

Data File : VR026272.D
Acq On : 17 Dec 2018 20:19
Operator : SY/MD
Sample : J6418-13
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BF027

Quant Time: Dec 18 00:33:10 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	540346	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	442758	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	131173	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	179850	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	2.62	69	184820	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	3.60	63	371694	3.82	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	6.59	46	153436	50.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.50%
24) Chloroform-d	7.20	84	341536	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	7.90	65	132952	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	7.86	84	668325	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	8.90	67	174373	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	9.97	98	605249	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	10.24	79	38310	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	10.59	63	96237	48.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61483	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	118118	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

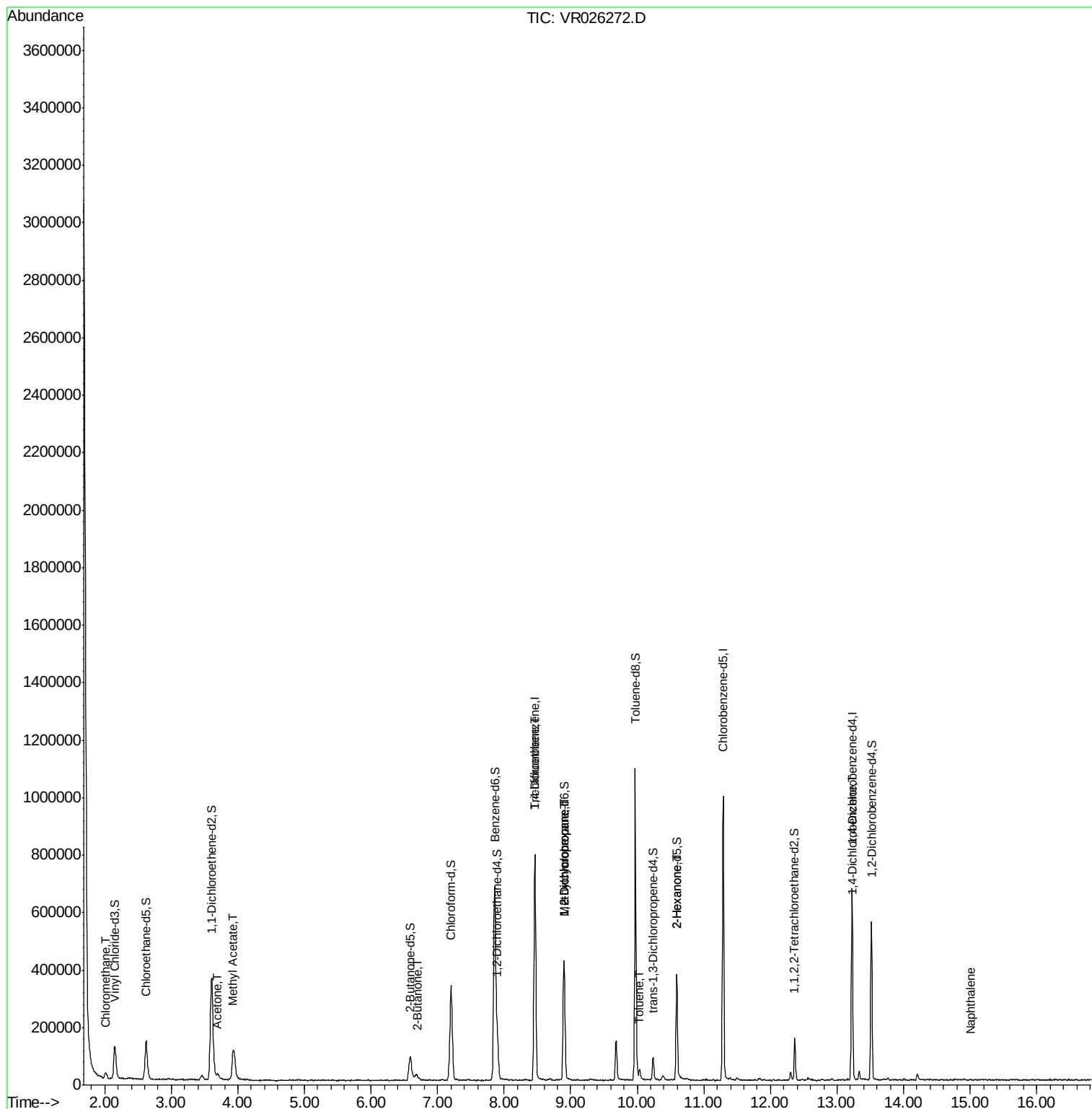
					Qvalue
3) Chloromethane	2.01	50	29658	0.554	ug/L 96
13) Acetone	3.69	43	32399	10.416	ug/L 89
15) Methyl Acetate	3.93	43	50182	6.046	ug/L # 53
21) 2-Butanone	6.69	43	4750	1.288	ug/L 92
34) Trichloroethene	8.46	95	17192	0.374	ug/L # 10
35) Methylcyclohexane	8.90	83	43462	0.652	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	20559	0.576	ug/L # 93
42) Toluene	10.04	91	20733	0.116	ug/L 97
48) 2-Hexanone	10.59	43	19395	3.503	ug/L # 73
63) 1,4-Dichlorobenzene	13.24	146	2859	0.062	ug/L # 66
69) Naphthalene	15.00	128	1469	0.110	ug/L # 84

