

Data File : VR026276.D
Acq On : 17 Dec 2018 22:31
Operator : SY/MD
Sample : J6419-18
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BF028

Quant Time: Dec 18 00:33:56 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	499477	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	402559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119404	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	175355	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	2.62	69	176919	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	3.61	63	348235	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	6.58	46	140644	49.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.66%
24) Chloroform-d	7.20	84	330251	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	7.90	65	126507	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	7.86	84	638173	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	8.90	67	162991	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	9.97	98	573009	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	10.24	79	36621	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	10.59	63	94463	52.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61349	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	110143	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

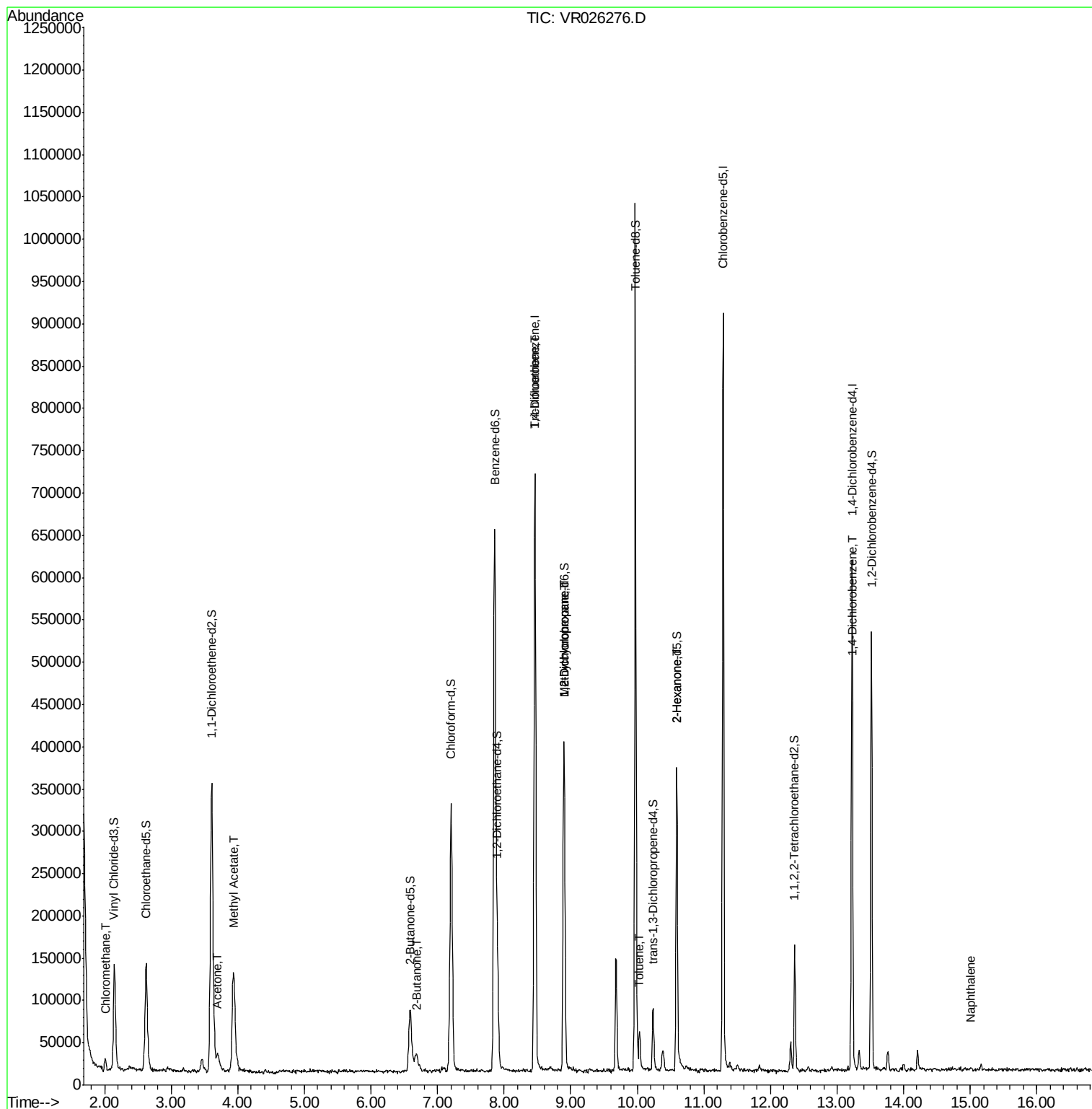
					Qvalue
3) Chloromethane	2.01	50	19715	0.398 ug/L	97
13) Acetone	3.70	43	34044	11.840 ug/L	95
15) Methyl Acetate	3.93	43	52800	6.882 ug/L #	53
21) 2-Butanone	6.69	43	3962	1.162 ug/L	82
34) Trichloroethene	8.46	95	17273	0.413 ug/L #	10
35) Methylcyclohexane	8.90	83	40516	0.669 ug/L #	19
37) 1,2-Dichloropropane	8.90	63	20583	0.634 ug/L #	89
42) Toluene	10.04	91	23908	0.148 ug/L	93
48) 2-Hexanone	10.59	43	15616	3.102 ug/L #	78
63) 1,4-Dichlorobenzene	13.24	146	2592	0.062 ug/L #	87
69) Naphthalene	15.00	128	1498	0.124 ug/L #	69

