

Data File : VR026189.D
Acq On : 6 Nov 2018 12:51
Operator : SY/MD
Sample : J5801-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D02

Quant Time: Nov 06 15:55:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	758263	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	624782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	263498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	241733	3.64	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	2.62	69	237091	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	3.61	63	503799	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	6.58	46	255619	46.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.84%
24) Chloroform-d	7.20	84	475473	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	7.90	65	196273	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	7.85	84	928659	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	8.90	67	234736	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	9.97	98	861859	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	10.23	79	64478	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	10.59	63	241758	61.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	106128	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	209719	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

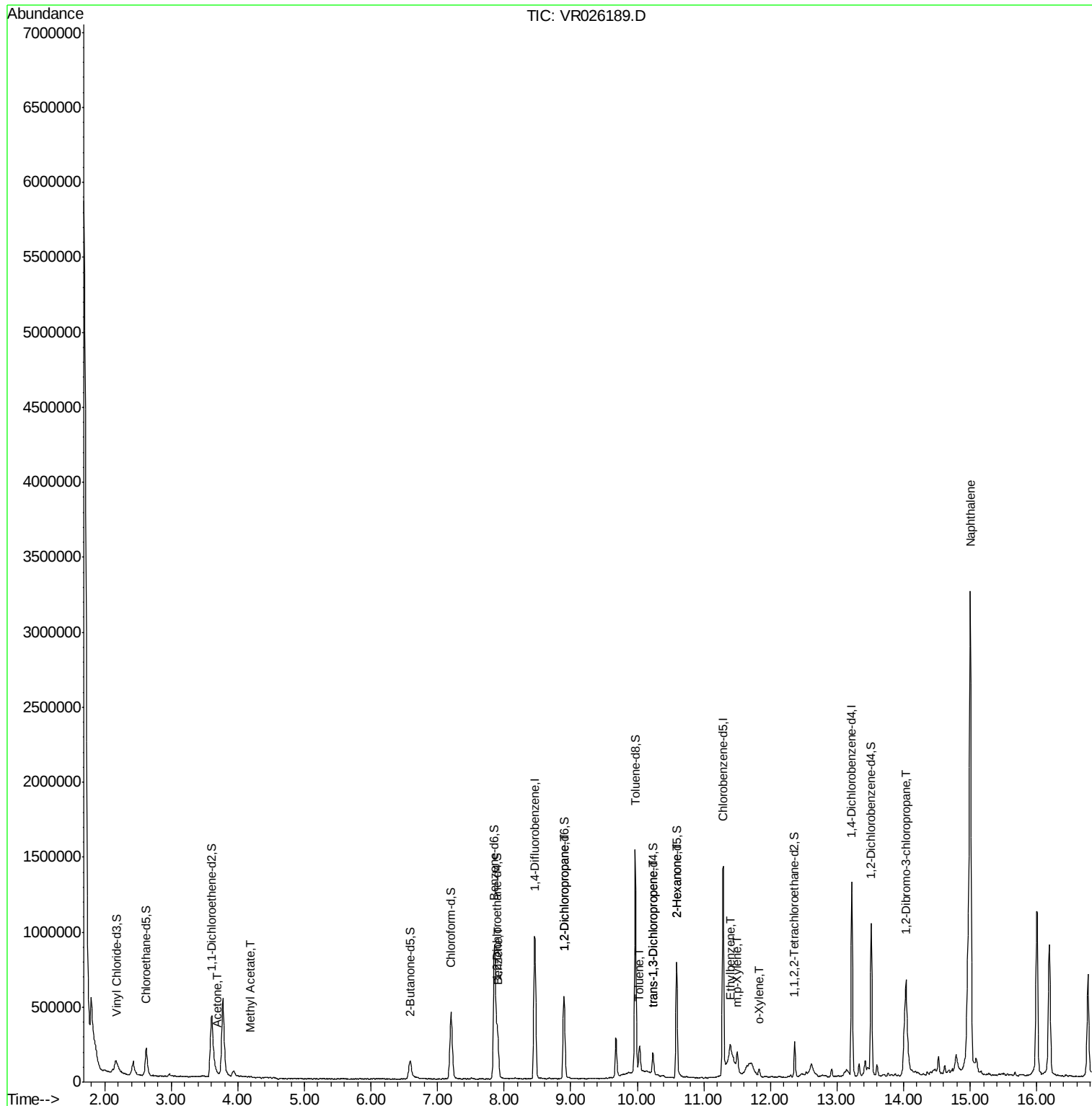
					Qvalue
13) Acetone	3.70	43	24847	4.412 ug/L	96
15) Methyl Acetate	4.19	43	2982	0.203 ug/L	99
33) Benzene	7.91	78	120597	0.514 ug/L	100
37) 1,2-Dichloropropane	8.89	63	30626	0.619 ug/L #	93
42) Toluene	10.04	91	109929	0.444 ug/L	96
44) trans-1,3-Dichloropropene	10.23	75	5866	0.148 ug/L #	29
48) 2-Hexanone	10.59	43	36911	3.741 ug/L #	68
52) Ethylbenzene	11.39	91	41999	0.148 ug/L	99
53) m,p-Xylene	11.50	106	31567	0.305 ug/L	99
54) o-Xylene	11.83	106	11291	0.119 ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.03	75	45865	16.023 ug/L #	3
69) Naphthalene	15.00	128	3517755	116.363 ug/L	98

