

Data File : VR026273.D
Acq On : 17 Dec 2018 20:52
Operator : SY/MD
Sample : J6418-14
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BF037

Quant Time: Dec 18 00:33:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 18 00:30:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511487	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	419865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	125741	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	181966	5.59	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	2.62	69	179118	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	3.61	63	357209	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	6.59	46	145874	50.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	7.20	84	335836	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	7.90	65	130720	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	7.85	84	640257	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	8.90	67	169352	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	9.97	98	573428	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	10.24	79	36389	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	10.59	63	94268	50.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.44%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	60565	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	109735	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

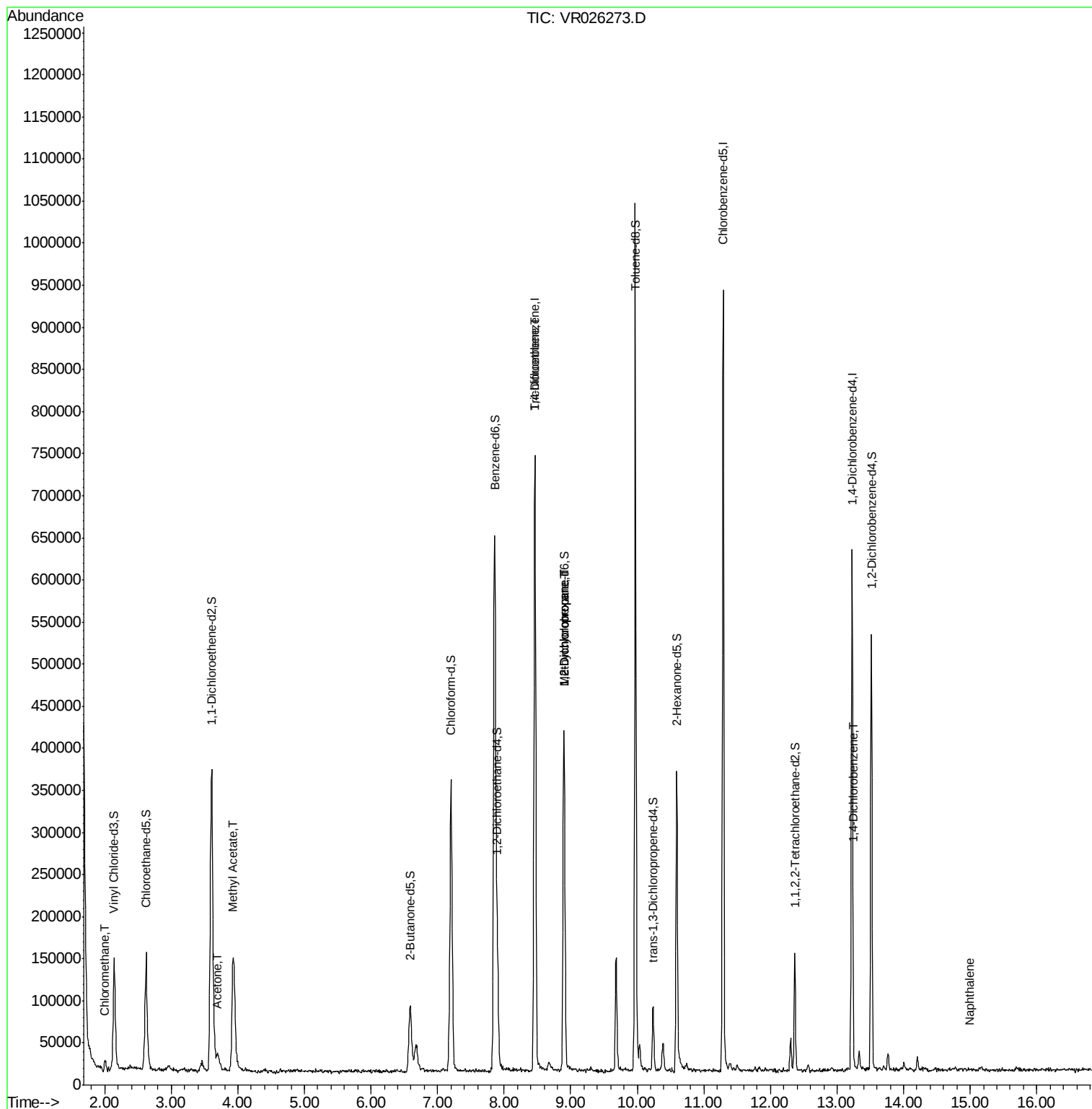
					Qvalue	
3) Chloromethane	2.00	50	12013	0.237	ug/L #	82
13) Acetone	3.69	43	30638	10.405	ug/L	95
15) Methyl Acetate	3.93	43	56921	7.244	ug/L #	53
34) Trichloroethene	8.46	95	16649	0.382	ug/L #	11
35) Methylcyclohexane	8.90	83	41751	0.661	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	21212	0.627	ug/L #	94
63) 1,4-Dichlorobenzene	13.24	146	2048	0.047	ug/L #	70
69) Naphthalene	15.00	128	1354	0.106	ug/L #	91