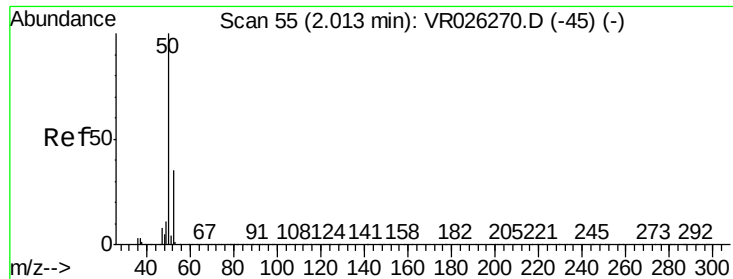
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.398 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.01 min

Lab File: VR026276.D

Acq: 17 Dec 2018 22:31

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MSVOA_R

ClientSampleId :

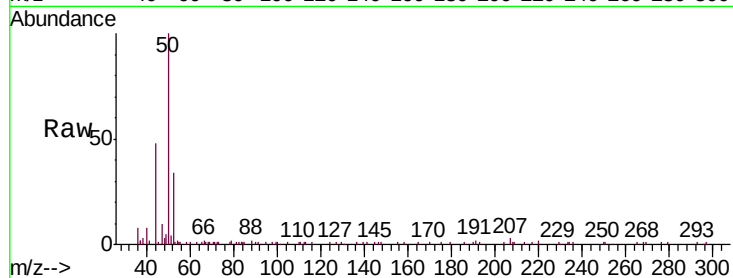
BF028

Tgt Ion: 50 Resp: 19715

Ion Ratio Lower Upper

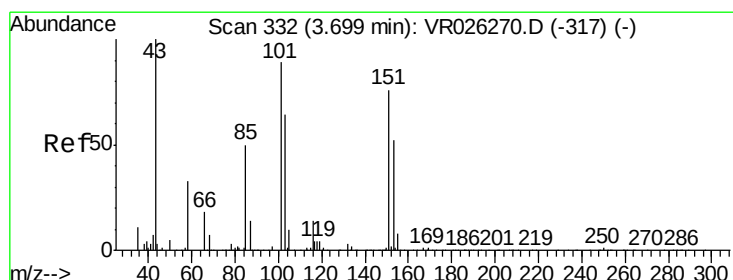
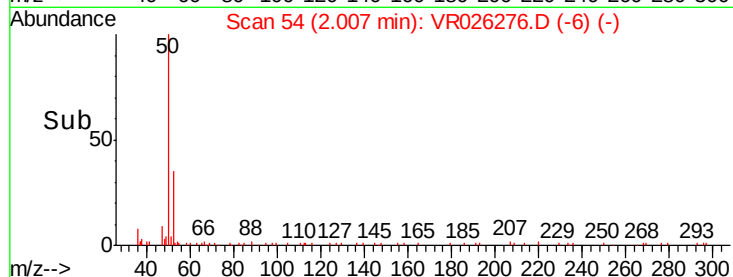
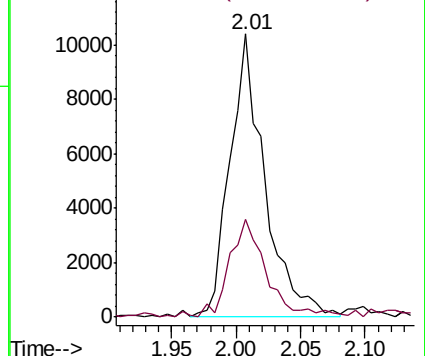
50 100