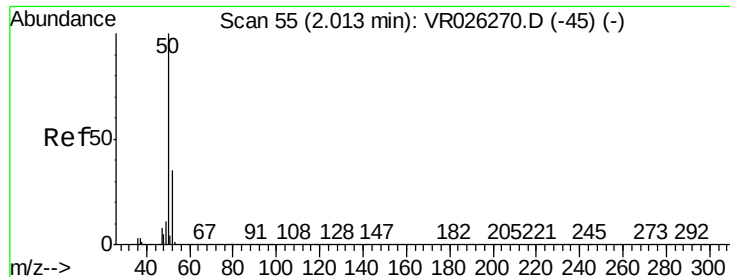
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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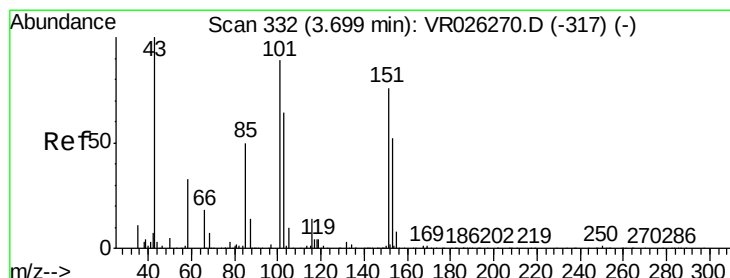
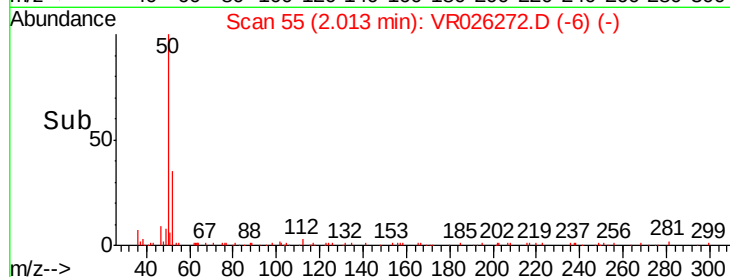
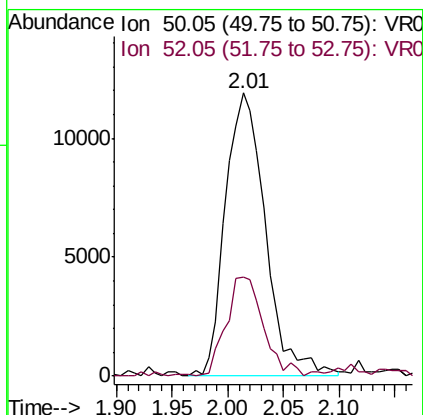
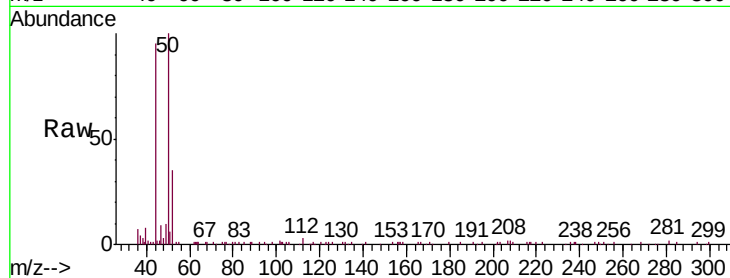




#3
Chloromethane
Concen: 0.554 ug/L
RT: 2.01 min Scan# 55
Delta R.T. 0.00 min
Lab File: VR026272.D
Acq: 17 Dec 2018 20:19