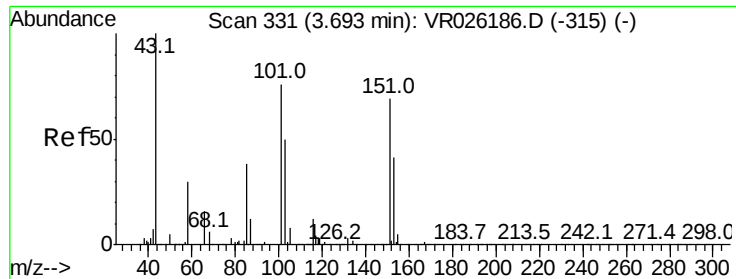
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR026189.D
Acq On : 6 Nov 2018 12:51
Operator : SY/MD
Sample : J5801-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D02

Quant Time: Nov 06 15:55:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.412 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

Lab File: VR026189.D

Acq: 6 Nov 2018 12:51

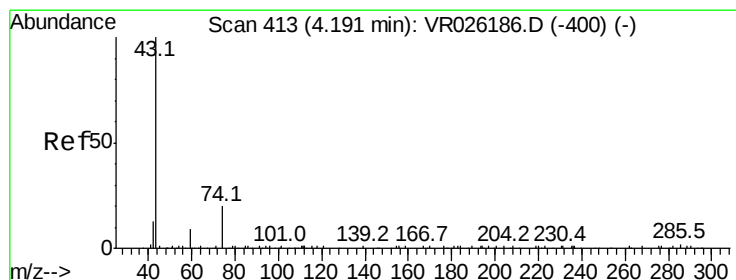
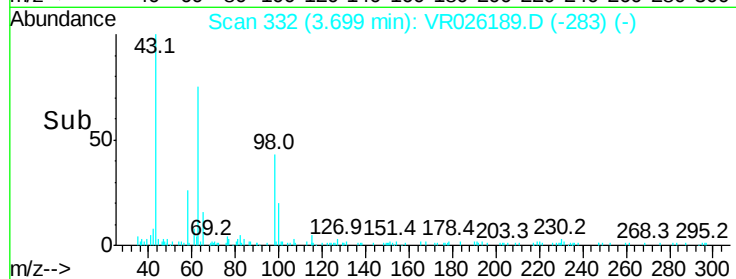
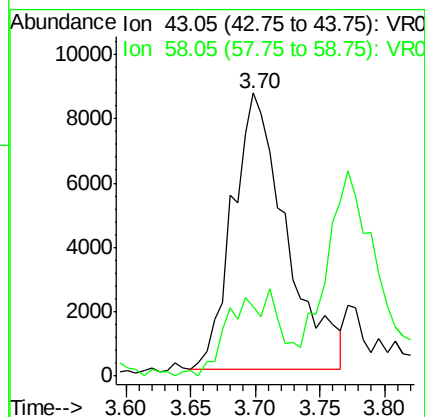
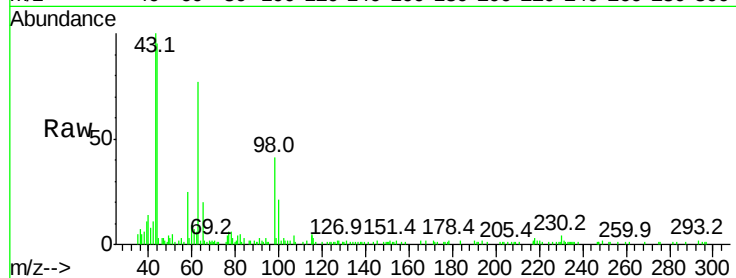
Instrument :
MSVOA_R
ClientSampleId :
F9D02

