

Data File : VR026274.D
Acq On : 17 Dec 2018 21:25
Operator : SY/MD
Sample : J6419-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BF026

Quant Time: Dec 18 00:33:32 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	507117	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	405465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	122331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	183154	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	2.62	69	176275	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	3.60	63	358389	3.93	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	6.58	46	143719	50.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.30%
24) Chloroform-d	7.20	84	338348	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	7.90	65	130304	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	7.85	84	658380	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	8.90	67	170064	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	9.97	98	593931	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	10.24	79	37866	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	10.59	63	91954	50.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59859	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	111026	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

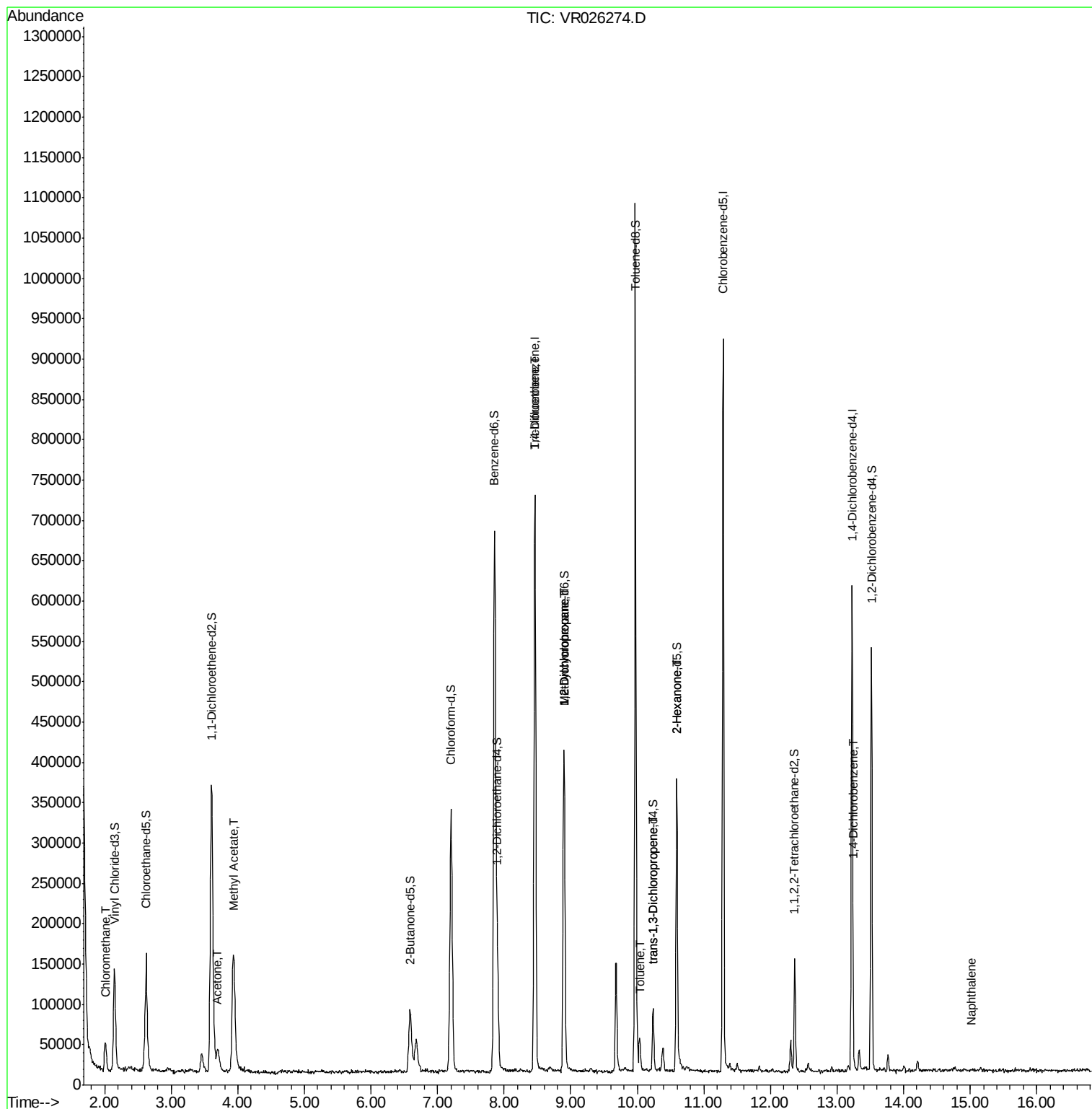
					Qvalue
3) Chloromethane	2.01	50	48161	0.958 ug/L	93
13) Acetone	3.70	43	47525	16.280 ug/L	93
15) Methyl Acetate	3.93	43	66824	8.578 ug/L #	53
34) Trichloroethene	8.46	95	16502	0.392 ug/L #	10
35) Methylcyclohexane	8.89	83	43584	0.714 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	21668	0.663 ug/L #	92
42) Toluene	10.04	91	24319	0.149 ug/L	97
44) trans-1,3-Dichloropropene	10.24	75	2531	0.099 ug/L	96
48) 2-Hexanone	10.59	43	17712	3.494 ug/L #	72
63) 1,4-Dichlorobenzene	13.24	146	2642	0.062 ug/L #	83
69) Naphthalene	15.01	128	1971	0.159 ug/L #	92