52 34.4 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0



#13

Acetone

Concen: 11.840 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

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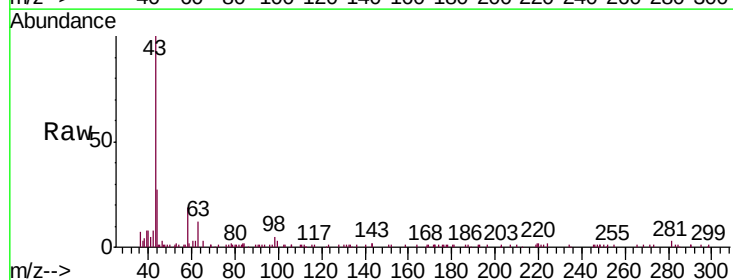
Acq: 17 Dec 2018 22:31

Tgt Ion: 43 Resp: 34044

Ion Ratio Lower Upper

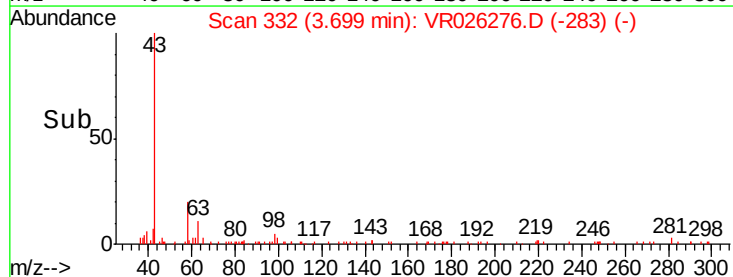
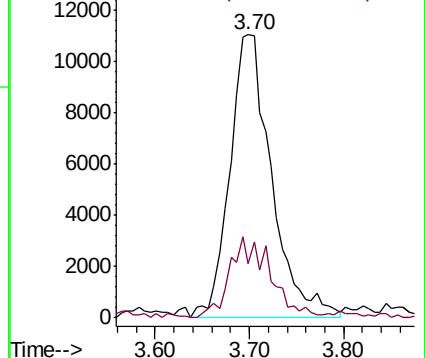
43 100

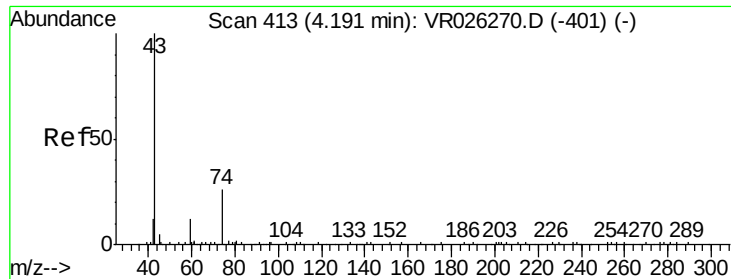
58 27.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

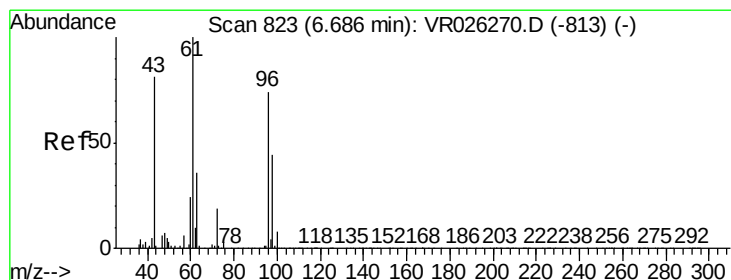
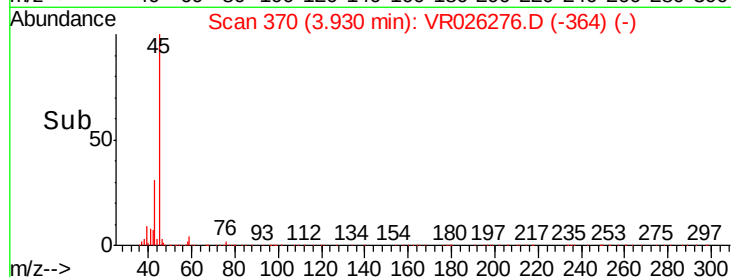
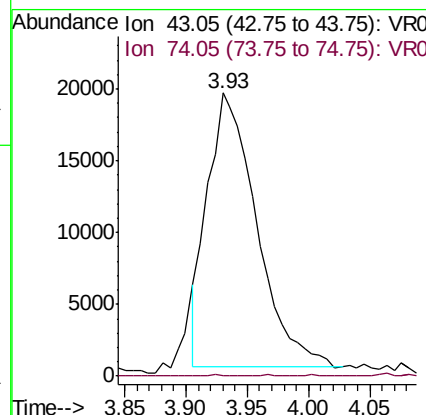
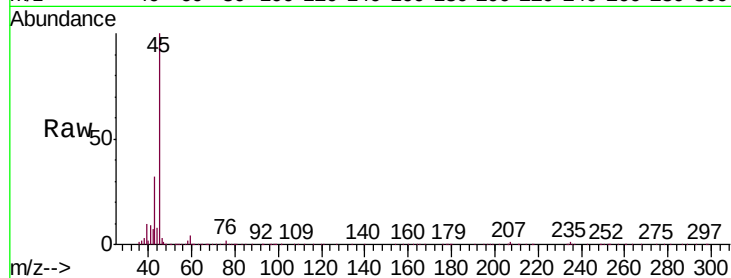