Tgt Ion: 43 Resp: 24847

Ion Ratio Lower Upper

43 100

58 30.0 0.0 55.4



#15

Methyl Acetate

Concen: 0.203 ug/L

RT: 4.19 min Scan# 413

Delta R.T. -0.00 min

Lab File: VR026189.D

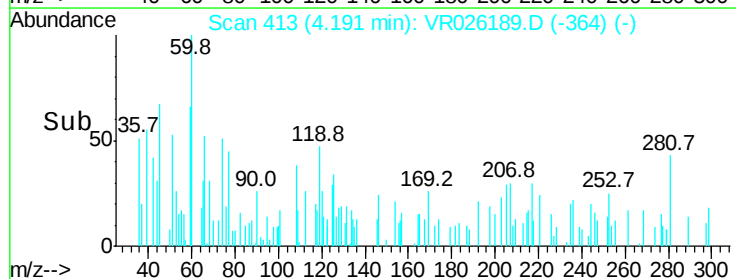
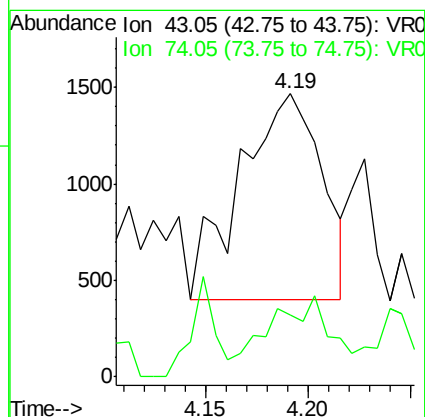
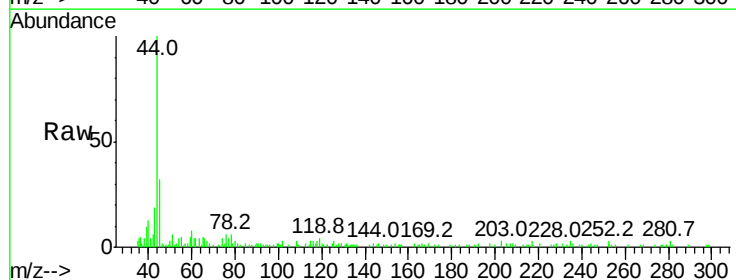
Acq: 6 Nov 2018 12:51