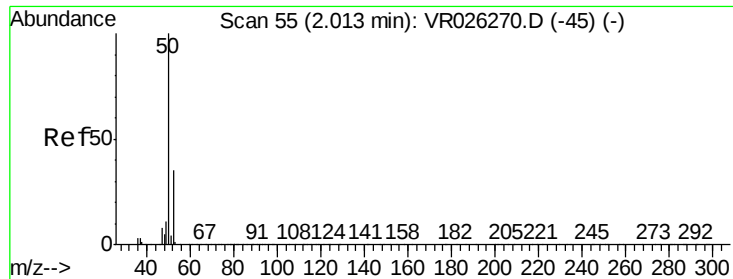
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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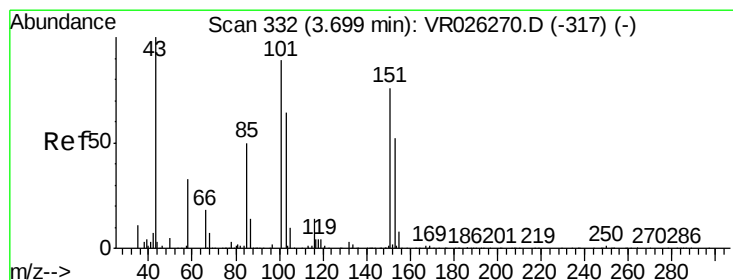
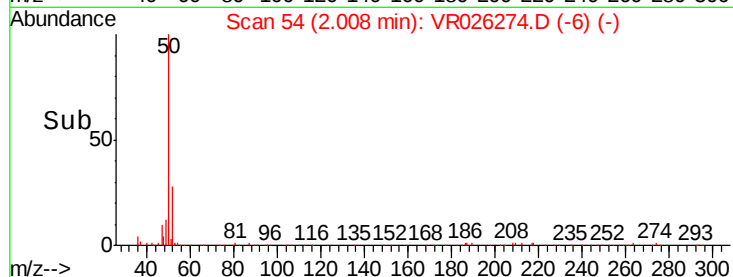
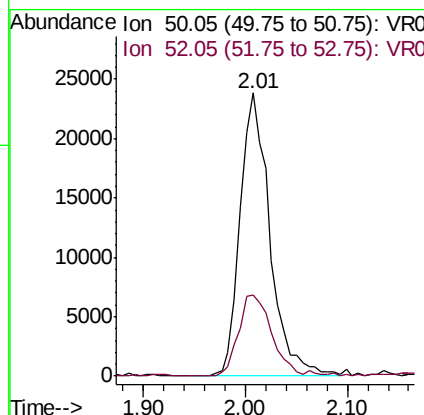
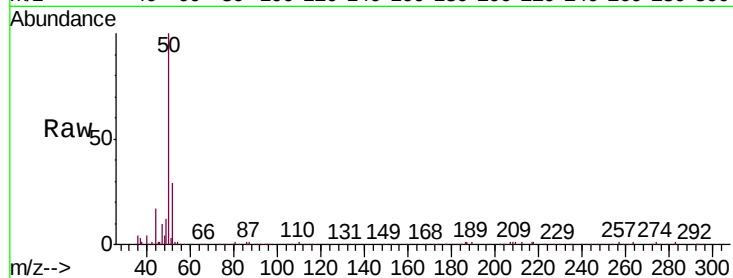




#3
Chloromethane
Concen: 0.958 ug/L
RT: 2.01 min Scan# 54
Delta R.T. -0.01 min
Lab File: VR026274.D
Acq: 17 Dec 2018 21:25