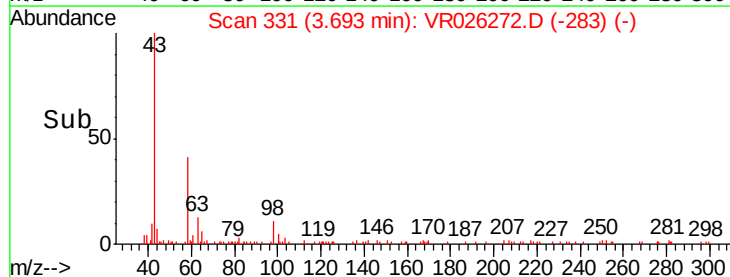
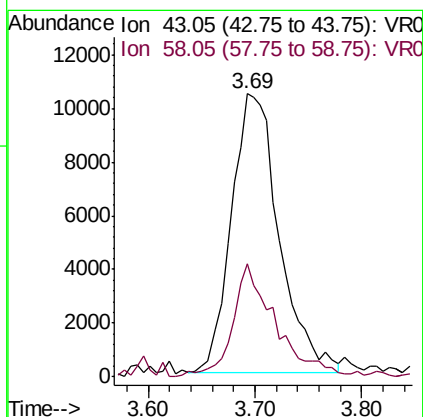
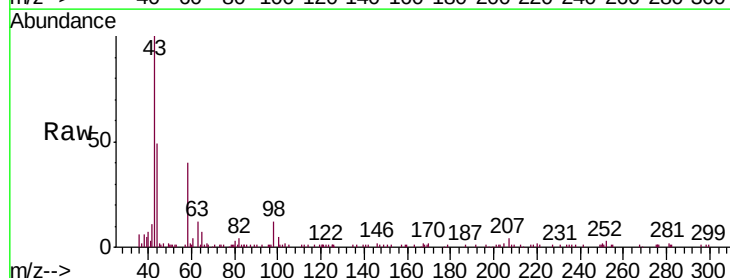
Instrument :
MSVOA_R
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BF027

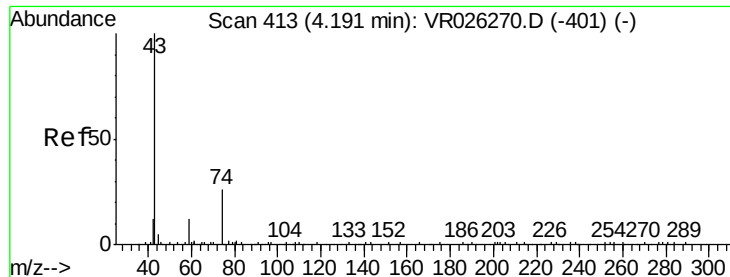
Tgt Ion: 50 Resp: 29658
Ion Ratio Lower Upper
50 100
52 34.8 22.8 42.4



#13
Acetone
Concen: 10.416 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.01 min
Lab File: VR026272.D
Acq: 17 Dec 2018 20:19

Tgt Ion: 43 Resp: 32399
Ion Ratio Lower Upper
43 100
58 36.4 0.0 60.8





#15

Methyl Acetate

Concen: 6.046 ug/L

RT: 3.93 min Scan# 370

Delta R.T. -0.26 min

Lab File: VR026272.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_R

ClientSampleId :

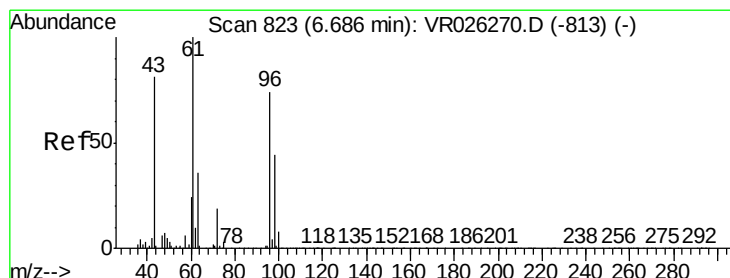
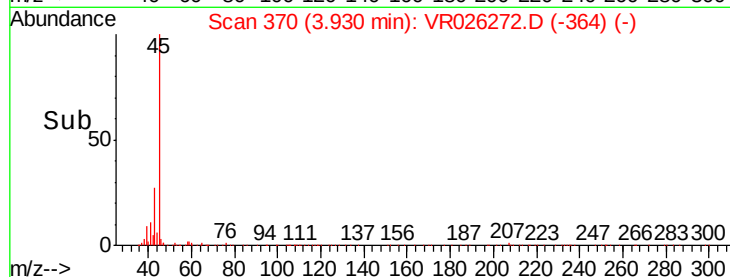
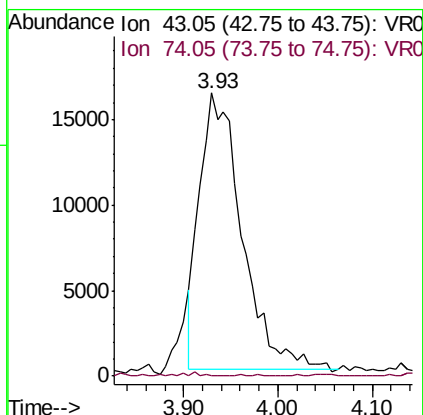
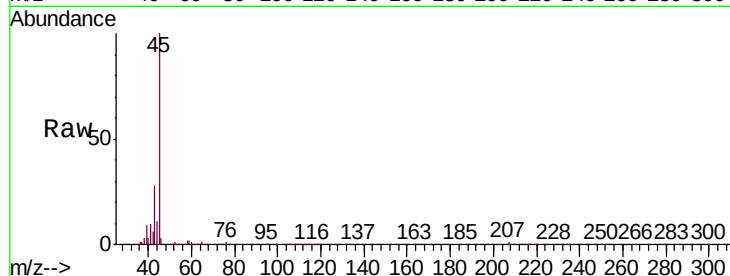
BF027

