

Data File : VR026435.D
Acq On : 3 Apr 2019 18:14
Operator : SY/MD
Sample : IBLK
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK89

Quant Time: Apr 04 06:04:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 04 06:00:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	788082	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	627884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	203771	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	277643	4.64	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	2.62	69	225580	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	3.60	63	517184	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.58	46	264288	49.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	7.20	84	486168	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	7.89	65	206841	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	7.85	84	951917	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	8.89	67	238785	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	9.97	98	848273	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	10.23	79	59214	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	10.59	63	195389	52.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	82870	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	156722	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

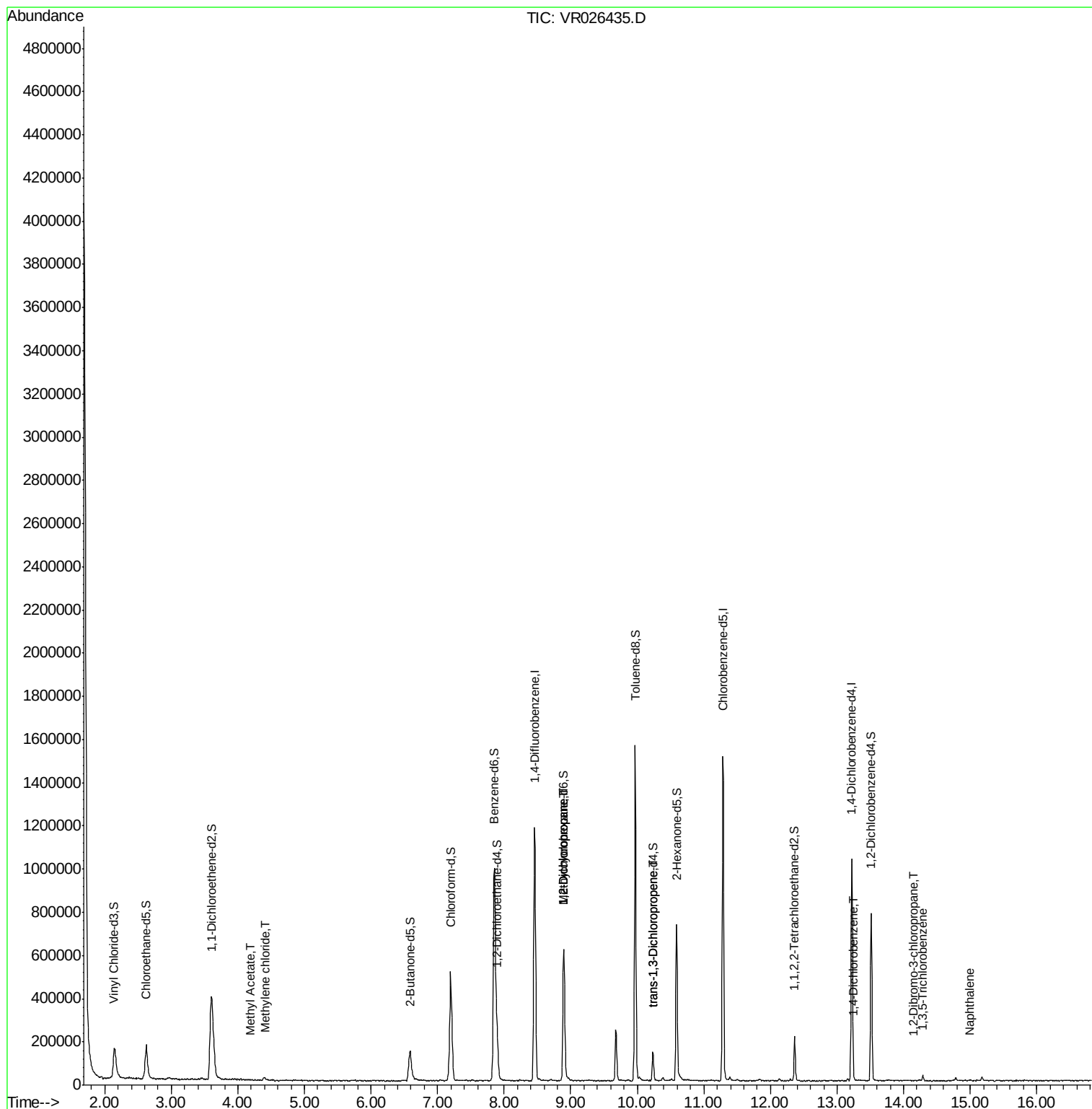
						Qvalue
15) Methyl Acetate	4.19	43	1268	0.087	ug/L	93
16) Methylene chloride	4.41	84	7388	0.119	ug/L	92
35) Methylcyclohexane	8.90	83	60182	0.642	ug/L #	14
37) 1,2-Dichloropropane	8.89	63	33556	0.624	ug/L #	92
44) trans-1,3-Dichloropropene	10.23	75	4353	0.102	ug/L	98
63) 1,4-Dichlorobenzene	13.25	146	4499	0.061	ug/L	85
66) 1,2-Dibromo-3-chloropropan	14.14	75	781	0.375	ug/L #	61
67) 1,3,5-Trichlorobenzene	14.29	180	6846	0.160	ug/L #	82
69) Naphthalene	15.00	128	2709	0.121	ug/L #	92