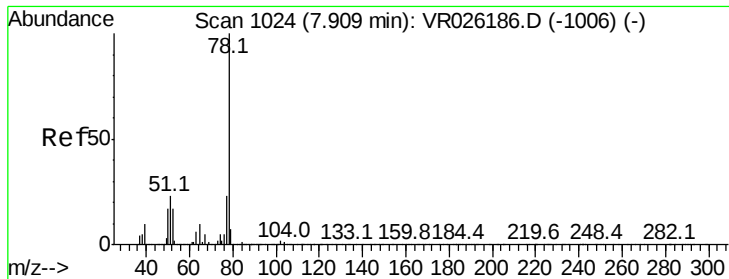
Tgt Ion: 43 Resp: 2982

Ion Ratio Lower Upper

43 100

74 25.1 19.8 29.8





#33

Benzene

Concen: 0.514 ug/L

RT: 7.91 min Scan# 1024

Delta R.T. -0.00 min

Lab File: VR026189.D

Acq: 6 Nov 2018 12:51

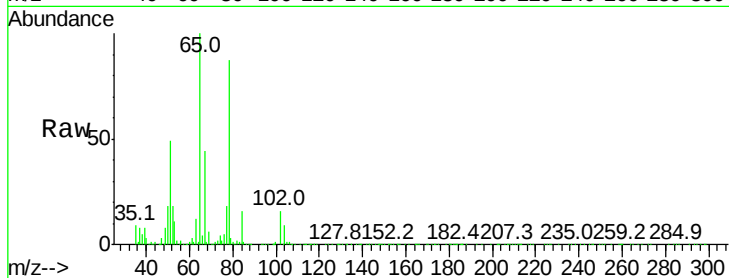
Instrument :

MSVOA_R

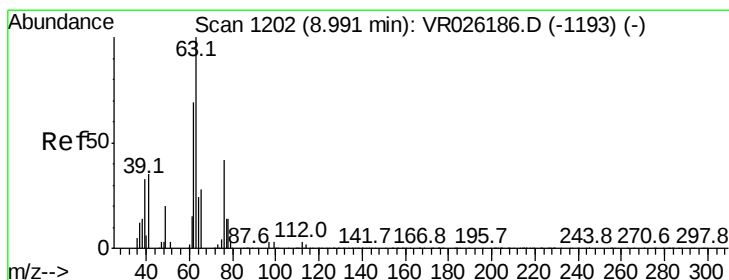
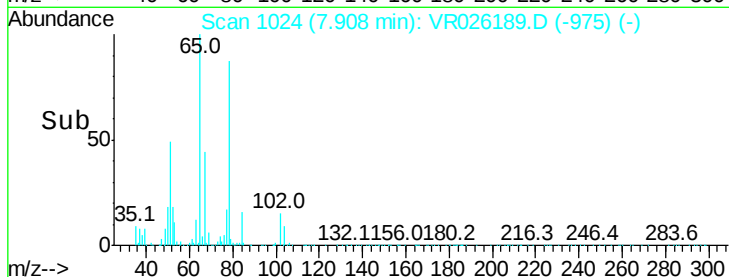
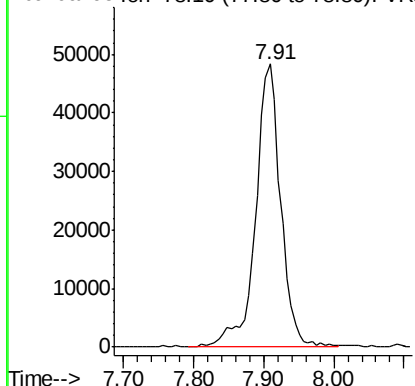
ClientSampleId :