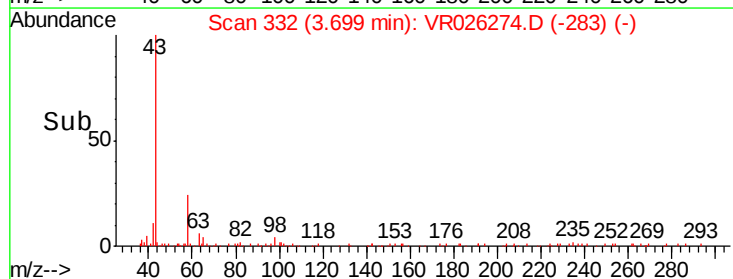
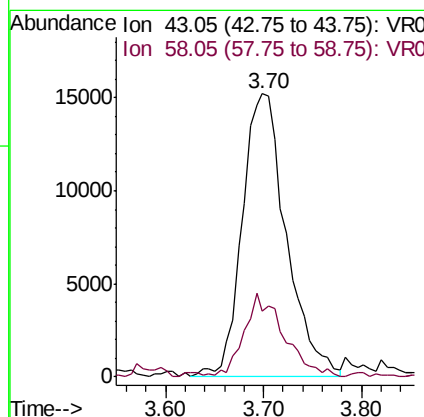
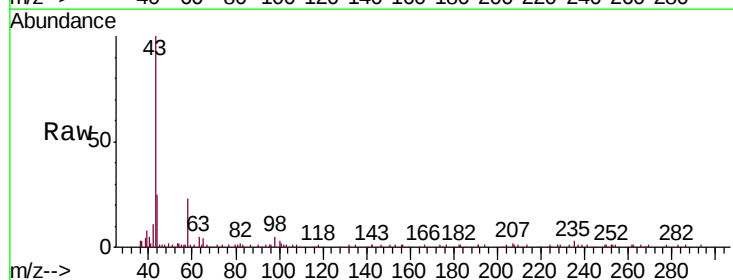
Instrument :
MSVOA_R
ClientSampleId :
BF026

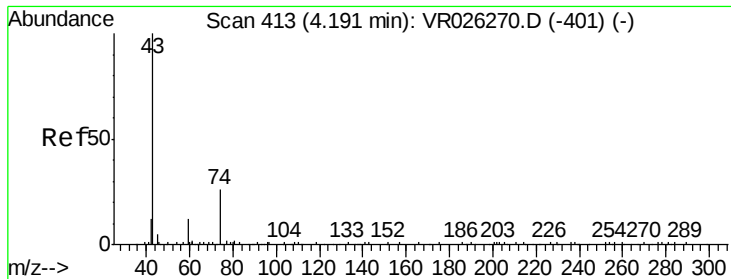
Tgt Ion: 50 Resp: 48161
Ion Ratio Lower Upper
50 100
52 28.6 22.8 42.4



#13
Acetone
Concen: 16.280 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.00 min
Lab File: VR026274.D
Acq: 17 Dec 2018 21:25

Tgt Ion: 43 Resp: 47525
Ion Ratio Lower Upper
43 100
58 26.7 0.0 60.8

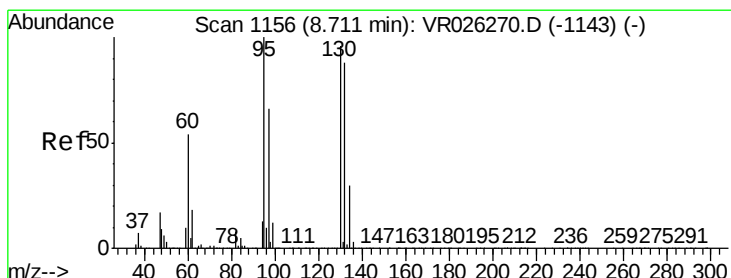
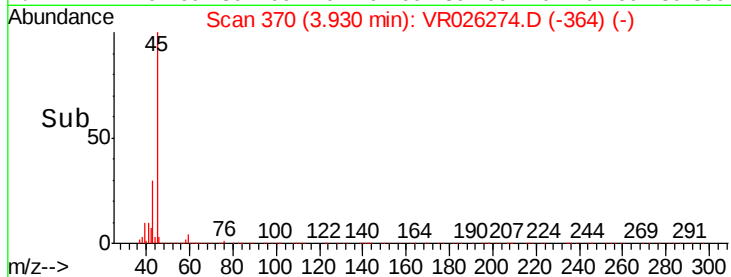
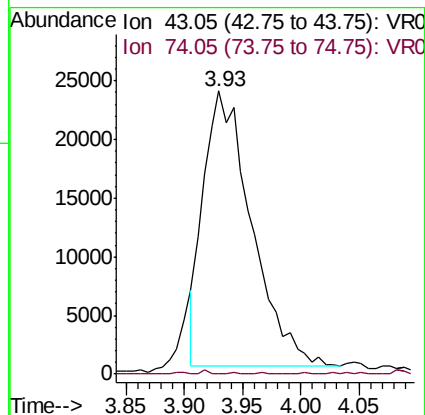
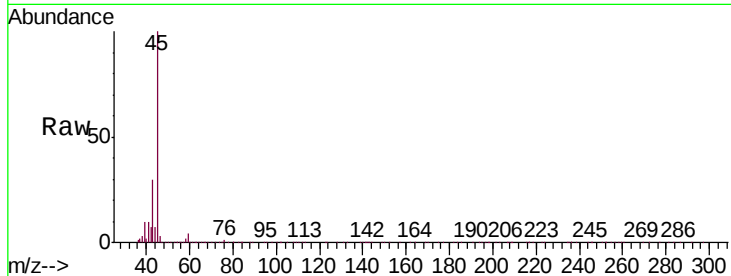