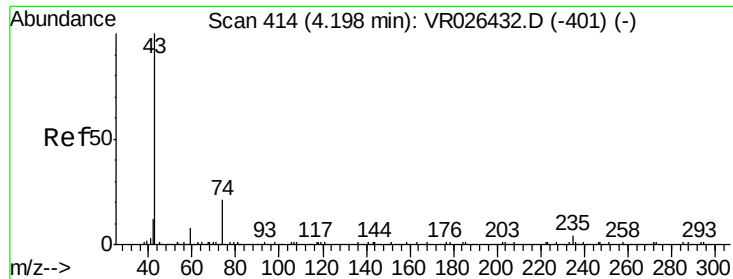
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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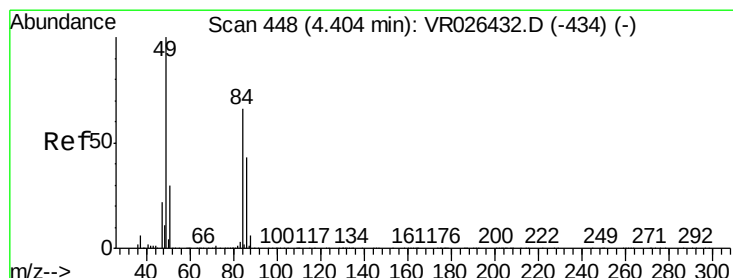
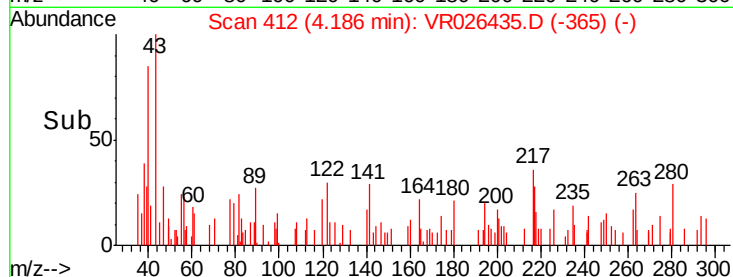
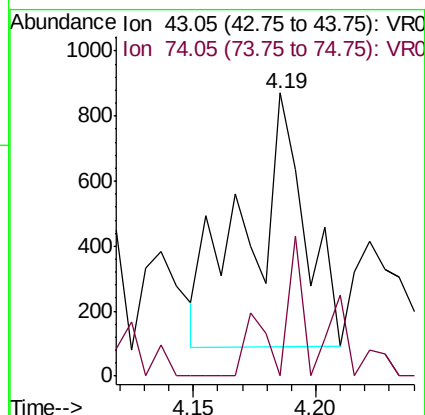
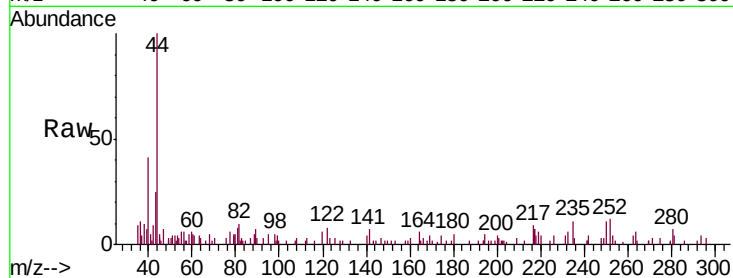




