

Data File : VV012882.D
Acq On : 18 Sep 2019 00:11
Operator : SY/MD
Sample : K4834-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 18 01:14:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	383739	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	379594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	207228	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.58	69	167295	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.13	63	257486	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	3.98	46	447823	56.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.62%
24) Chloroform-d	4.40	84	332201	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.08	65	173797	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.09	84	691723	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.12	67	211250	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.36	98	555396	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	68227	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.14	63	316209	54.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155929	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	191907	6.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.40%#

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2661	0.118	ug/L #	27
14) Carbon disulfide	2.31	76	1697	0.040	ug/L #	48
16) Methylene chloride	2.53	84	3825	0.151	ug/L	96
25) Chloroform	4.42	83	12276	0.231	ug/L	94
35) Methylcyclohexane	6.12	83	50604	1.486	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22445	0.836	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	3068	0.108	ug/L	99
48) 2-Hexanone	8.14	43	50088	4.011	ug/L #	81
69) Naphthalene	13.55	128	3295	0.080	ug/L	99

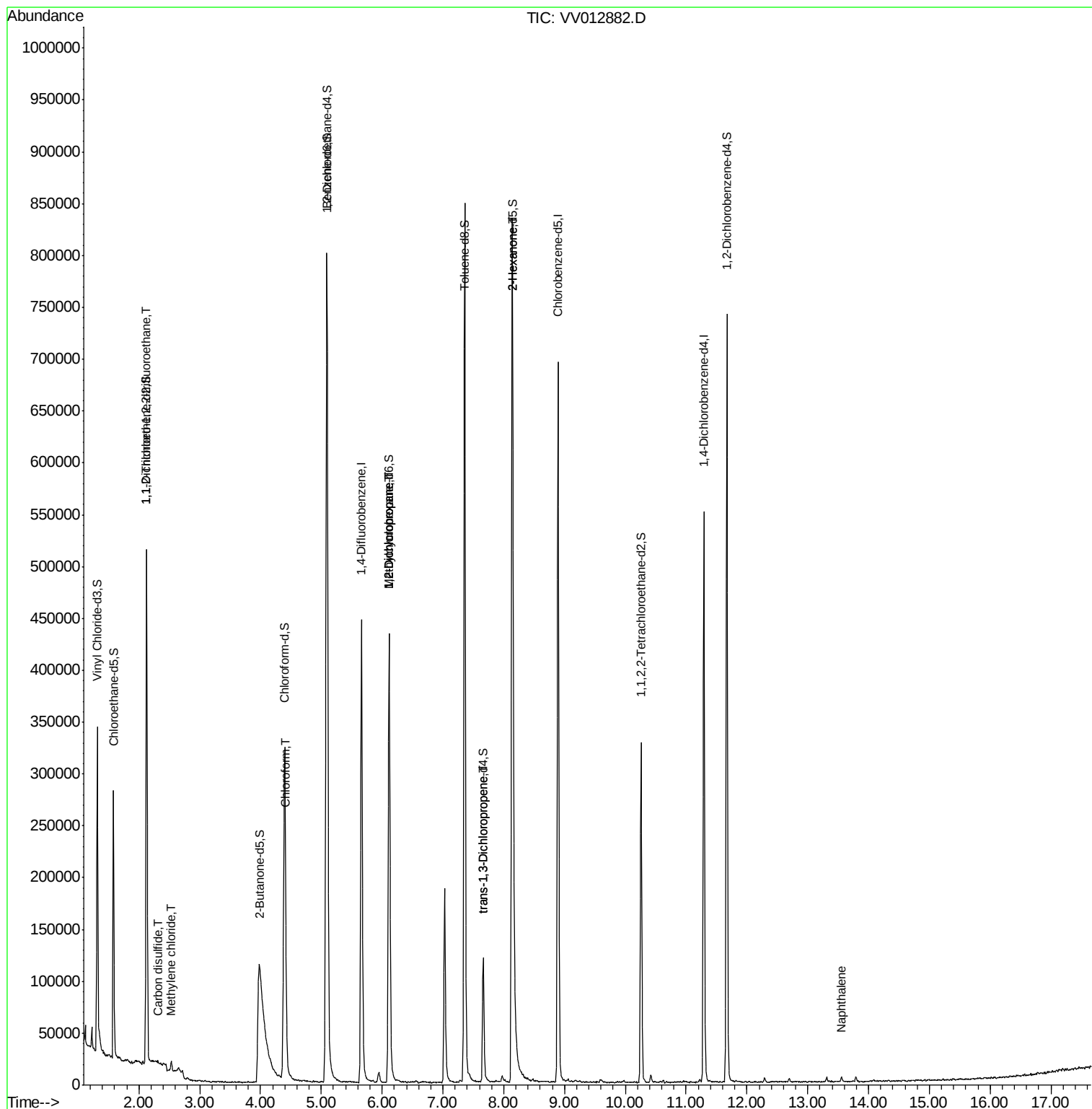
(#) = qualifier out of range (m) = manual integration (+) = signals summed