#15
Methyl Acetate
Concen: 8.578 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.26 min
Lab File: VR026274.D
Acq: 17 Dec 2018 21:25

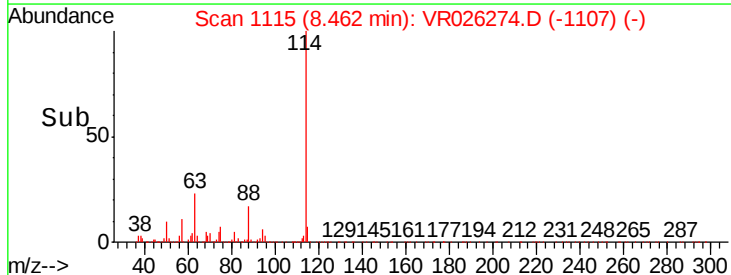
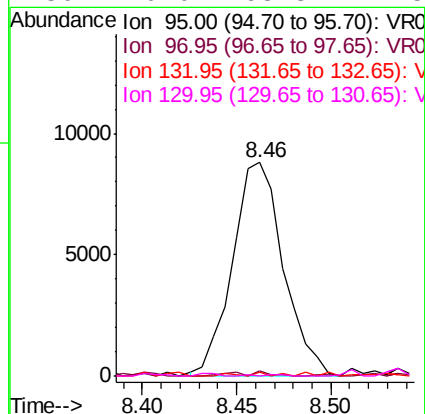
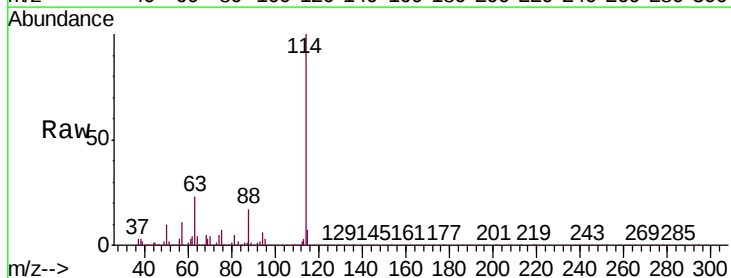
Instrument :
MSVOA_R
ClientSampled :
BF026

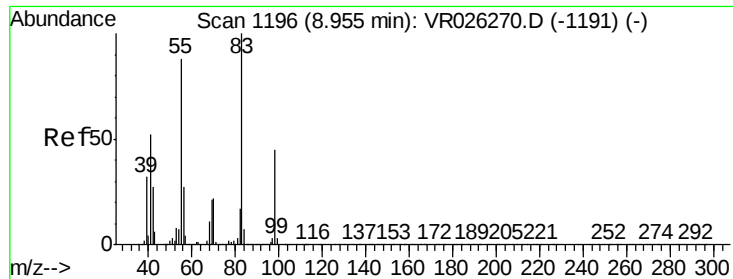
Tgt Ion: 43 Resp: 66824
Ion Ratio Lower Upper
43 100
74 0.1 18.4 27.6#



#34
Trichloroethene
Concen: 0.392 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026274.D
Acq: 17 Dec 2018 21:25

Tgt Ion: 95 Resp: 16502
Ion Ratio Lower Upper
95 100
97 2.7 44.8 83.2#
132 1.5 61.7 114.5#
130 0.0 63.3 117.5#