#15
Methyl Acetate
Concen: 6.882 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.26 min
Lab File: VR026276.D
Acq: 17 Dec 2018 22:31

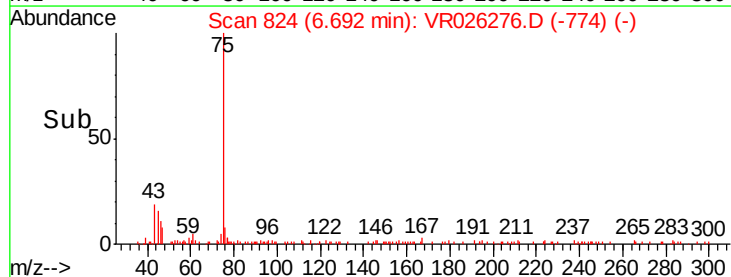
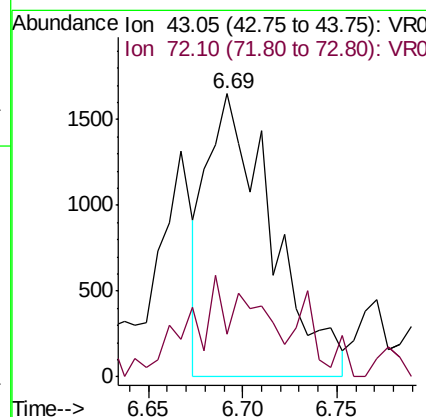
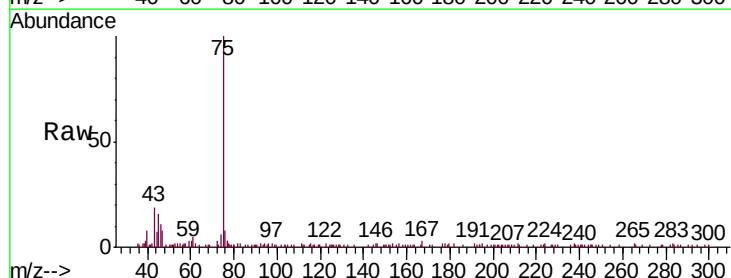
Instrument :
MSVOA_R
ClientSampleId :
BF028

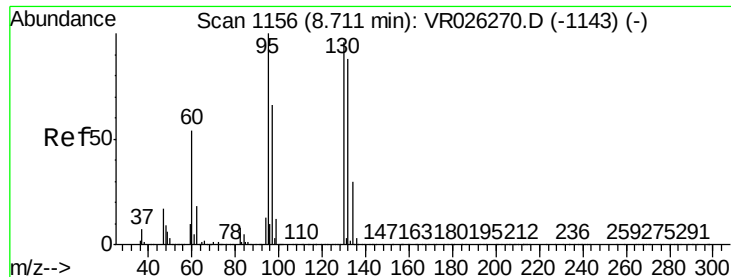
Tgt Ion: 43 Resp: 52800
Ion Ratio Lower Upper
43 100
74 0.1 18.4 27.6#



#21
2-Butanone
Concen: 1.162 ug/L
RT: 6.69 min Scan# 824
Delta R.T. 0.01 min
Lab File: VR026276.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 43 Resp: 3962
Ion Ratio Lower Upper
43 100
72 15.0 11.9 35.5





#34

Trichloroethene

Concen: 0.413 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026276.D

Acq: 17 Dec 2018 22:31

Instrument :

MSVOA_R

ClientSampleId :