Tgt Ion: 43 Resp: 50182

Ion Ratio Lower Upper

43 100

74 0.3 18.4 27.6#



#21

2-Butanone

Concen: 1.288 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.01 min

Lab File: VR026272.D

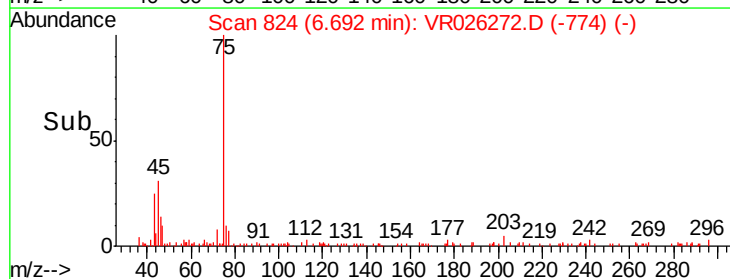
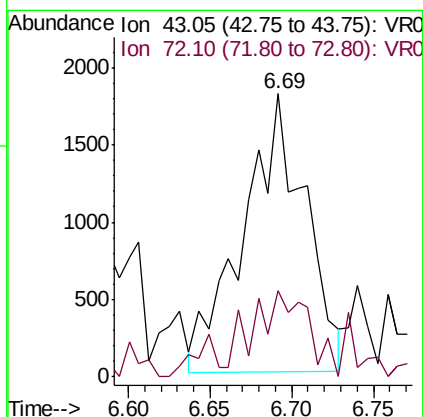
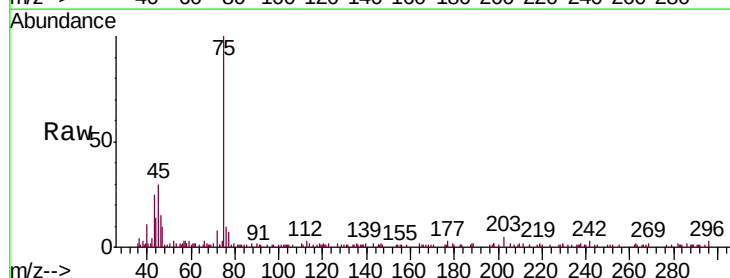
Acq: 17 Dec 2018 20:19

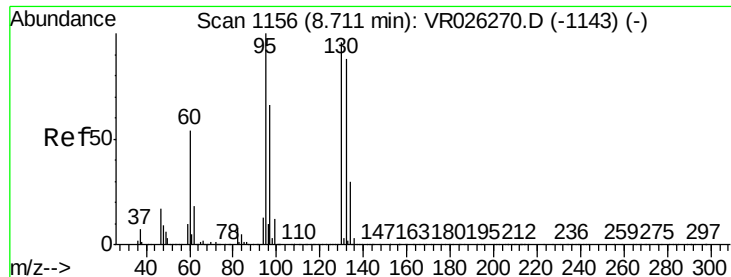
Tgt Ion: 43 Resp: 4750

Ion Ratio Lower Upper

43 100

72 27.6 11.9 35.5





#34

Trichloroethene

Concen: 0.374 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026272.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_R

ClientSampleId :