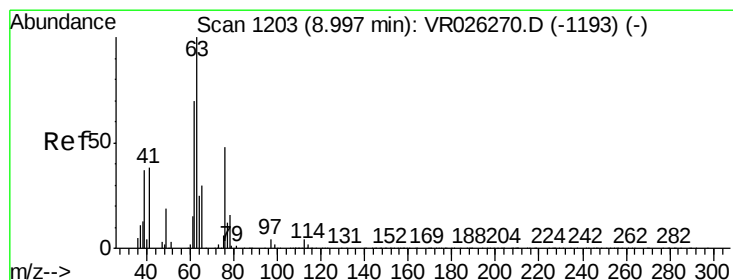
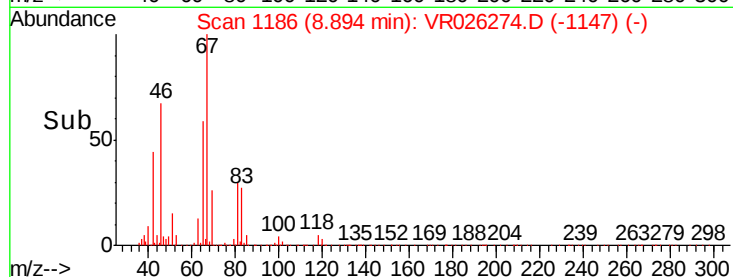
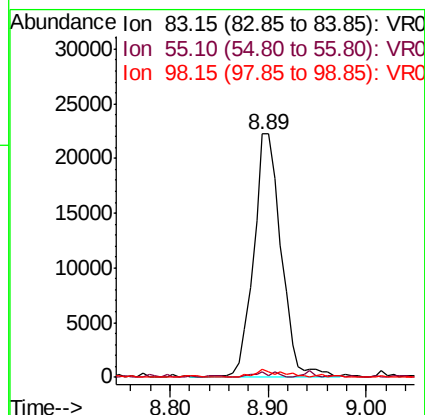
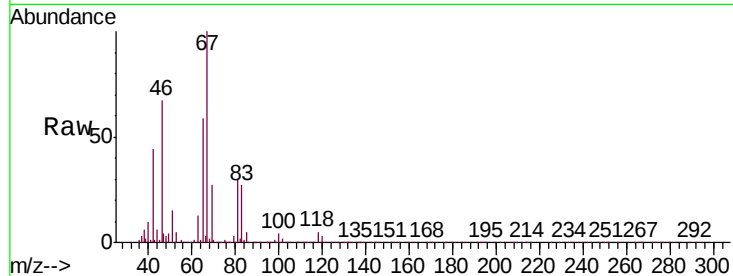




#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026274.D
Acq: 17 Dec 2018 21:25

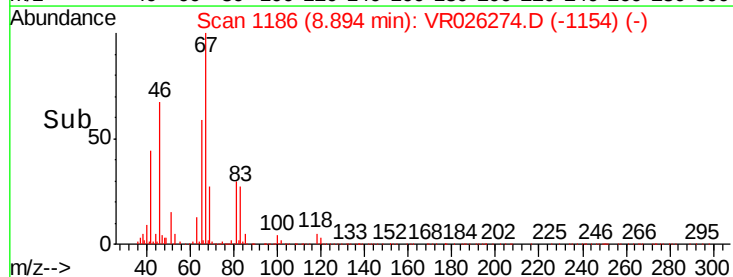
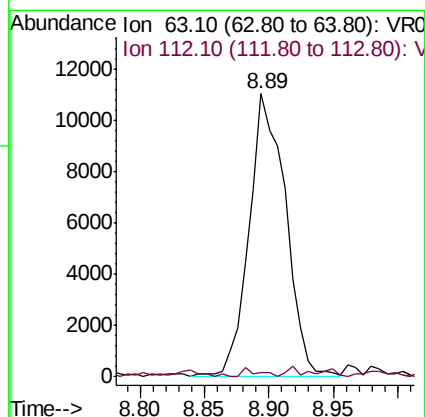
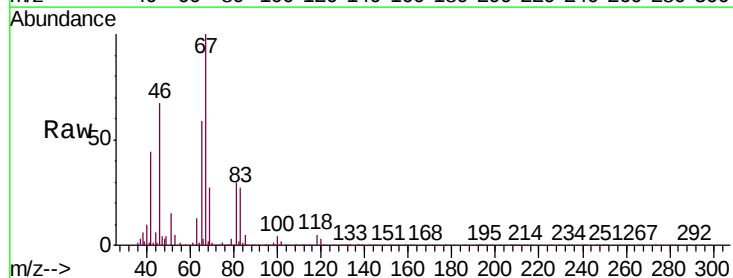
Instrument :
MSVOA_R
ClientSampleId :
BF026