F9D02

Tgt Ion: 78 Resp: 120597



Abundance Ion 78.10 (77.80 to 78.80): VR0



#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026189.D

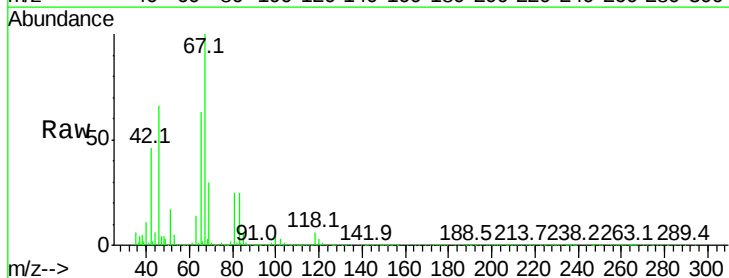
Acq: 6 Nov 2018 12:51

Tgt Ion: 63 Resp: 30626

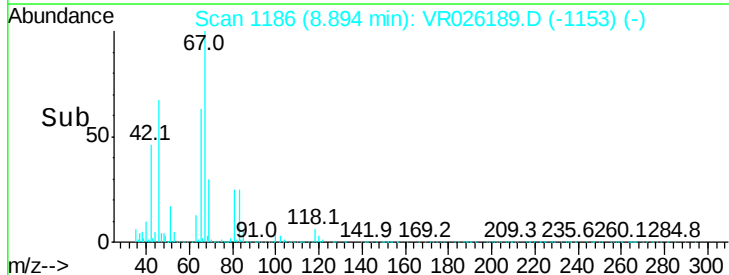
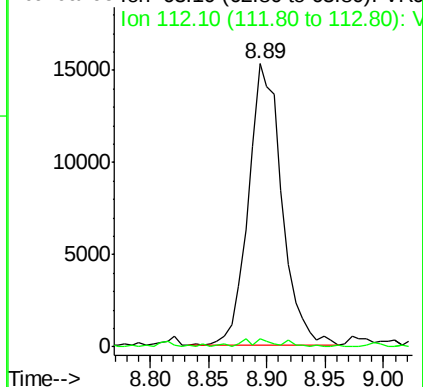
Ion Ratio Lower Upper

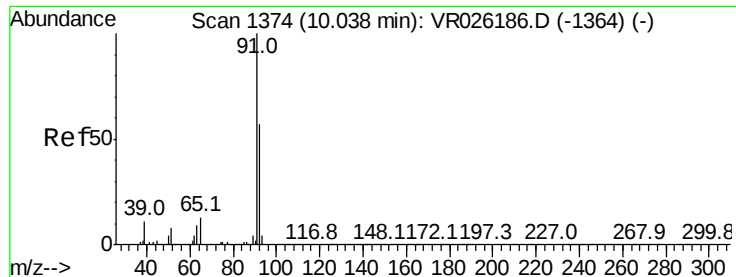
63 100

112 1.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VR0





#42

Toluene

Concen: 0.444 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. -0.00 min

Lab File: VR026189.D

Acq: 6 Nov 2018 12:51

Instrument :

MSVOA_R

ClientSampled :

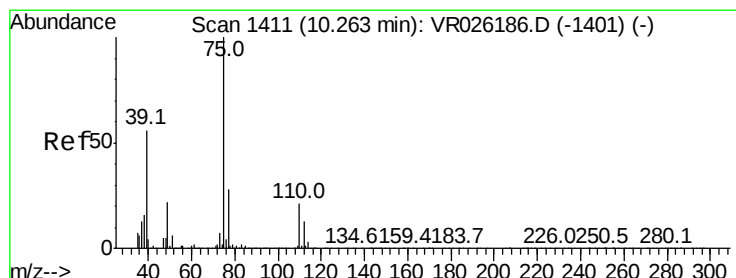
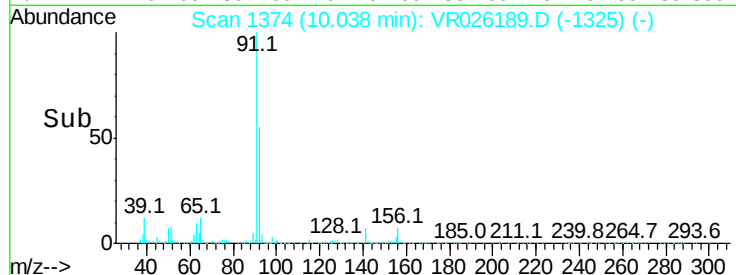
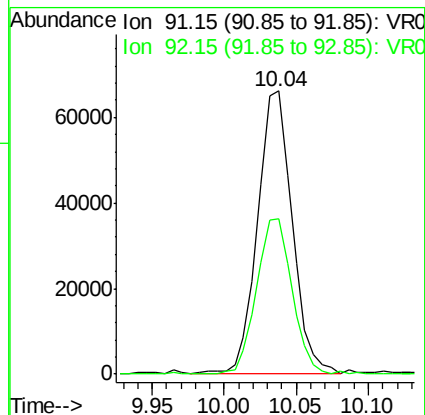
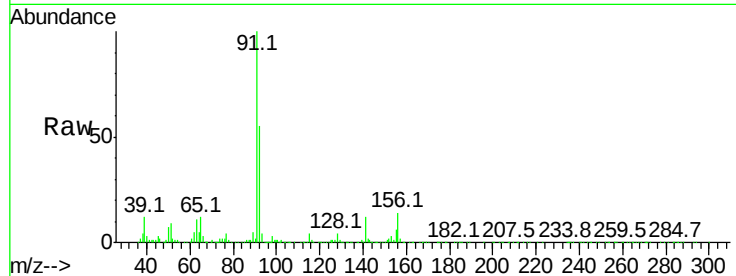
F9D02