#15
Methyl Acetate
Concen: 0.087 ug/L
RT: 4.19 min Scan# 412
Delta R.T. -0.01 min
Lab File: VR026435.D
Acq: 3 Apr 2019 18:14

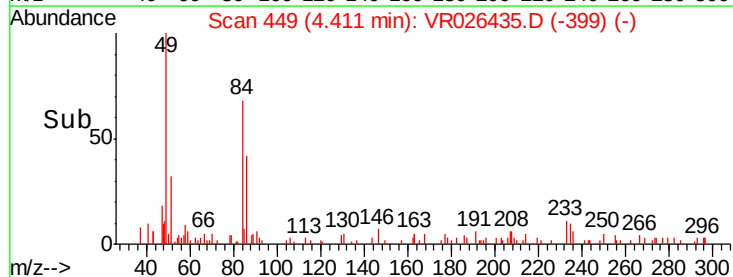
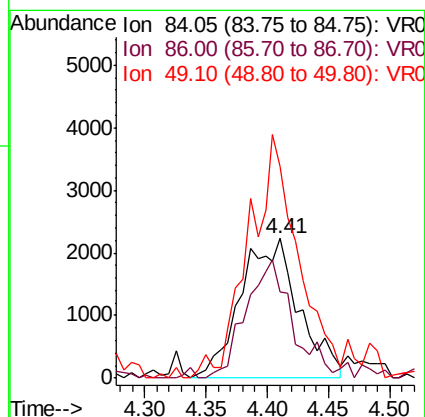
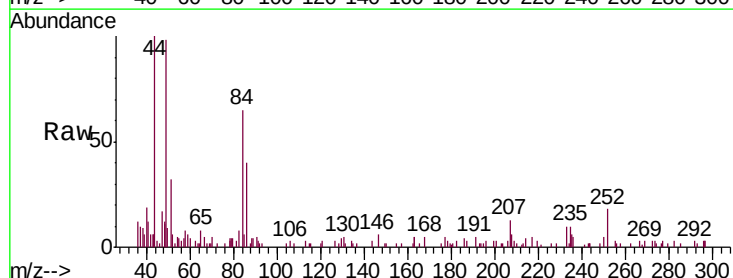
Instrument :
MSVOA_R
ClientSampled :
VBLK89

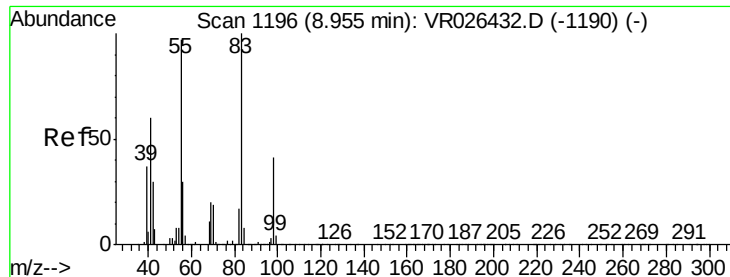
Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
74 25.2 17.5 26.3



#16
Methylene chloride
Concen: 0.119 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.01 min
Lab File: VR026435.D
Acq: 3 Apr 2019 18:14

Tgt Ion: 84 Resp: 7388
Ion Ratio Lower Upper
84 100
86 61.9 45.6 84.6
49 165.3 106.5 197.9