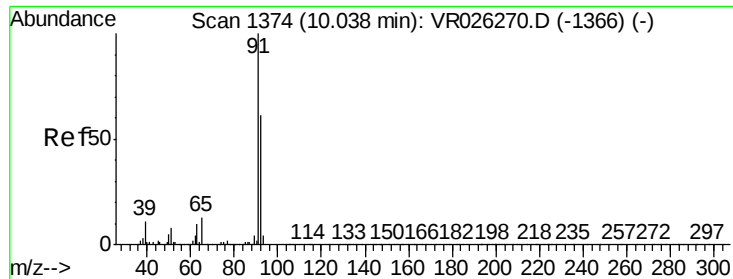
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.9	66.6	99.8#
98	1.9	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.663 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026274.D
Acq: 17 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.3	3.0	4.6#





#42

Toluene

Concen: 0.149 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.00 min

Lab File: VR026274.D

Acq: 17 Dec 2018 21:25

Instrument :

MSVOA_R

ClientSampleId :

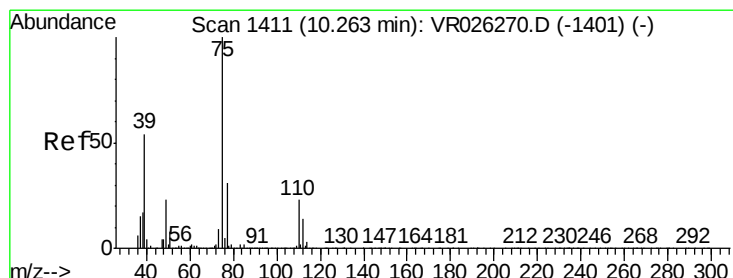
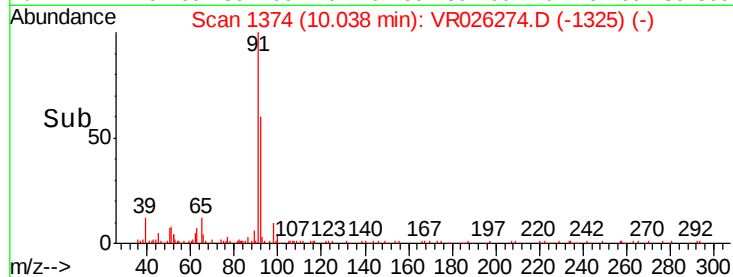
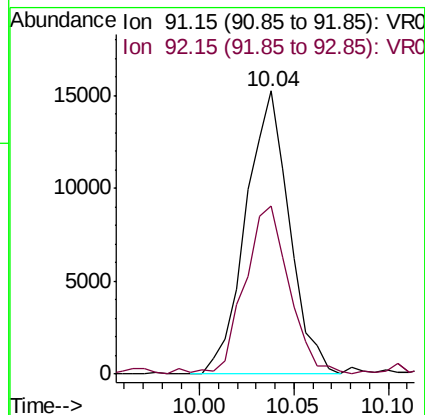
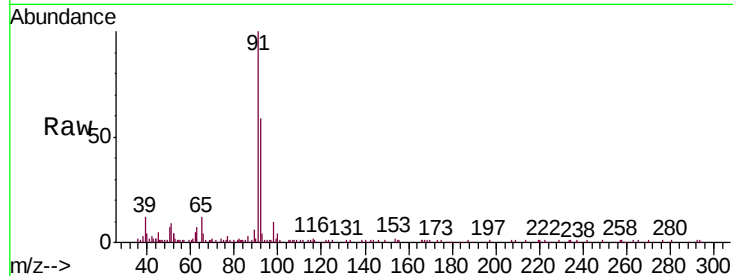
BF026