BF027

Tgt Ion: 95 Resp: 17192

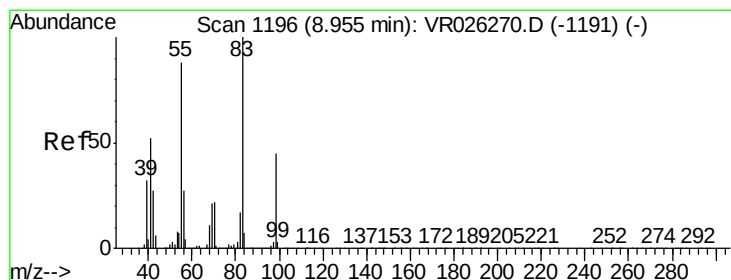
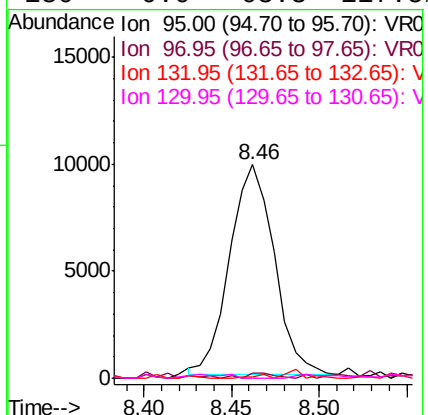
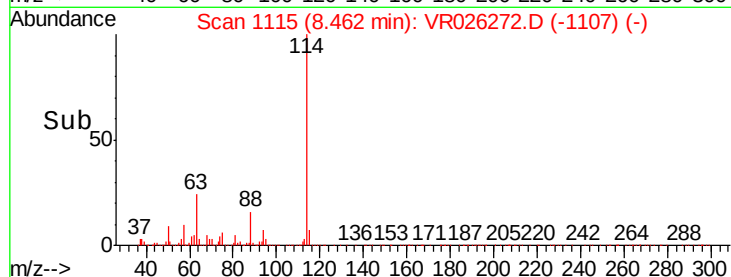
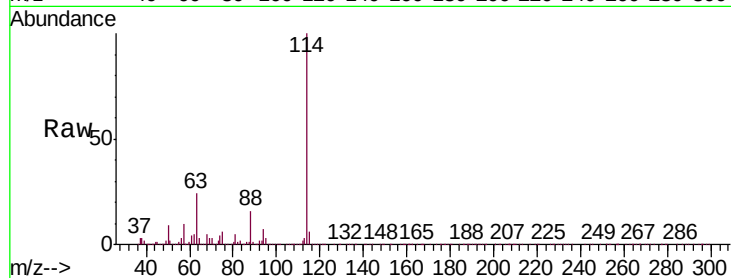
Ion Ratio Lower Upper

95 100

97 2.7 44.8 83.2#

132 0.6 61.7 114.5#

130 0.0 63.3 117.5#



#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026272.D

Acq: 17 Dec 2018 20:19

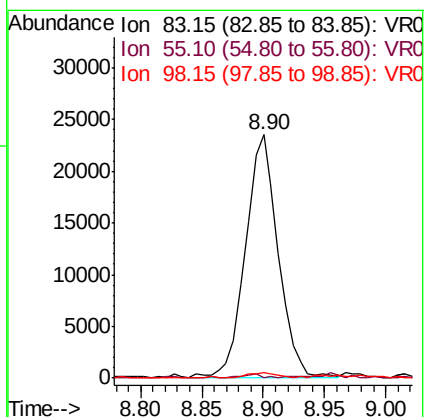
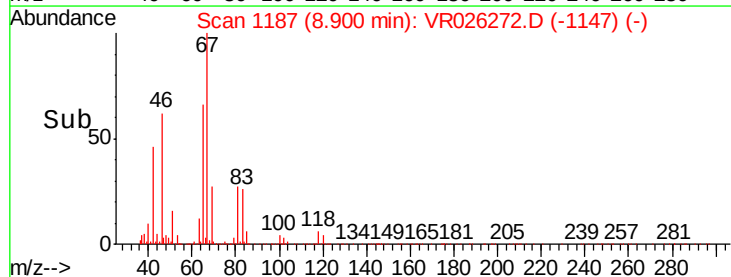
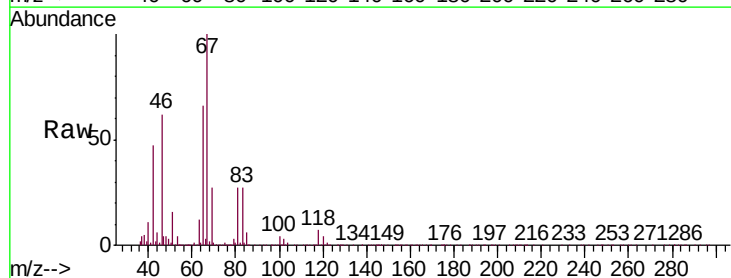
Tgt Ion: 83 Resp: 43462