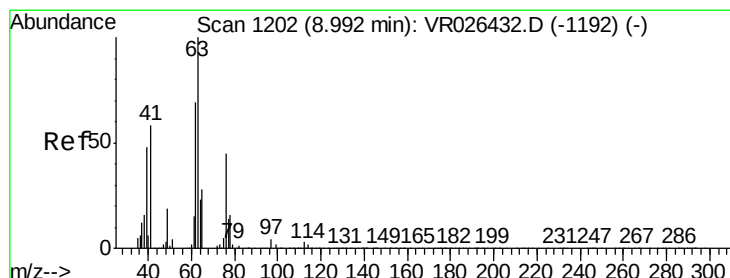
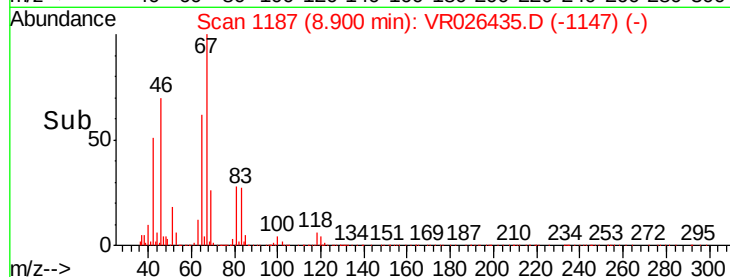
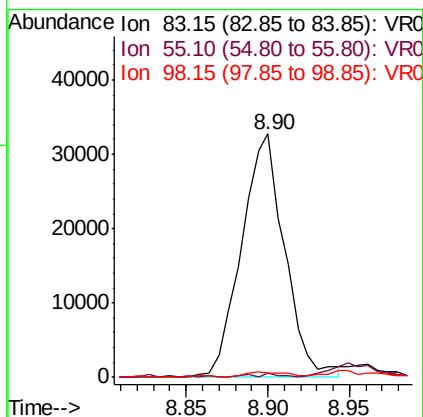
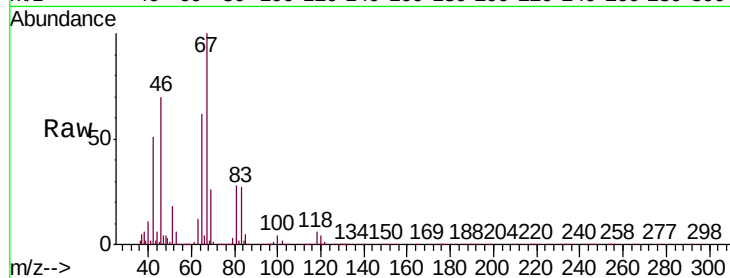




#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026435.D
Acq: 3 Apr 2019 18:14

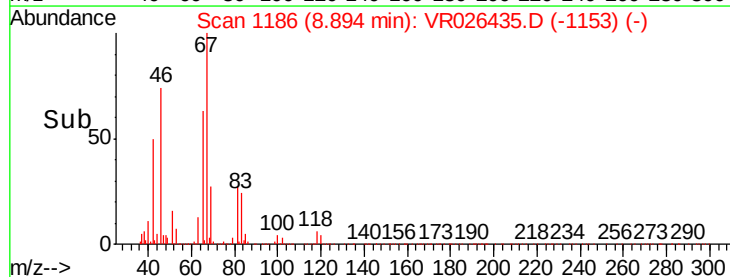
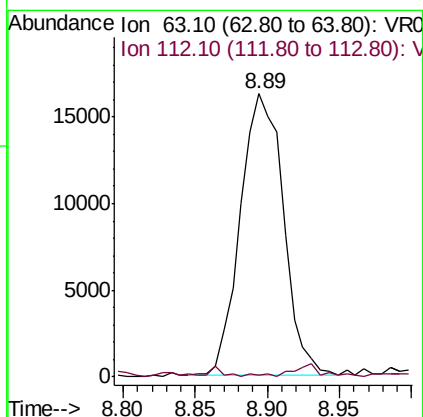
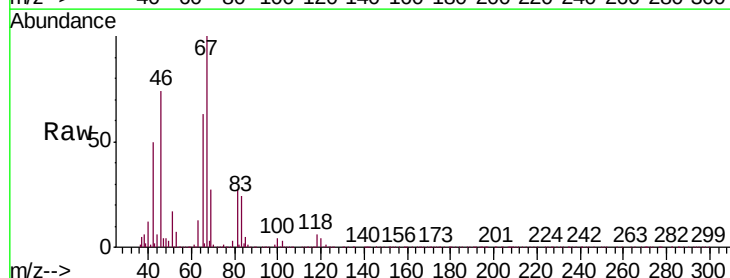
Instrument :
MSVOA_R
ClientSampleId :
VBLK89

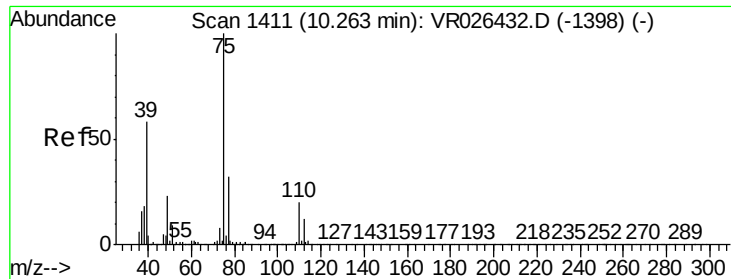
Tgt Ion: 83 Resp: 60182
Ion Ratio Lower Upper
83 100
55 0.6 73.8 110.6#
98 2.0 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026435.D
Acq: 3 Apr 2019 18:14