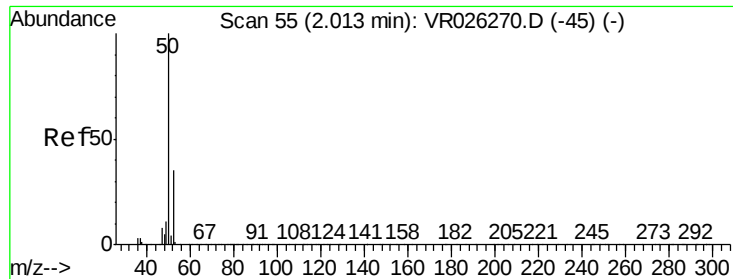
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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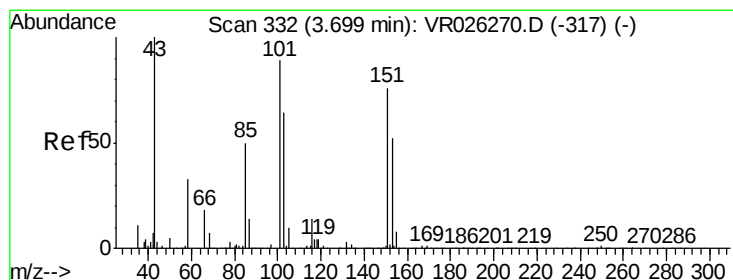
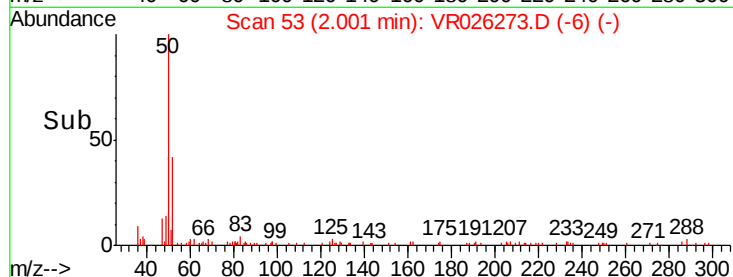
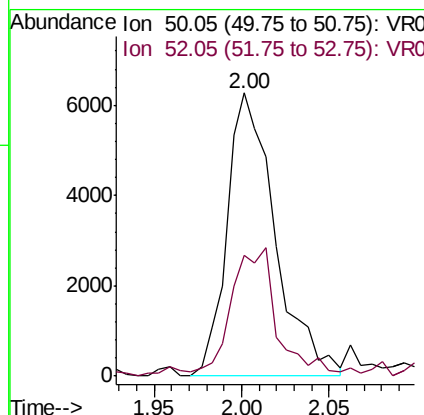
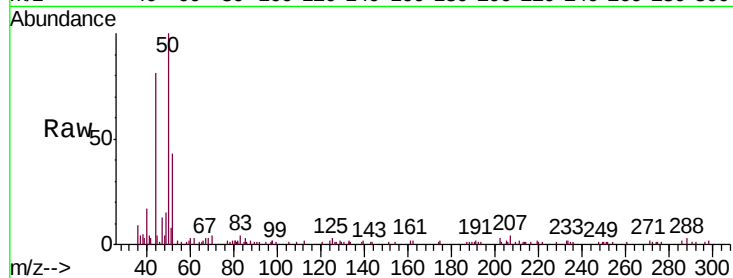