BF028

Tgt Ion: 95 Resp: 17273

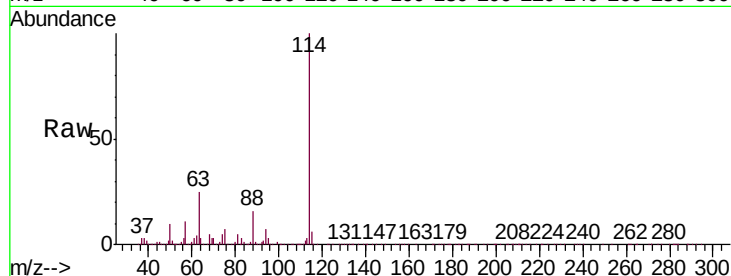
Ion Ratio Lower Upper

95 100

97 0.6 44.8 83.2#

132 1.6 61.7 114.5#

130 2.1 63.3 117.5#

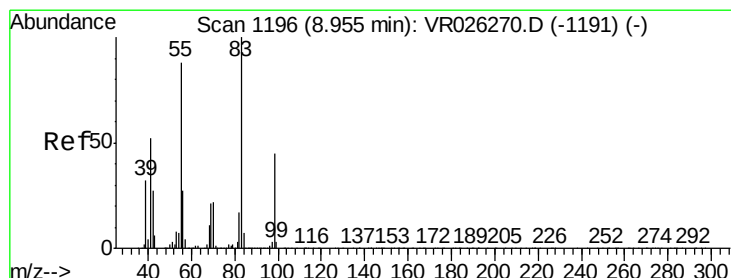
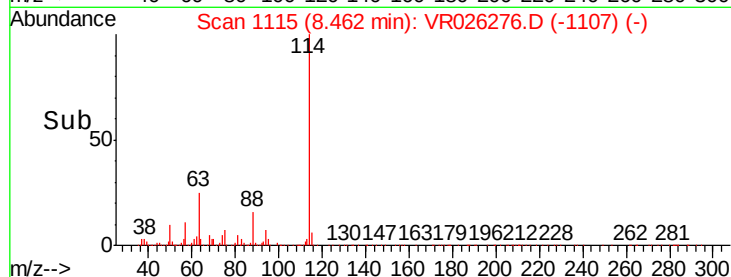
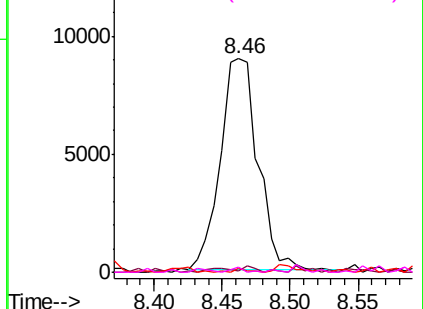


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.669 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026276.D

Acq: 17 Dec 2018 22:31

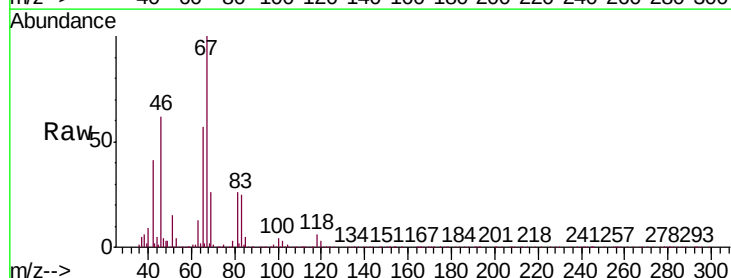
Tgt Ion: 83 Resp: 40516

Ion Ratio Lower Upper

83 100

55 2.2 66.6 99.8#

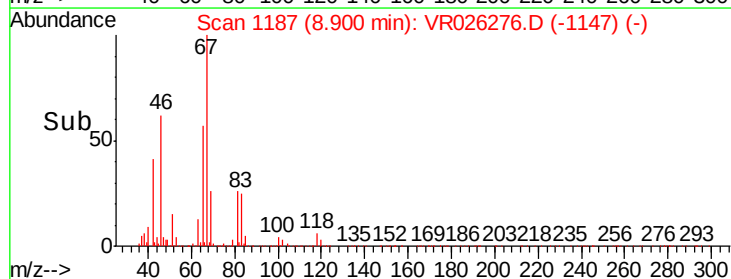
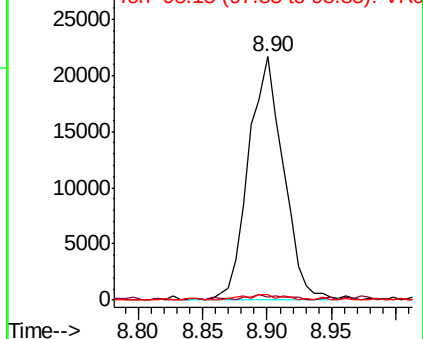
98 2.4 35.5 53.3#