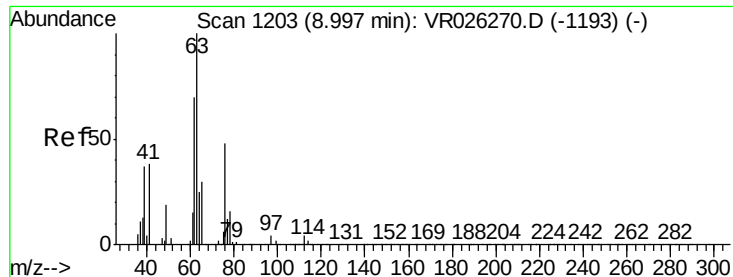
Ion Ratio Lower Upper

83 100

55 1.0 66.6 99.8#

98 2.1 35.5 53.3#

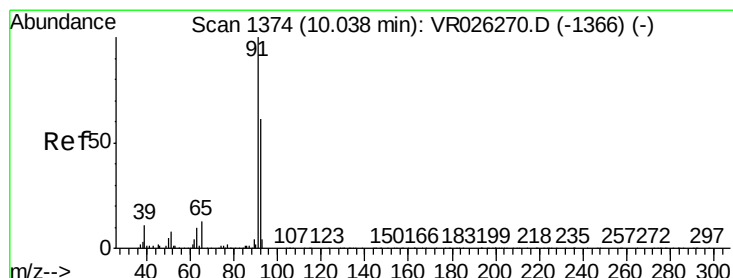
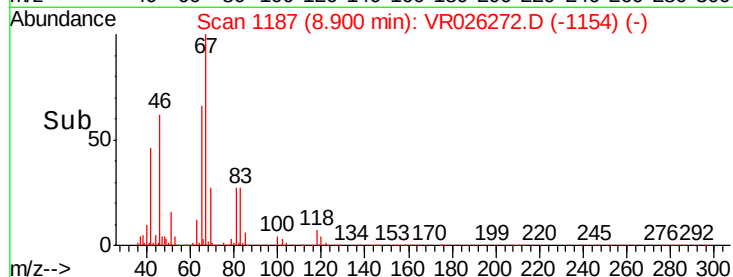
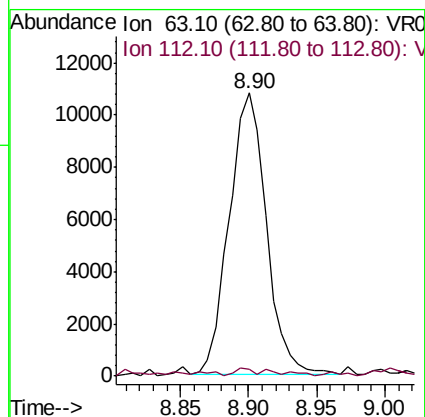
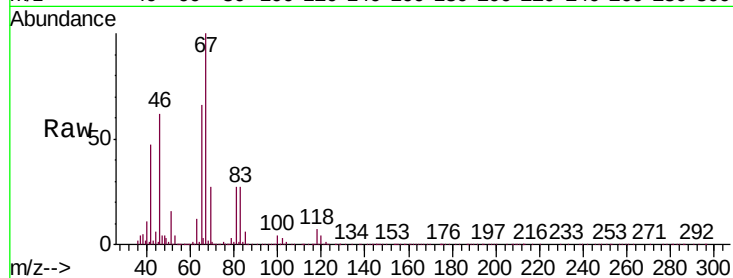




#37
 1,2-Dichloropropane
 Concen: 0.576 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR026272.D
 Acq: 17 Dec 2018 20:19