Tgt Ion: 63 Resp: 33556
Ion Ratio Lower Upper
63 100
112 0.8 2.8 4.2#





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026435.D

Acq: 3 Apr 2019 18:14

Instrument :

MSVOA_R

ClientSampleId :

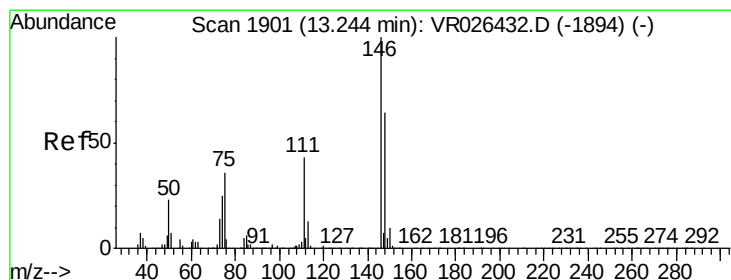
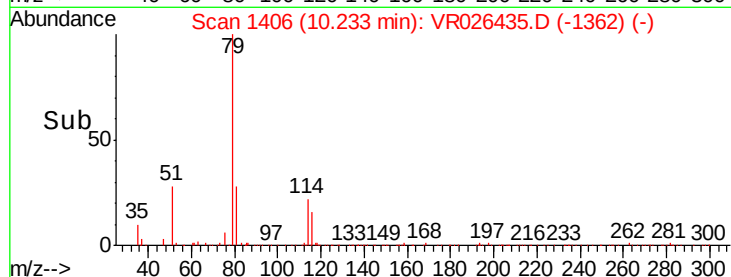
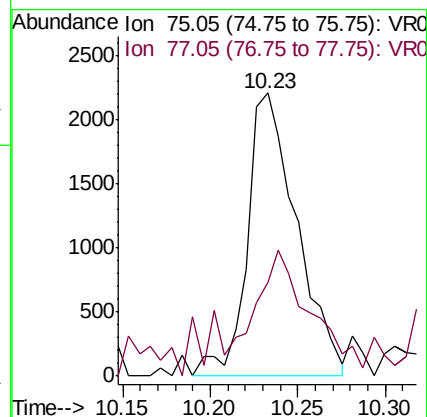
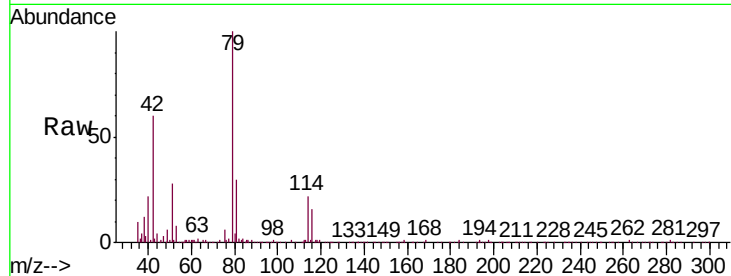
VBLK89