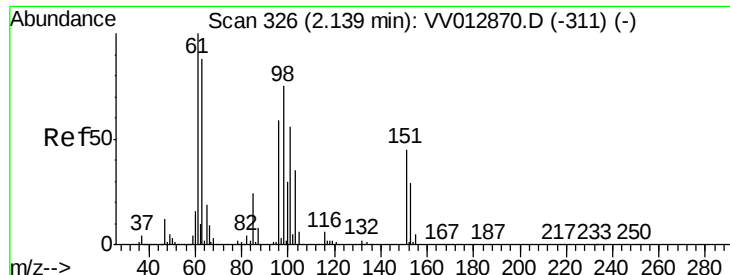
Data File : VV012882.D

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QLast Update : Wed Sep 18 01:09:35 2019
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#10

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

Concen: 0.118 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

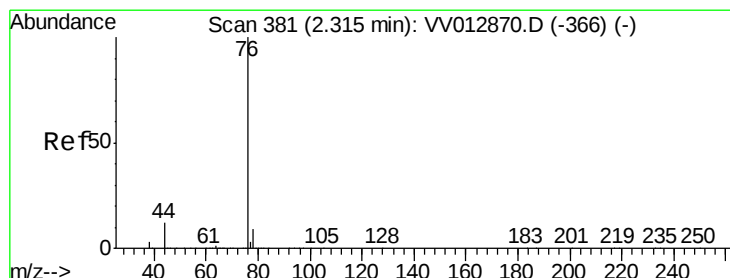
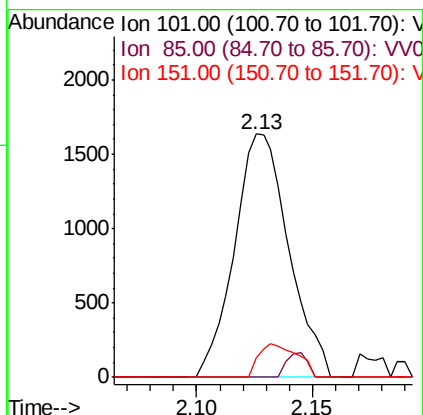
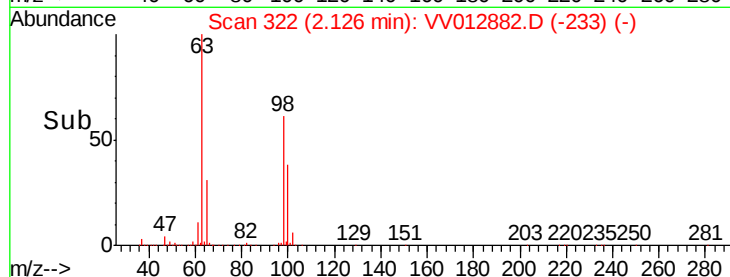
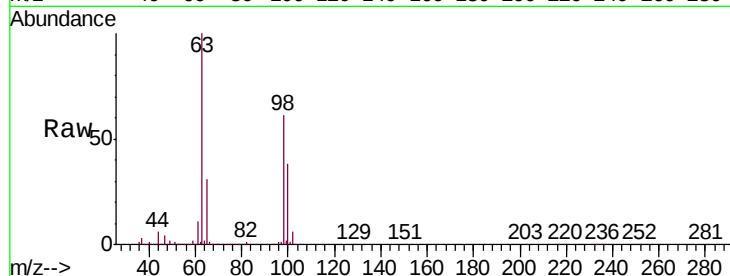
Tgt Ion: 101 Resp: 2661