Tgt Ion: 91 Resp: 24319

Ion Ratio Lower Upper

91 100

92 59.3 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026274.D

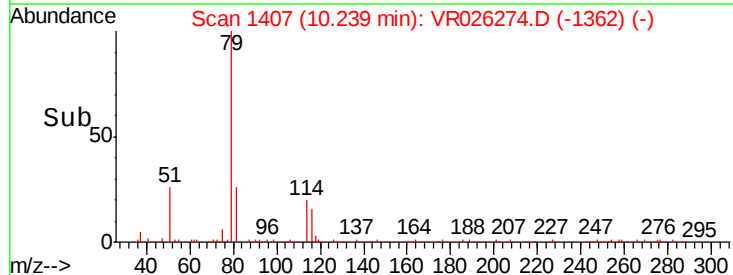
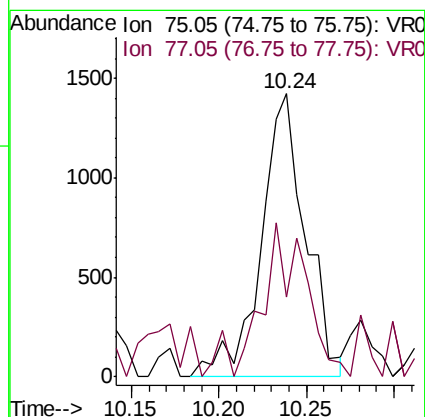
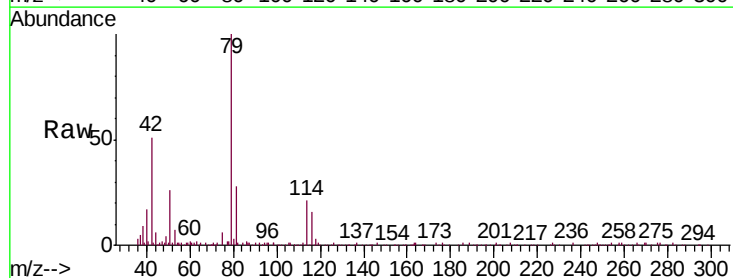
Acq: 17 Dec 2018 21:25

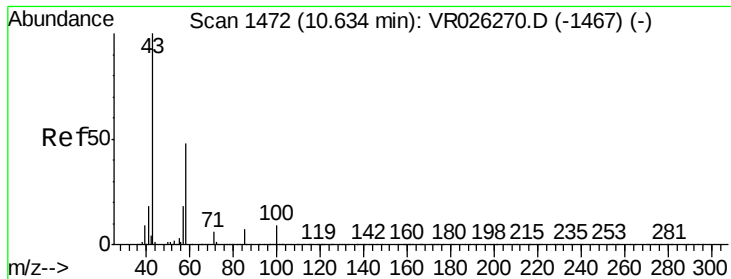
Tgt Ion: 75 Resp: 2531

Ion Ratio Lower Upper

75 100

77 28.1 21.2 39.4





#48

2-Hexanone

Concen: 3.494 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026274.D

Acq: 17 Dec 2018 21:25

Instrument :

MSVOA_R

ClientSampleId :

BF026

Tgt Ion: 43 Resp: 17712

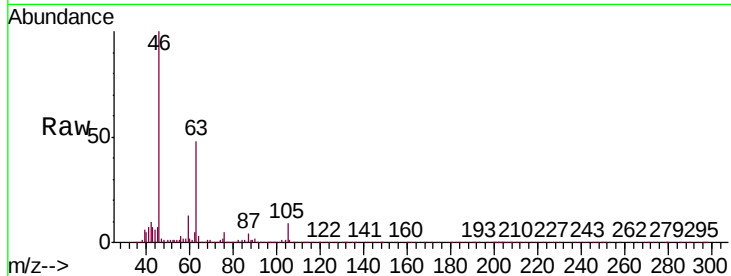
Ion Ratio Lower Upper

43 100

58 28.5 40.5 60.7#

57 28.7 14.2 21.4#

100 4.7 7.5 11.3#



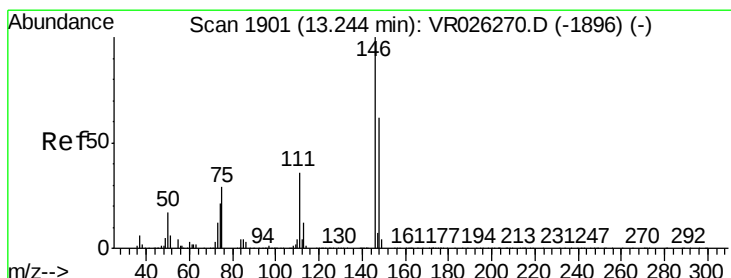
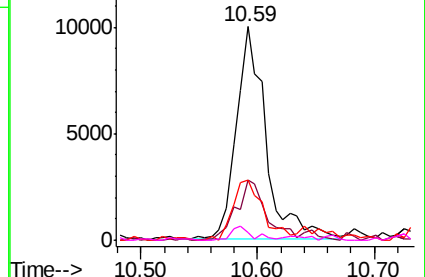
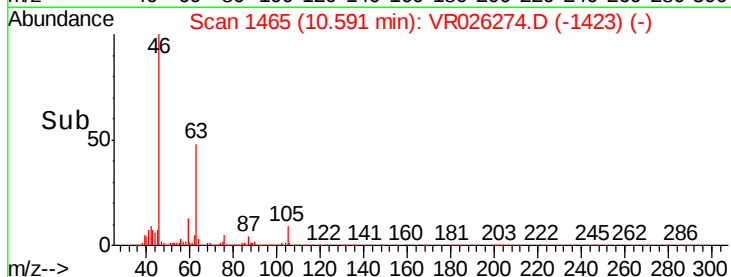
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