#3
Chloromethane
Concen: 0.237 ug/L
RT: 2.00 min Scan# 53
Delta R.T. -0.01 min
Lab File: VR026273.D
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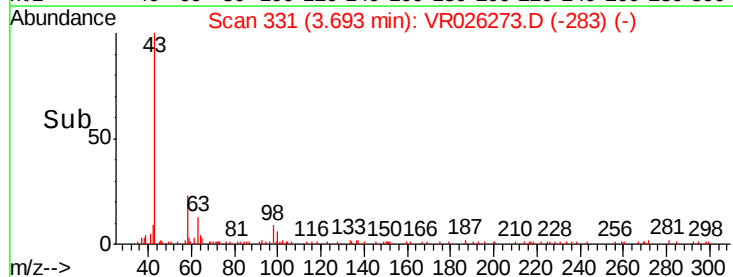
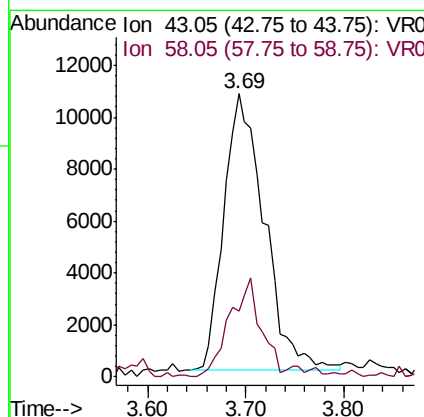
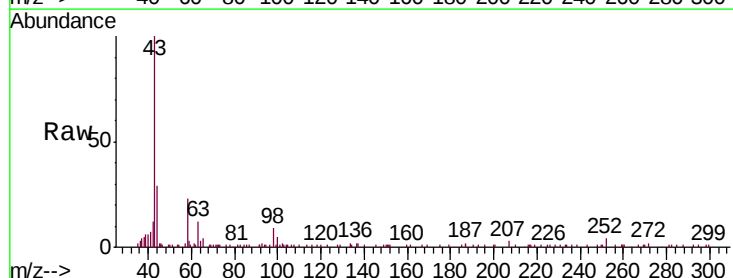
Instrument :
MSVOA_R
ClientSampleId :
BF037

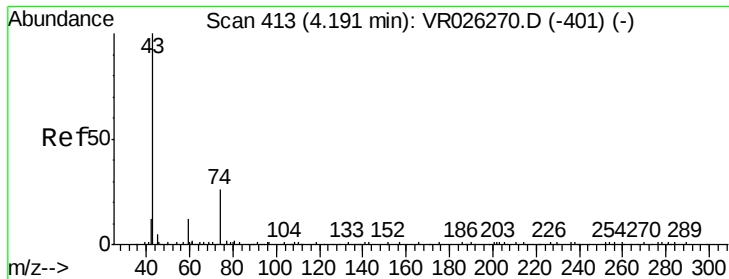
Tgt Ion: 50 Resp: 12013
Ion Ratio Lower Upper
50 100
52 42.9 22.8 42.4#



#13
Acetone
Concen: 10.405 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.01 min
Lab File: VR026273.D
Acq: 17 Dec 2018 20:52

Tgt Ion: 43 Resp: 30638
Ion Ratio Lower Upper
43 100
58 27.7 0.0 60.8

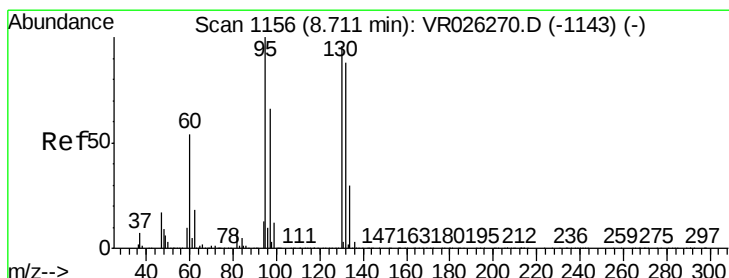
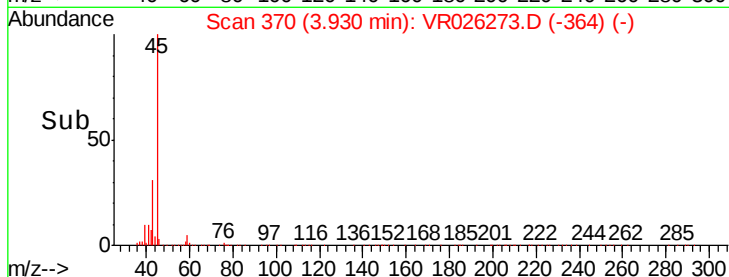
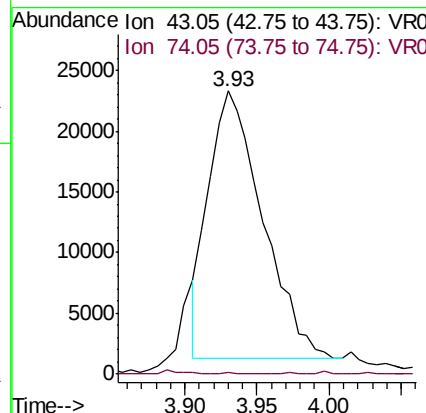
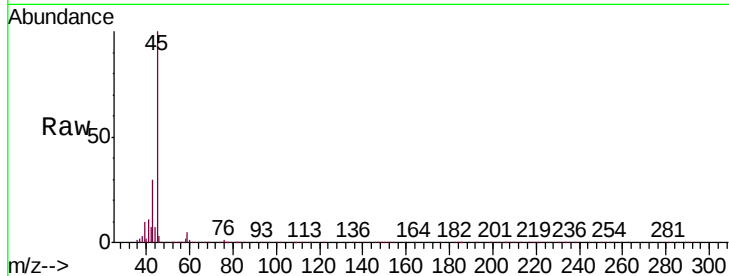