Ion Ratio Lower Upper

101 100

85 3.9 33.5 50.3#

151 9.9 64.0 96.0#



#14

Carbon disulfide

Concen: 0.040 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV012882.D

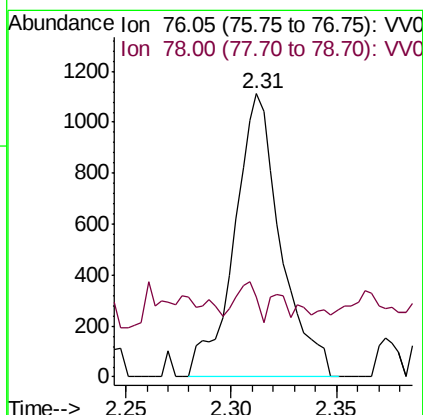
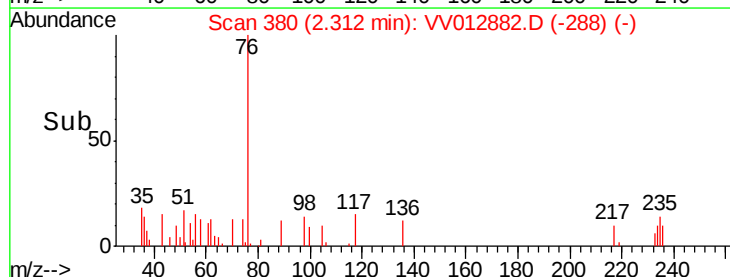
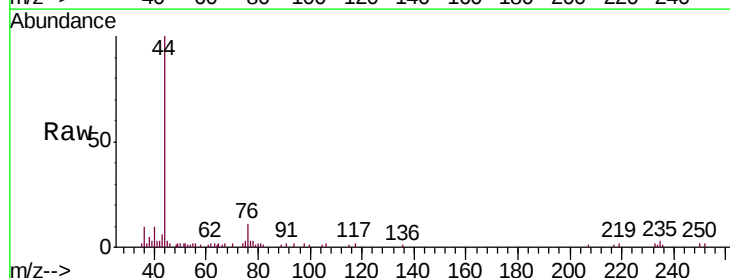
Acq: 18 Sep 2019 00:11