Time-->



#63

1,4-Dichlorobenzene

Concen: 0.062 ug/L

RT: 13.24 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VR026274.D

Acq: 17 Dec 2018 21:25

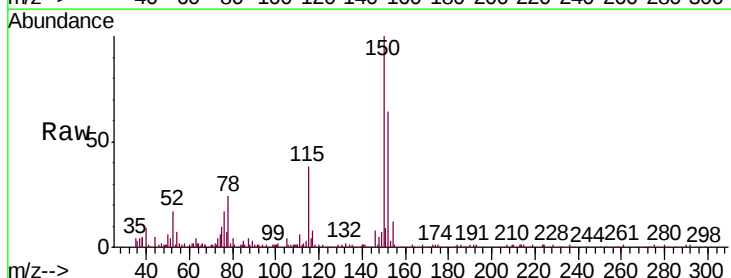
Tgt Ion: 146 Resp: 2642

Ion Ratio Lower Upper

146 100

111 68.1 29.0 53.9#

148 65.4 46.7 86.7

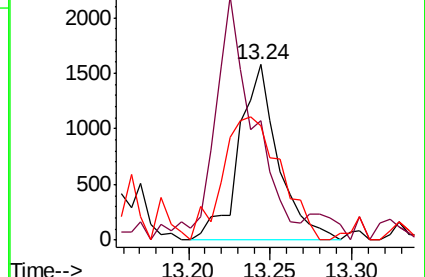
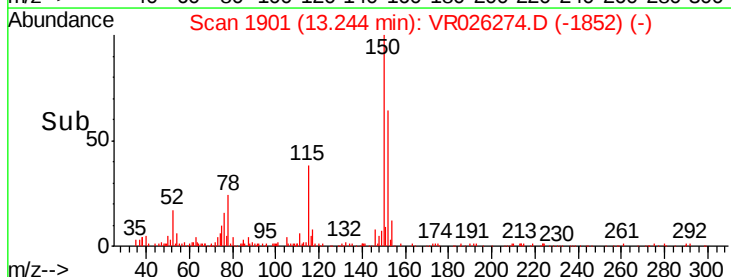


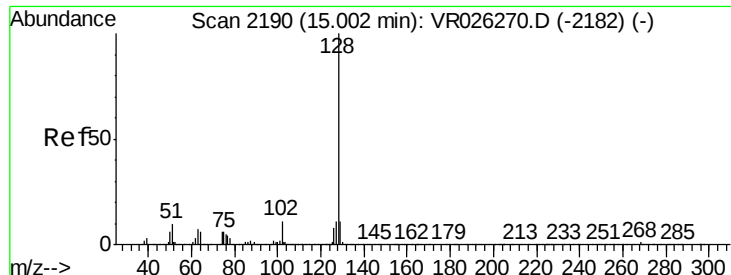
Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

Time-->





#69

Naphthalene

Concen: 0.159 ug/L

RT: 15.01 min Scan# 2191

Delta R.T. 0.01 min

Lab File: VR026274.D

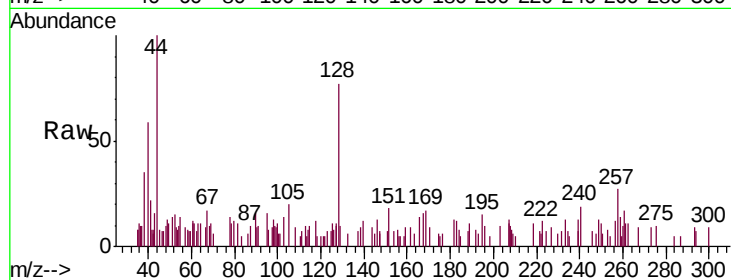
Acq: 17 Dec 2018 21:25

Instrument :

MSVOA_R

ClientSampleId :

BF026



Tgt Ion:128 Resp: 1971

Ion Ratio Lower Upper

128 100

127 16.8 11.1 16.7#

129 14.2 8.7 13.1#