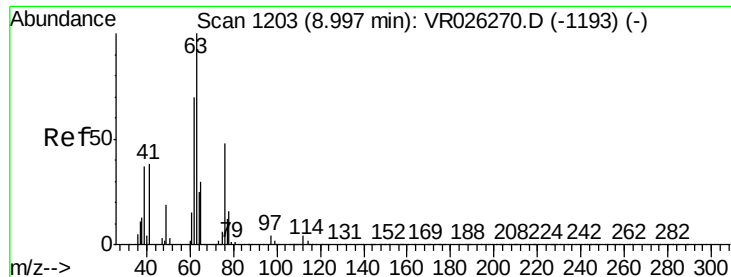


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

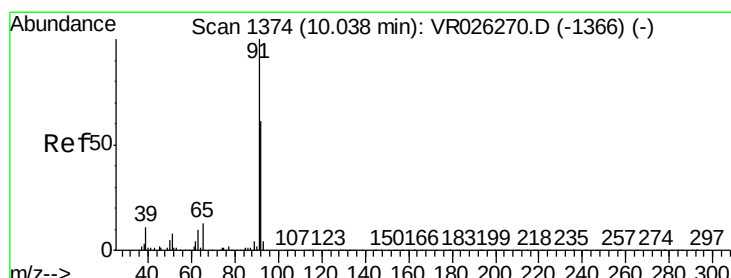
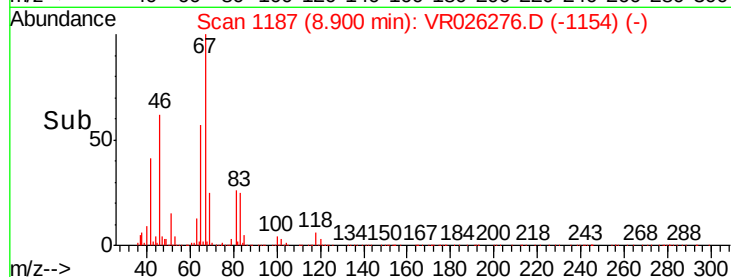
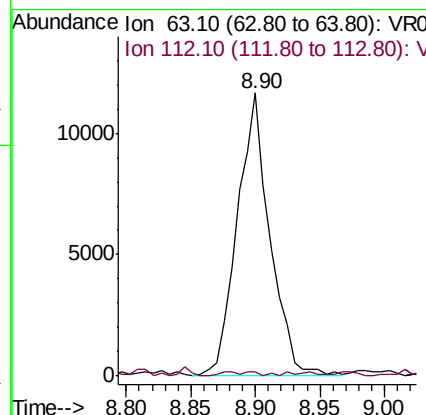
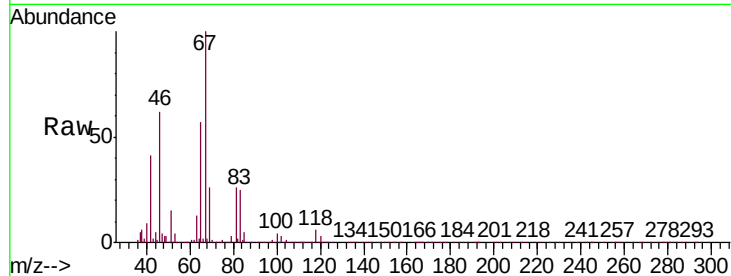




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR026276.D
 Acq: 17 Dec 2018 22:31