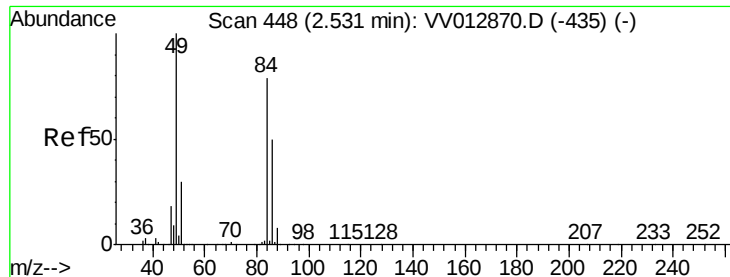
Tgt Ion: 76 Resp: 1697

Ion Ratio Lower Upper

76 100

78 28.4 7.6 11.4#

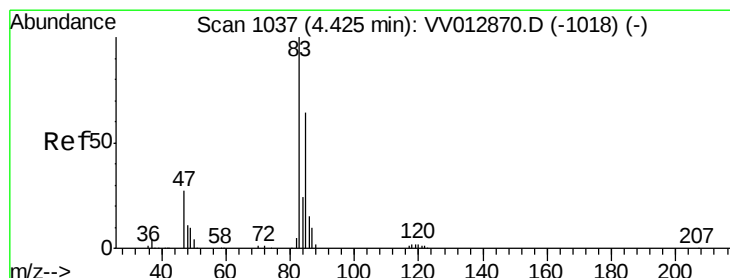
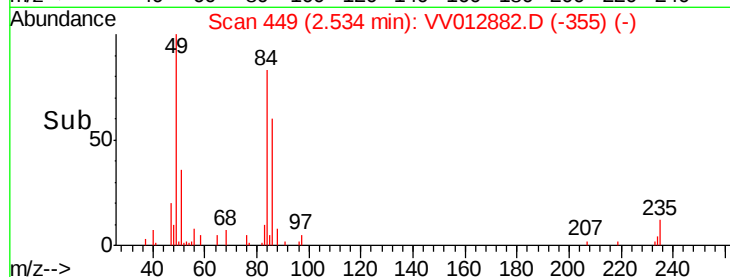
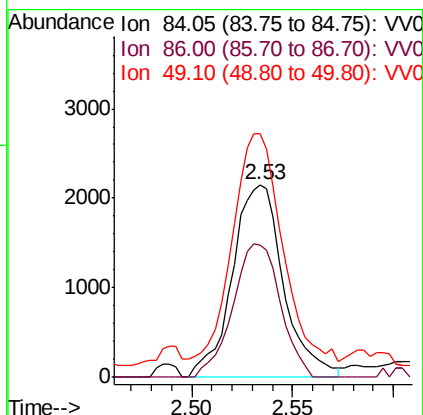
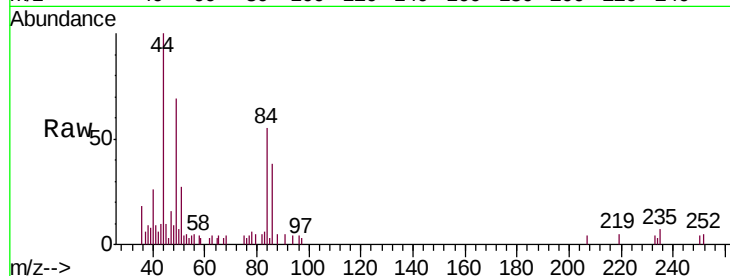




#16
Methylene chloride
Concen: 0.151 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012882.D
Acq: 18 Sep 2019 00:11

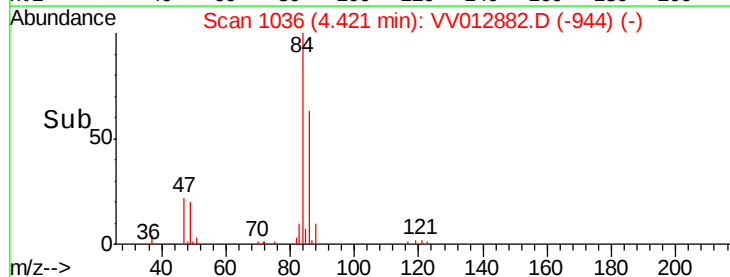
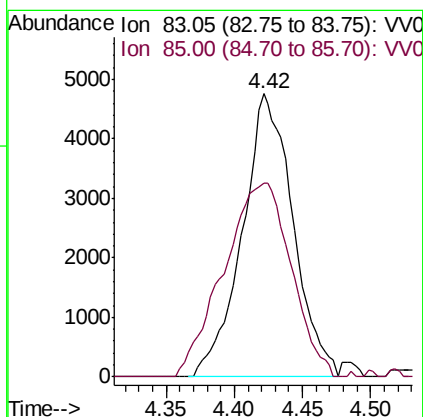
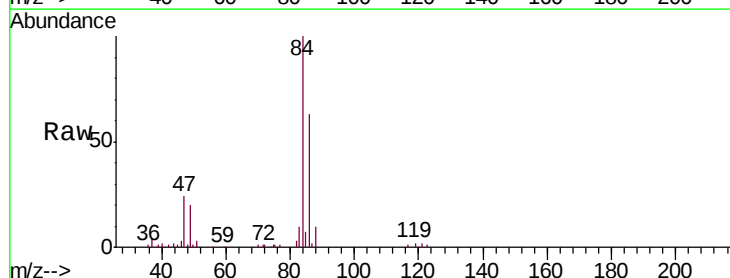
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

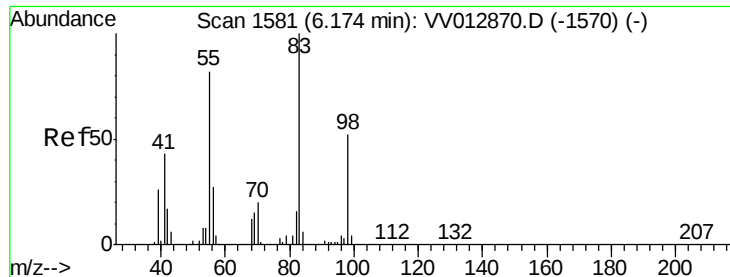
Tgt Ion: 84 Resp: 3825
Ion Ratio Lower Upper
84 100
86 68.8 44.8 83.2
49 126.3 85.9 159.5