#15
Methyl Acetate
Concen: 7.244 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.26 min
Lab File: VR026273.D
Acq: 17 Dec 2018 20:52

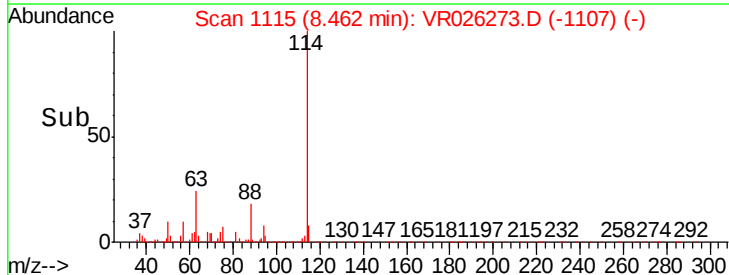
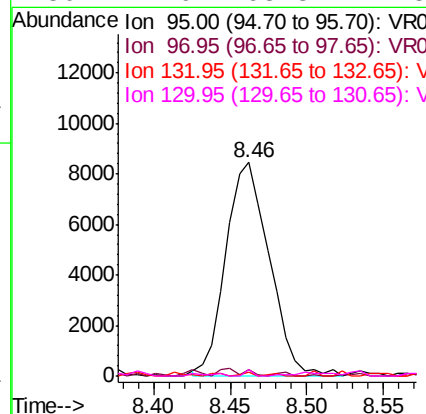
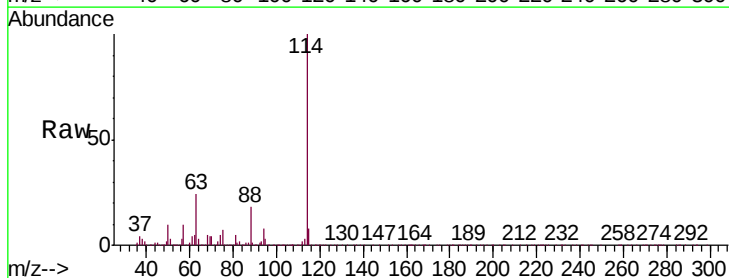
Instrument :
MSVOA_R
ClientSampleId :
BF037

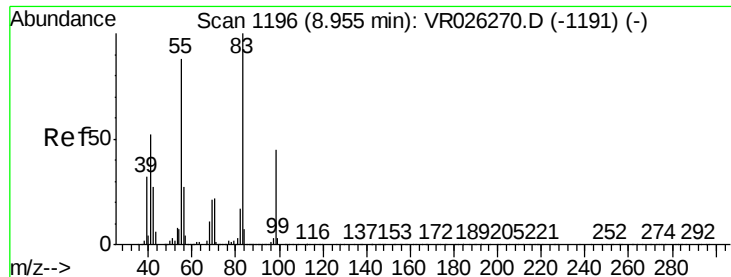
Tgt Ion: 43 Resp: 56921
Ion Ratio Lower Upper
43 100
74 0.1 18.4 27.6#



#34
Trichloroethene
Concen: 0.382 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026273.D
Acq: 17 Dec 2018 20:52

Tgt Ion: 95 Resp: 16649
Ion Ratio Lower Upper
95 100
97 2.8 44.8 83.2#
132 1.6 61.7 114.5#
130 2.9 63.3 117.5#