Tgt Ion: 91 Resp: 109929

Ion Ratio Lower Upper

91 100

92 55.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.148 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026189.D

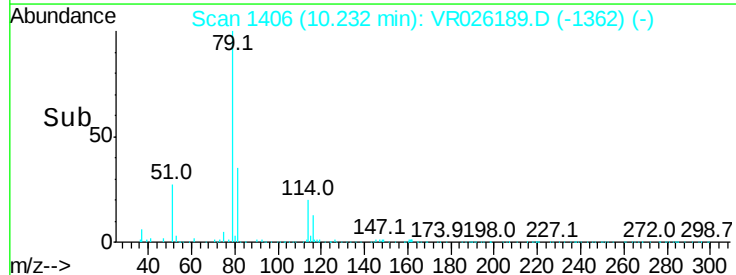
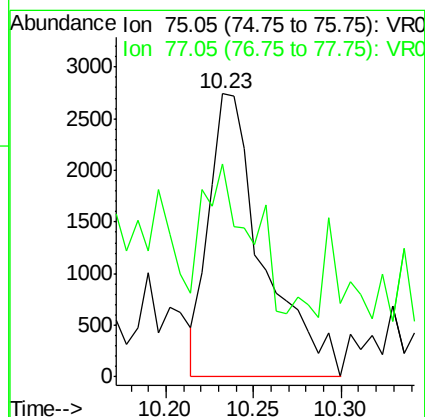
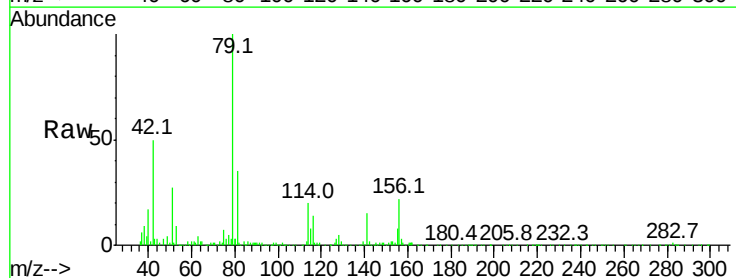
Acq: 6 Nov 2018 12:51