#25
Chloroform
Concen: 0.231 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012882.D
Acq: 18 Sep 2019 00:11

Tgt Ion: 83 Resp: 12276
Ion Ratio Lower Upper
83 100
85 68.6 44.4 82.5

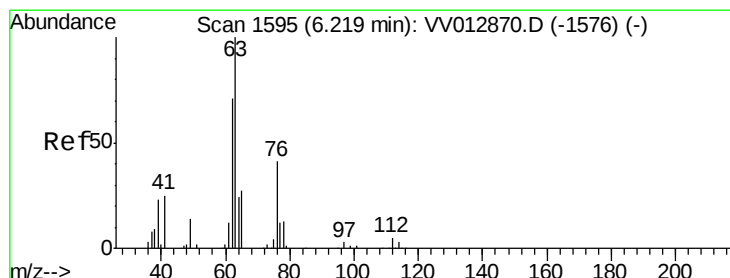
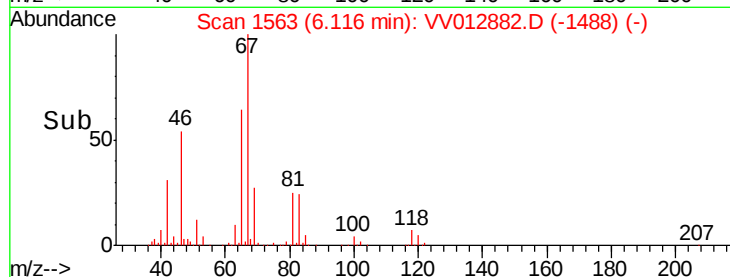
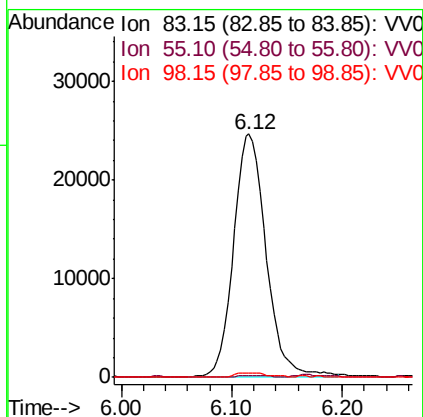
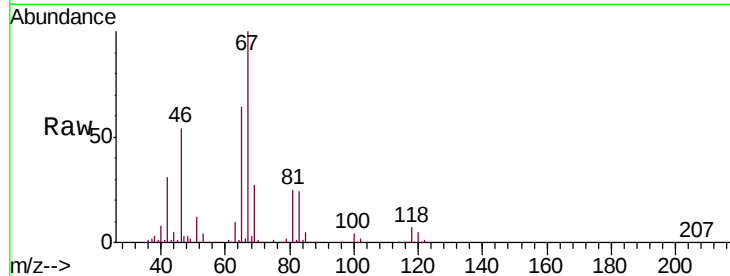




#35
Methylcyclohexane
Concen: 1.486 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012882.D
Acq: 18 Sep 2019 00:11

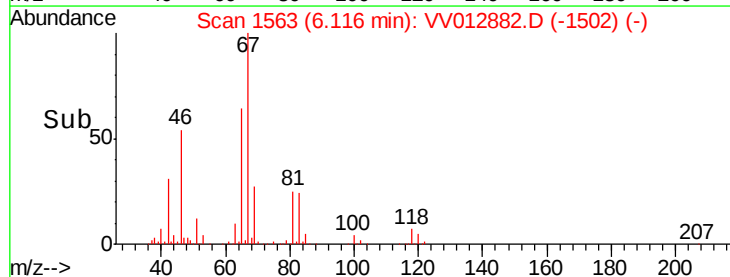
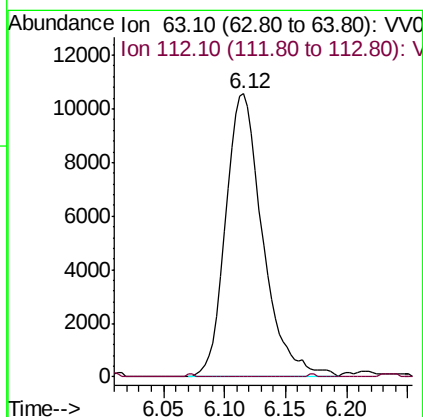
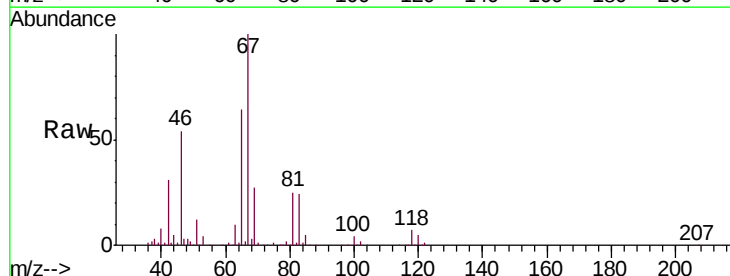
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