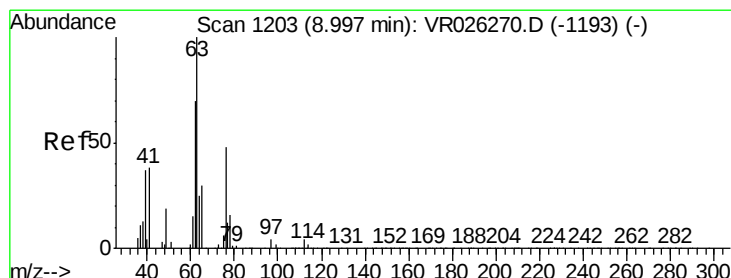
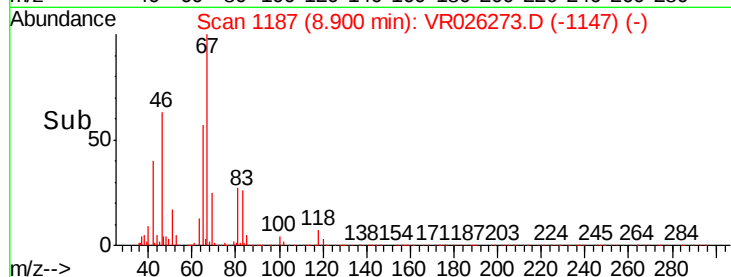
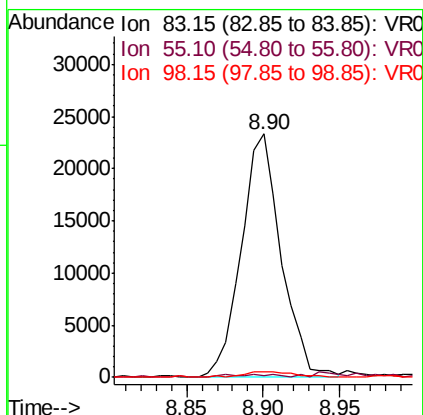
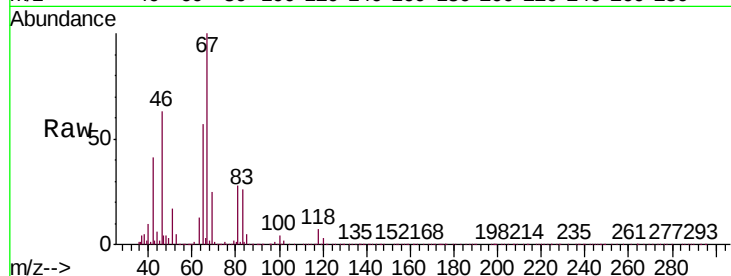




#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026273.D
Acq: 17 Dec 2018 20:52

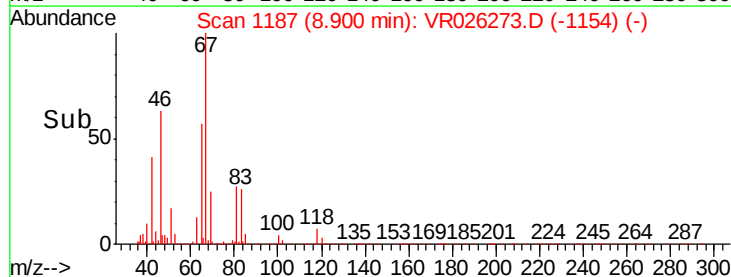
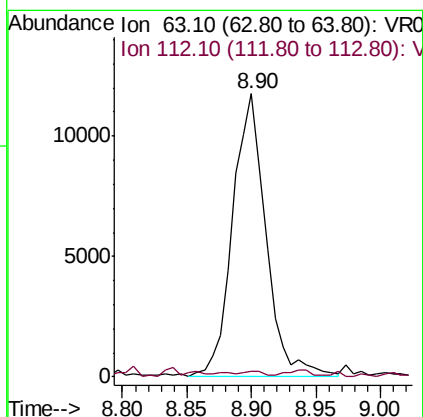
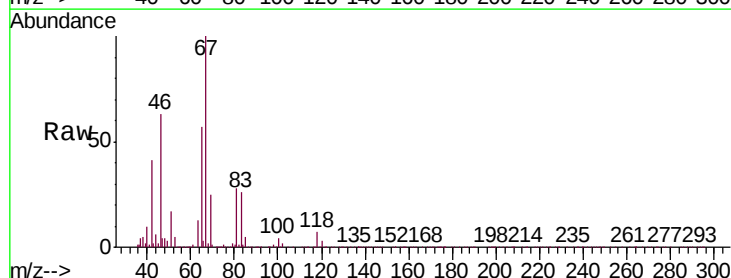
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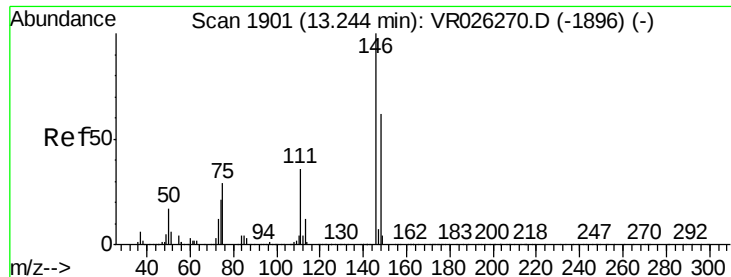
Tgt Ion: 83 Resp: 41751
Ion Ratio Lower Upper
83 100
55 0.8 66.6 99.8#
98 3.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026273.D
Acq: 17 Dec 2018 20:52