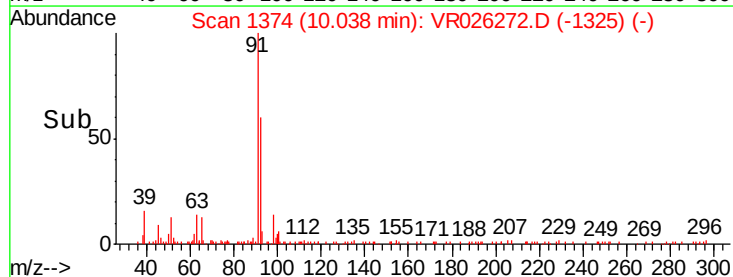
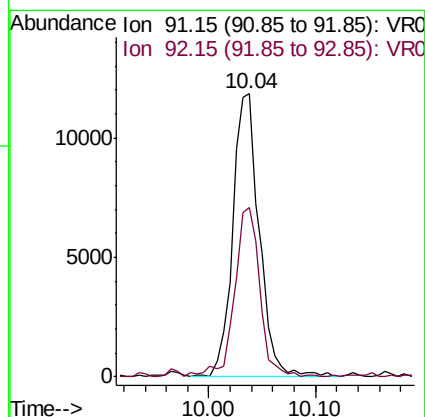
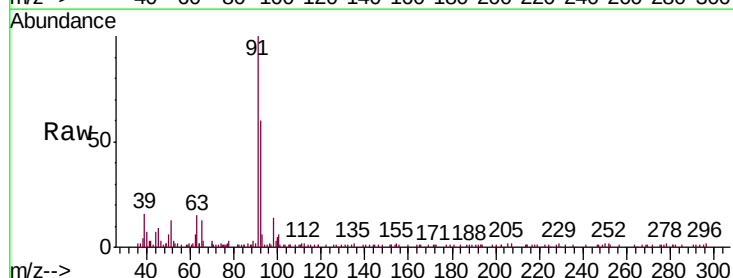
Instrument :
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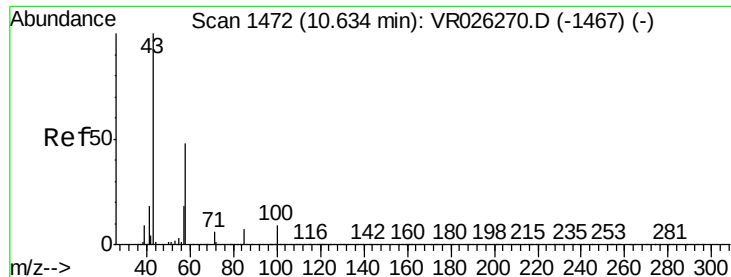
Tgt Ion: 63 Resp: 20559
 Ion Ratio Lower Upper
 63 100
 112 1.3 3.0 4.6#



#42
 Toluene
 Concen: 0.116 ug/L
 RT: 10.04 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: VR026272.D
 Acq: 17 Dec 2018 20:19

Tgt Ion: 91 Resp: 20733
 Ion Ratio Lower Upper
 91 100
 92 59.7 40.0 74.4

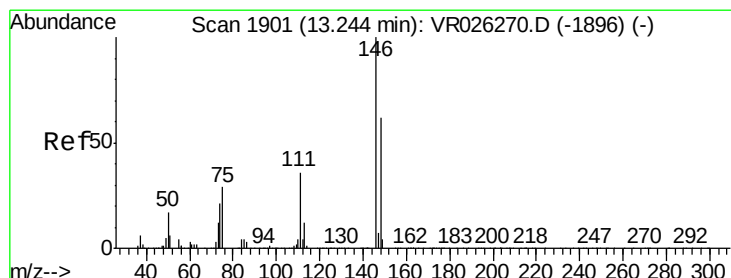
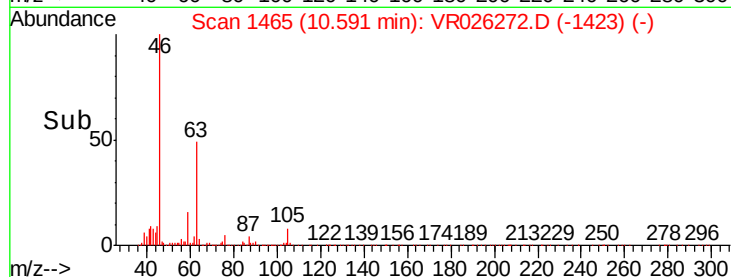
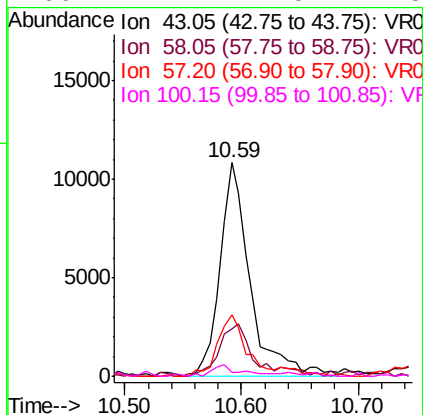
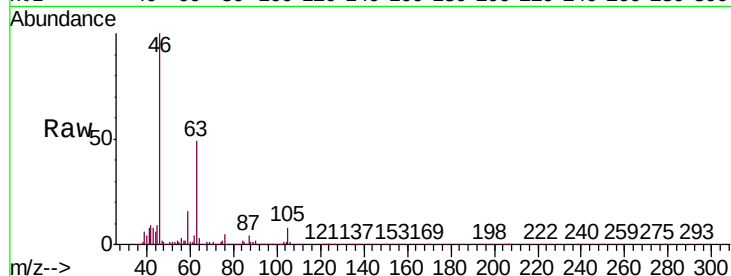