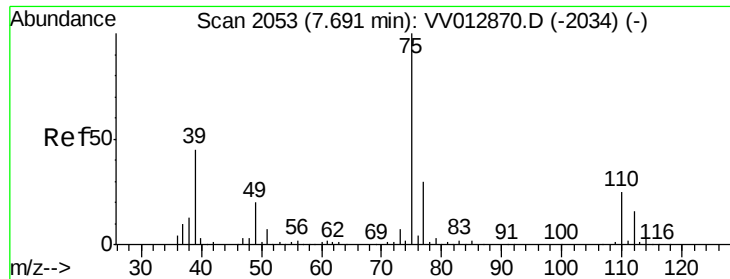
Tgt Ion: 83 Resp: 50604
Ion Ratio Lower Upper
83 100
55 0.7 63.8 95.6#
98 1.5 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.836 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012882.D
Acq: 18 Sep 2019 00:11

Tgt Ion: 63 Resp: 22445
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#

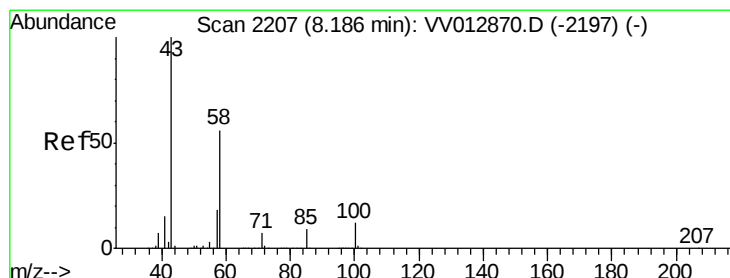
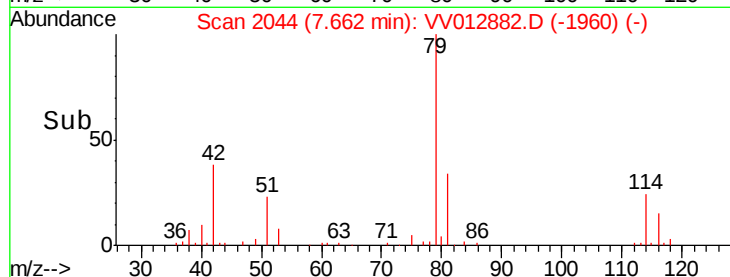
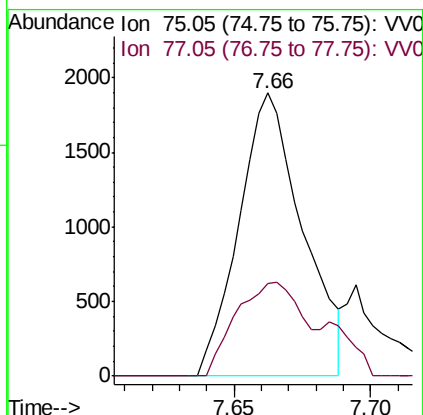
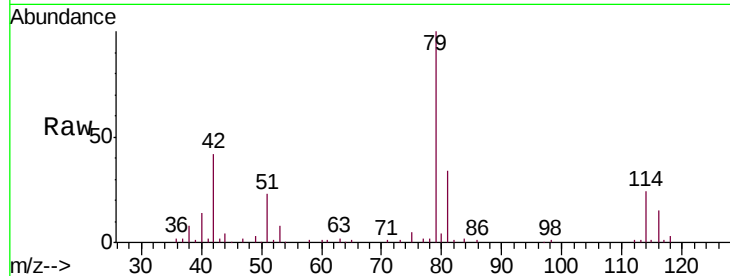