Tgt Ion: 63 Resp: 21212
Ion Ratio Lower Upper
63 100
112 1.7 3.0 4.6#

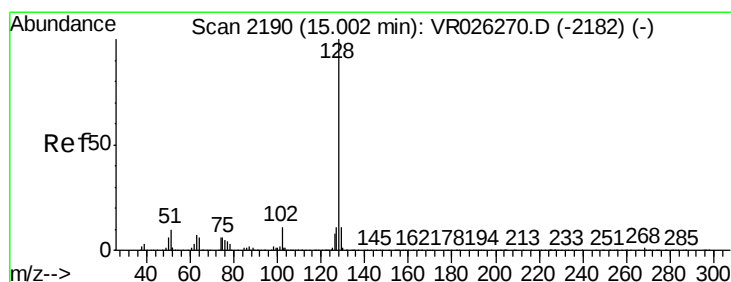
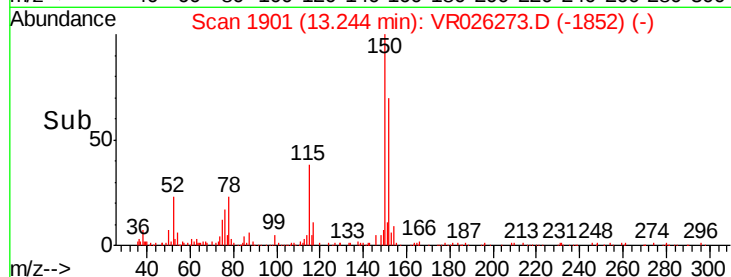
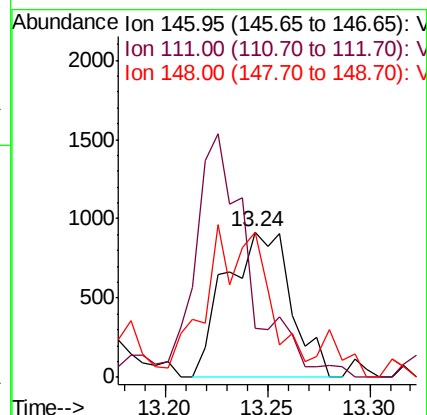
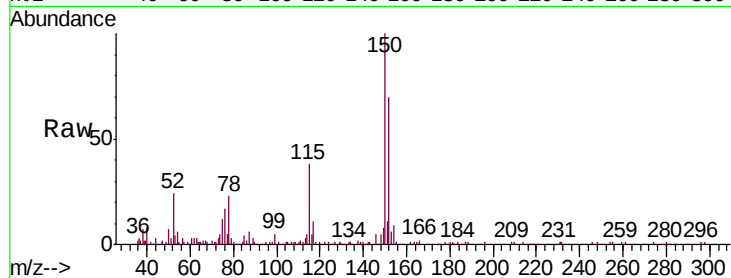




#63
 1,4-Dichlorobenzene
 Concen: 0.047 ug/L
 RT: 13.24 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VR026273.D
 Acq: 17 Dec 2018 20:52

Instrument :
 MSVOA_R
 ClientSampleId :
 BF037

Tgt Ion:146 Resp: 2048
 Ion Ratio Lower Upper
 146 100
 111 33.3 29.0 53.9
 148 99.1 46.7 86.7#



#69
 Naphthalene
 Concen: 0.106 ug/L
 RT: 15.00 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: VR026273.D
 Acq: 17 Dec 2018 20:52

Tgt Ion:128 Resp: 1354
 Ion Ratio Lower Upper
 128 100
 127 16.8 11.1 16.7#
 129 15.0 8.7 13.1#