Tgt Ion: 75 Resp: 4353

Ion Ratio Lower Upper

75 100

77 33.2 22.7 42.1



#63

1,4-Dichlorobenzene

Concen: 0.061 ug/L

RT: 13.25 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VR026435.D

Acq: 3 Apr 2019 18:14

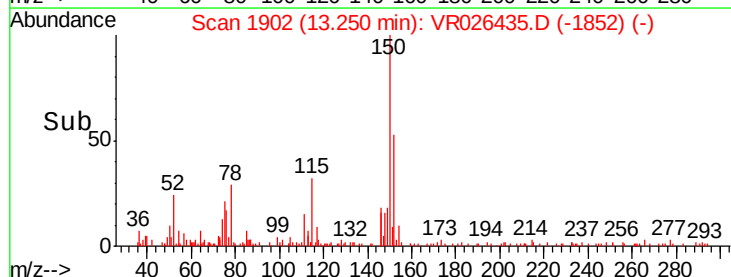
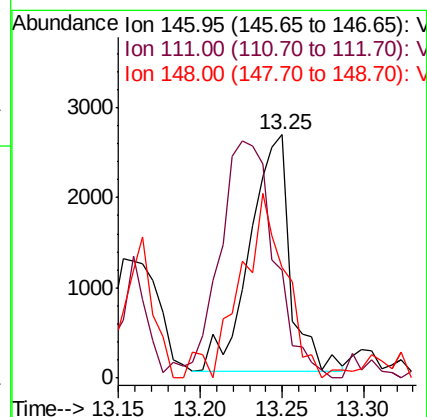
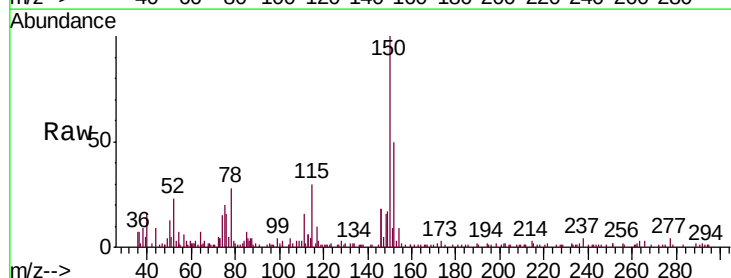
Tgt Ion: 146 Resp: 4499

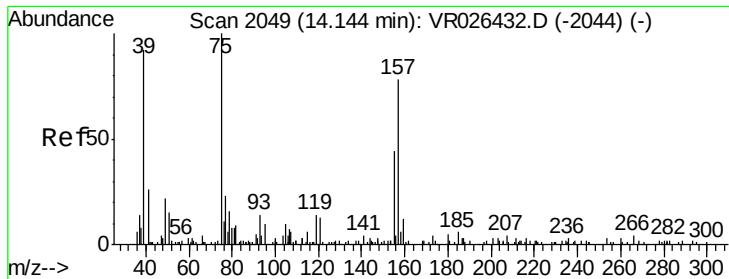
Ion Ratio Lower Upper

146 100

111 44.1 30.5 56.7

148 45.3 45.0 83.6

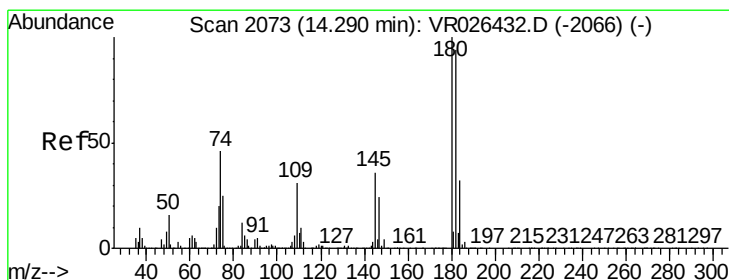
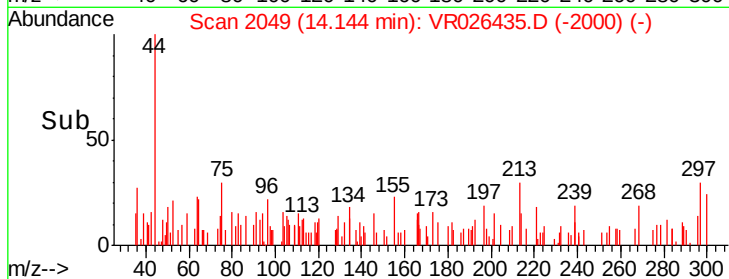
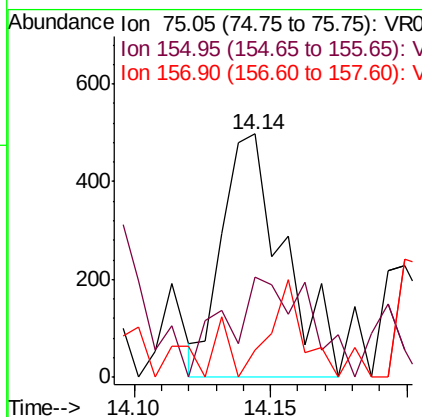
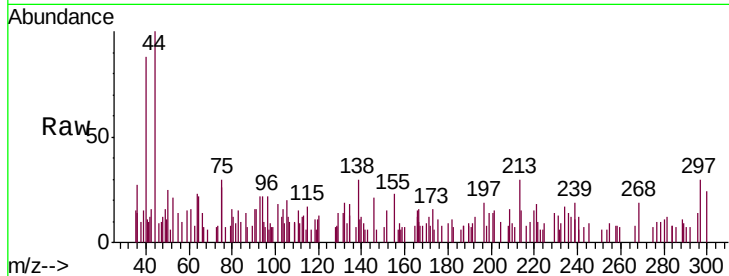