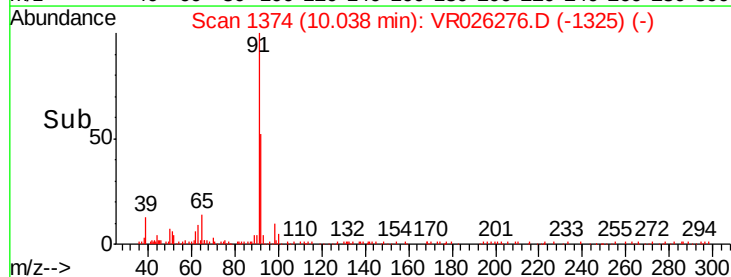
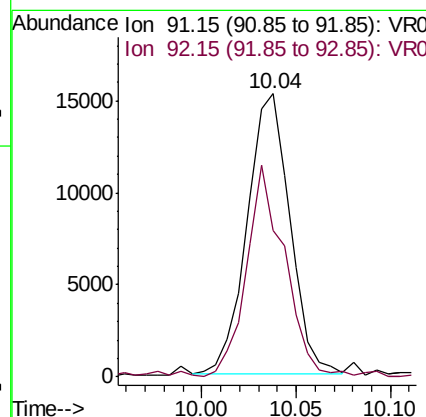
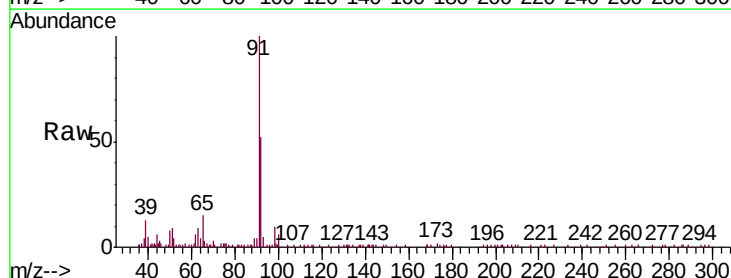
Instrument :
 MSVOA_R
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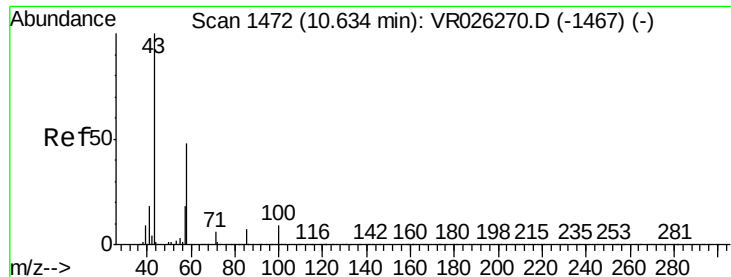
Tgt Ion: 63 Resp: 20583
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.0 4.6#



#42
 Toluene
 Concen: 0.148 ug/L
 RT: 10.04 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: VR026276.D
 Acq: 17 Dec 2018 22:31

Tgt Ion: 91 Resp: 23908
 Ion Ratio Lower Upper
 91 100
 92 51.8 40.0 74.4

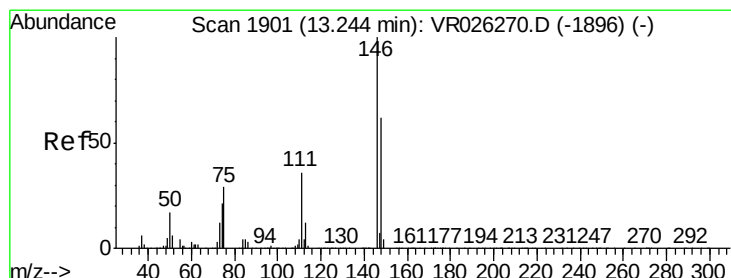
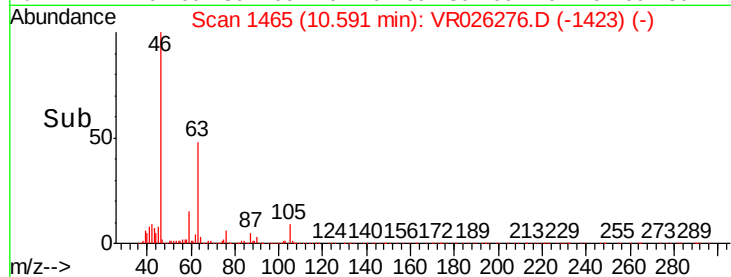
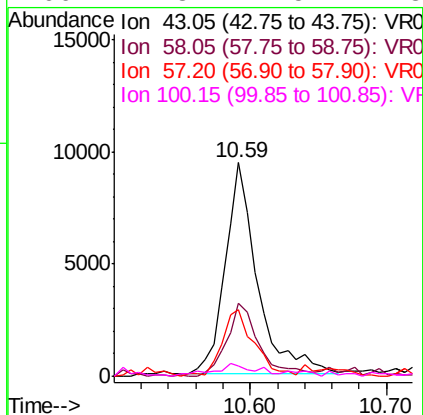
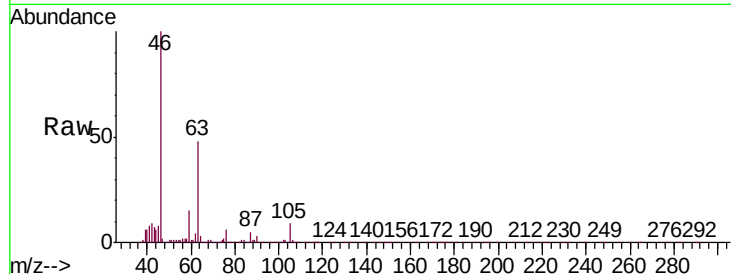