#44
trans-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012882.D
Acq: 18 Sep 2019 00:11

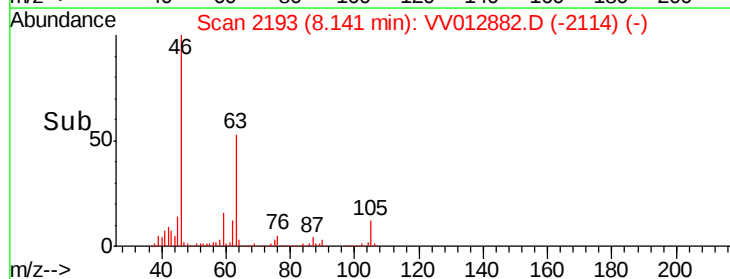
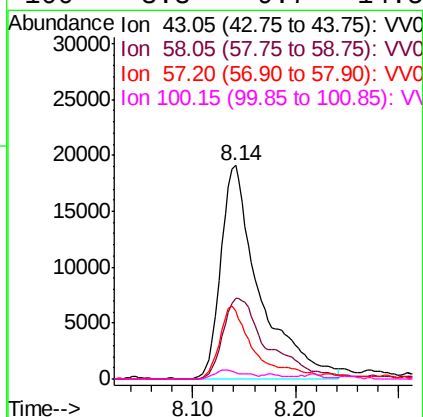
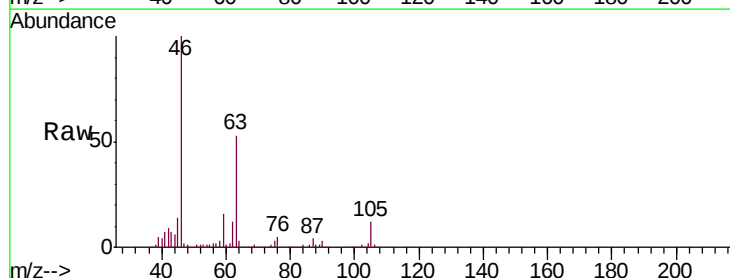
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MSVOA_V
ClientSampleId :
VHBLK01

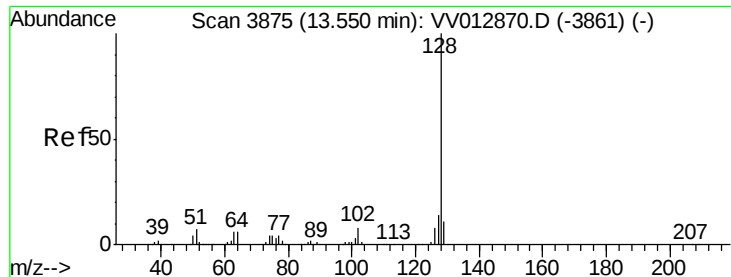
Tgt Ion: 75 Resp: 3068
Ion Ratio Lower Upper
75 100
77 32.7 22.5 41.7



#48
2-Hexanone
Concen: 4.011 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV012882.D
Acq: 18 Sep 2019 00:11

Tgt Ion: 43 Resp: 50088
Ion Ratio Lower Upper
43 100
58 44.3 44.5 66.7#
57 30.6 15.0 22.6#
100 3.3 9.7 14.5#





#69

Naphthalene

Concen: 0.080 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV012882.D

Acq: 18 Sep 2019 00:11

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

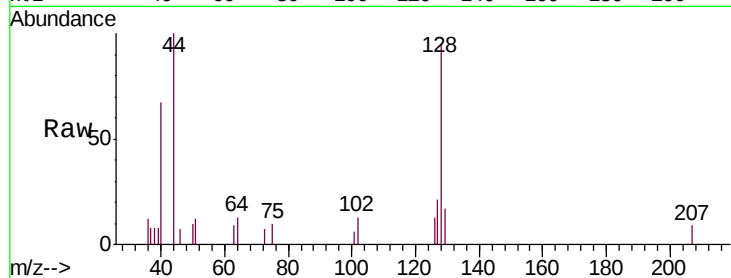
Tgt Ion:128 Resp: 3295

Ion Ratio Lower Upper

128 100

129 11.7 8.9 13.3

127 13.4 10.5 15.7



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

