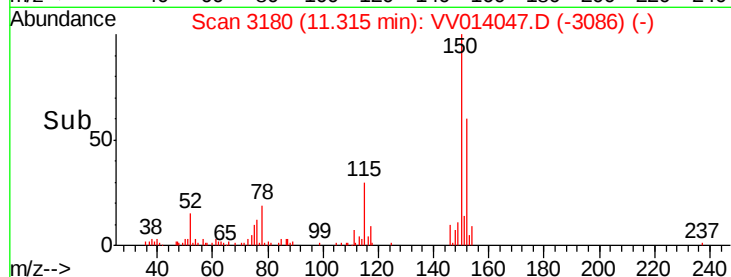
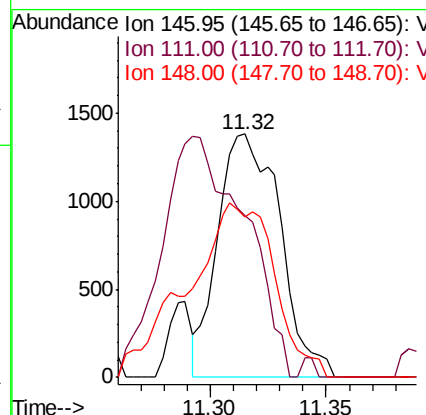
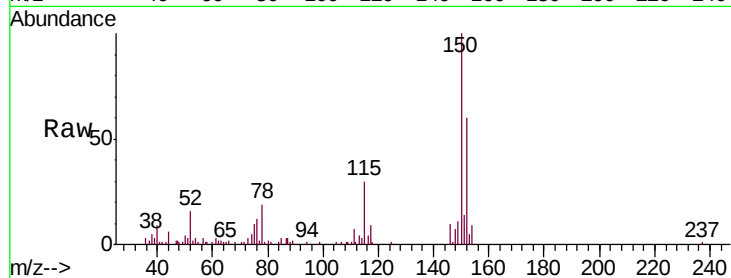




#63
 1,4-Dichlorobenzene
 Concen: 0.053 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV014047.D
 Acq: 13 Dec 2019 11:57

Instrument :
 MSVOA_V
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 VBLK91

Tgt Ion:146 Resp: 2583
 Ion Ratio Lower Upper
 146 100
 111 66.6 25.0 46.4#
 148 66.1 45.4 84.2



#69
 Naphthalene
 Concen: 0.129 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.01 min
 Lab File: VV014047.D
 Acq: 13 Dec 2019 11:57

Tgt Ion:128 Resp: 5842
 Ion Ratio Lower Upper
 128 100
 129 14.6 8.6 12.8#
 127 15.8 10.6 16.0