#48
2-Hexanone
Concen: 3.102 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026276.D
Acq: 17 Dec 2018 22:31

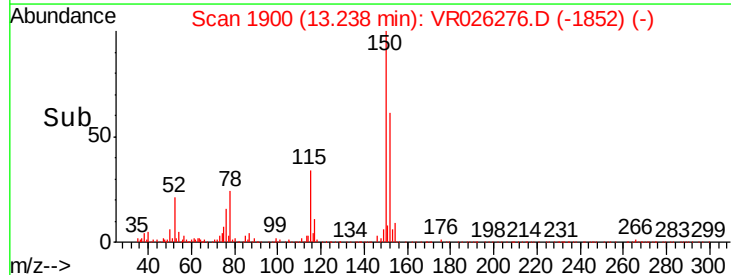
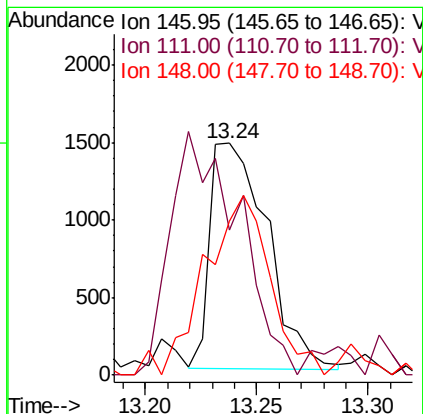
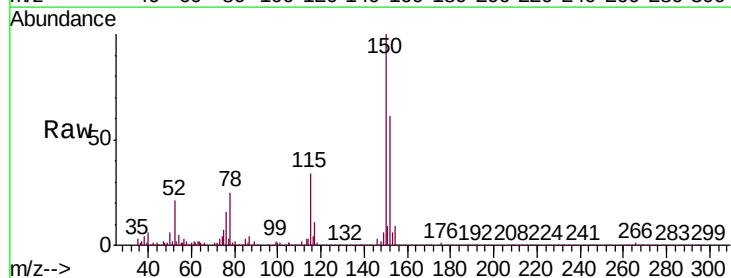
Instrument :
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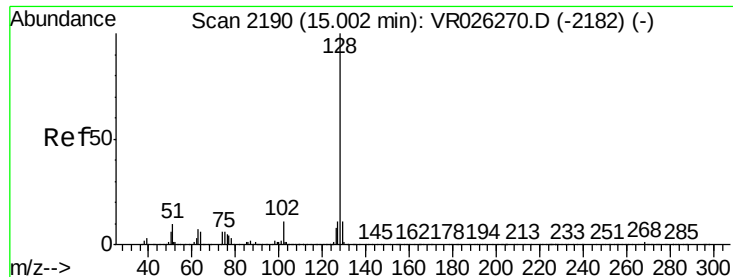
Tgt Ion:	43	Resp:	15616
Ion	Ratio	Lower	Upper
43	100		
58	34.6	40.5	60.7#
57	30.8	14.2	21.4#
100	7.8	7.5	11.3



#63
1,4-Dichlorobenzene
Concen: 0.062 ug/L
RT: 13.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: VR026276.D
Acq: 17 Dec 2018 22:31

Tgt Ion:	146	Resp:	2592
Ion	Ratio	Lower	Upper
146	100		
111	62.4	29.0	53.9#
148	66.2	46.7	86.7





#69

Naphthalene

Concen: 0.124 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VR026276.D

Acq: 17 Dec 2018 22:31

Instrument :

MSVOA_R

ClientSampleId :

BF028

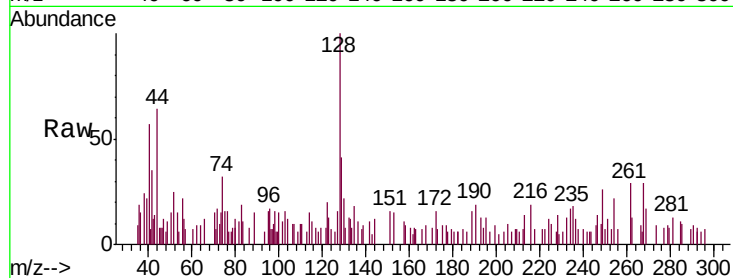
Tgt Ion:128 Resp: 1498

Ion Ratio Lower Upper

128 100

127 3.7 11.1 16.7#

129 25.6 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