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.375 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VR026435.D
 Acq: 3 Apr 2019 18:14

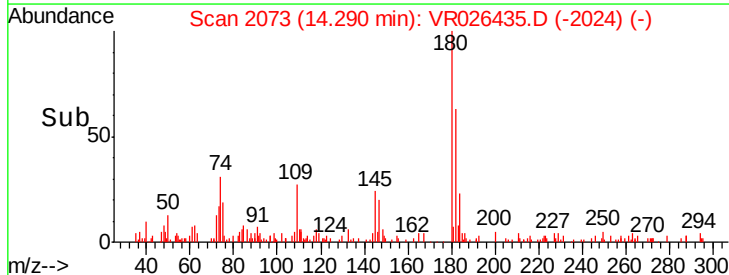
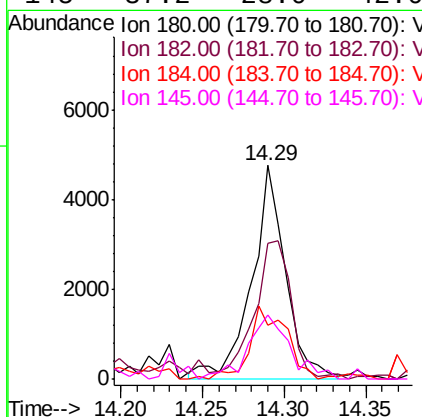
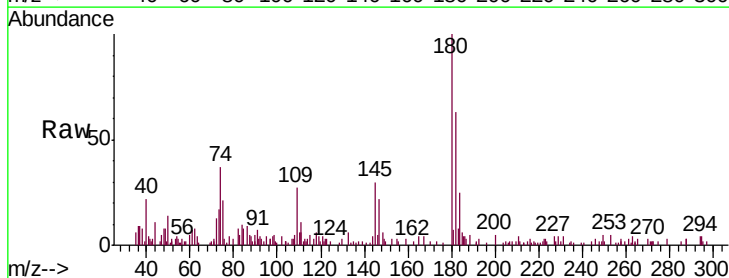
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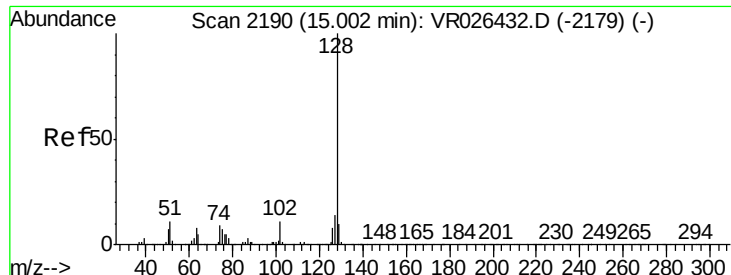
Tgt Ion: 75 Resp: 781
 Ion Ratio Lower Upper
 75 100
 155 41.4 36.1 54.1
 157 27.5 62.4 93.6#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.160 ug/L
 RT: 14.29 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VR026435.D
 Acq: 3 Apr 2019 18:14

Tgt Ion: 180 Resp: 6846
 Ion Ratio Lower Upper
 180 100
 182 70.7 75.8 113.6#
 184 37.4 25.0 37.4
 145 37.2 28.0 42.0





#69

Naphthalene

Concen: 0.121 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VR026435.D

Acq: 3 Apr 2019 18:14

Instrument :

MSVOA_R

ClientSampleId :

VBLK89

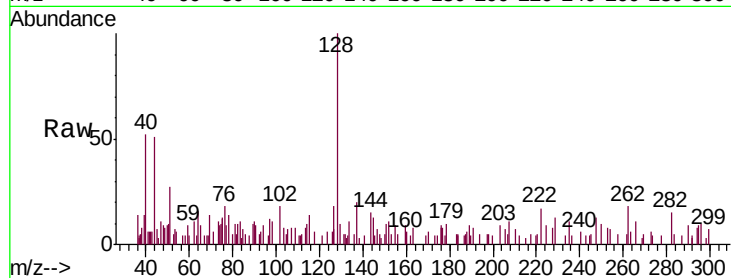
Tgt Ion:128 Resp: 2709

Ion Ratio Lower Upper

128 100

127 12.1 11.4 17.0

129 6.6 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