#48
2-Hexanone
Concen: 3.503 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026272.D
Acq: 17 Dec 2018 20:19

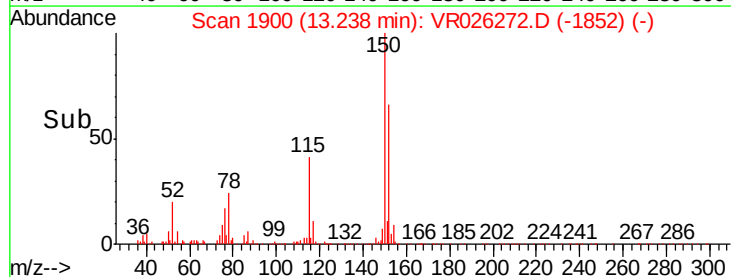
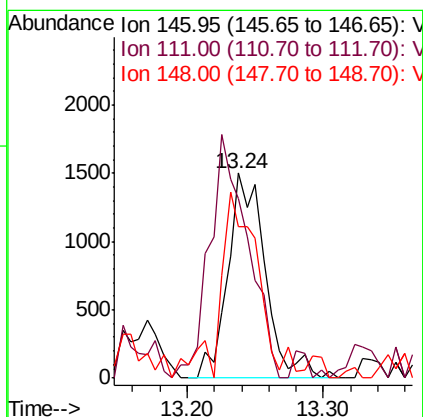
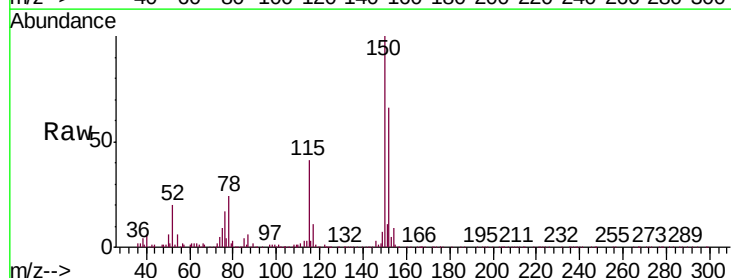
Instrument :
MSVOA_R
ClientSampleId :
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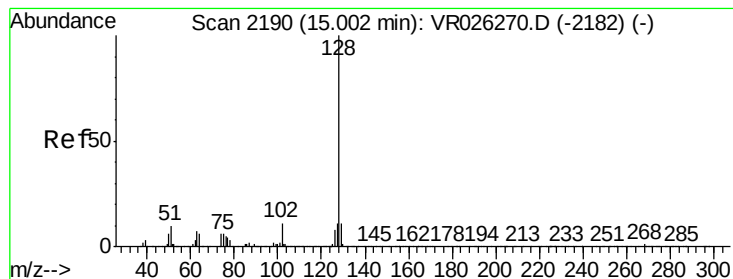
Tgt Ion:	43	Resp:	19395
Ion	Ratio	Lower	Upper
43	100		
58	28.3	40.5	60.7#
57	26.7	14.2	21.4#
100	4.7	7.5	11.3#



#63
1,4-Dichlorobenzene
Concen: 0.062 ug/L
RT: 13.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: VR026272.D
Acq: 17 Dec 2018 20:19

Tgt Ion:	146	Resp:	2859
Ion	Ratio	Lower	Upper
146	100		
111	87.7	29.0	53.9#
148	74.2	46.7	86.7





#69

Naphthalene

Concen: 0.110 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VR026272.D

Acq: 17 Dec 2018 20:19

Instrument :

MSVOA_R

ClientSampleId :

BF027

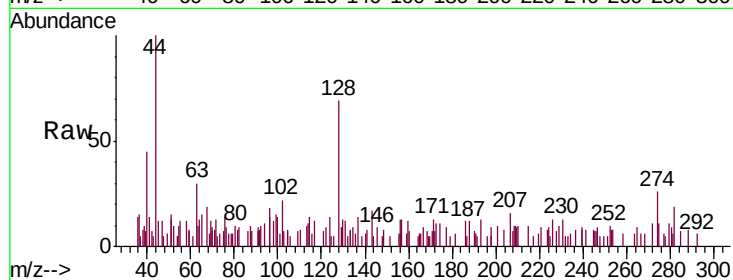
Tgt Ion:128 Resp: 1469

Ion Ratio Lower Upper

128 100

127 22.9 11.1 16.7#

129 13.8 8.7 13.1#



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