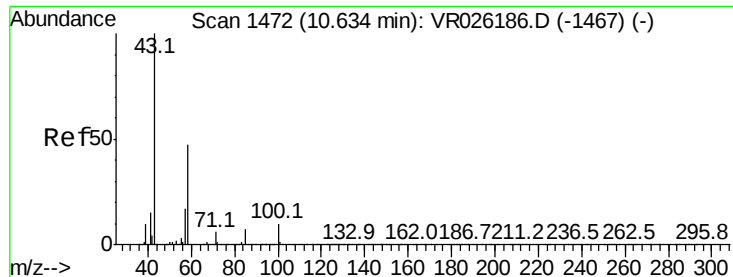
Tgt Ion: 75 Resp: 5866

Ion Ratio Lower Upper

75 100

77 75.3 24.1 44.7#

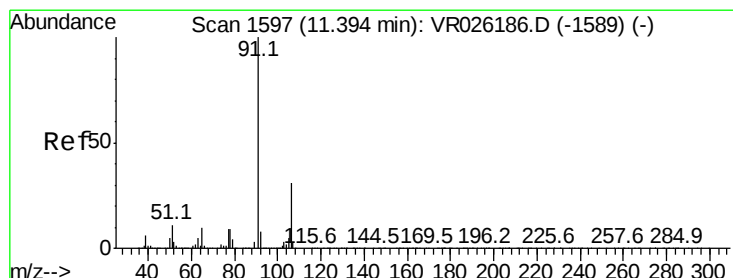
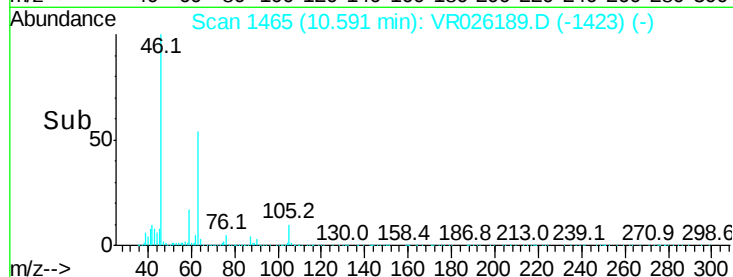
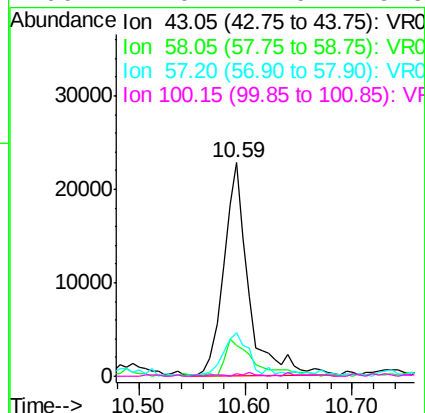
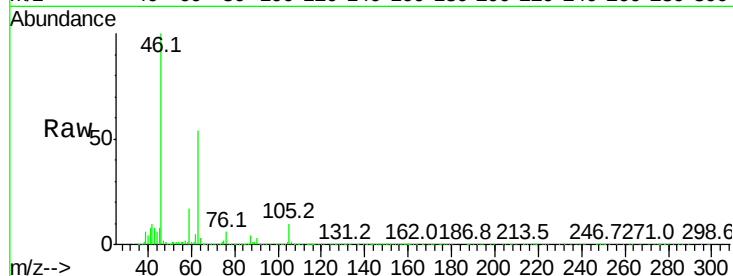




#48
2-Hexanone
Concen: 3.741 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026189.D
Acq: 6 Nov 2018 12:51

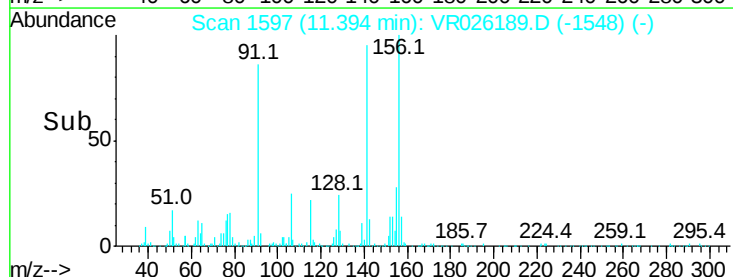
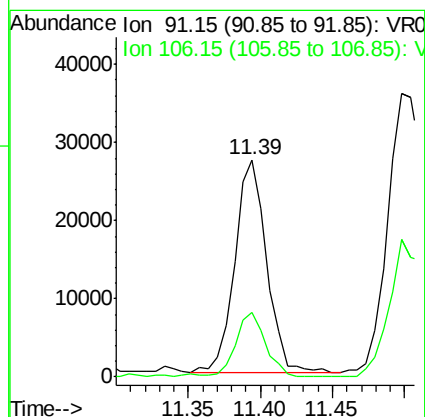
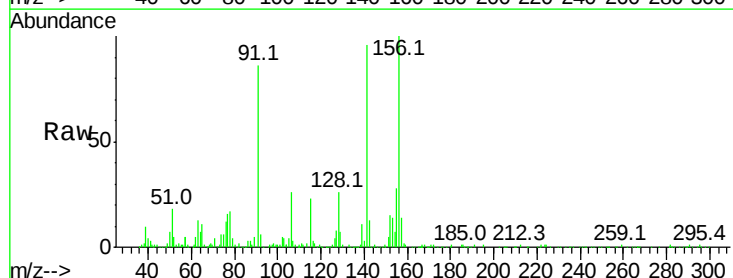
Instrument :
MSVOA_R
ClientSampleId :
F9D02

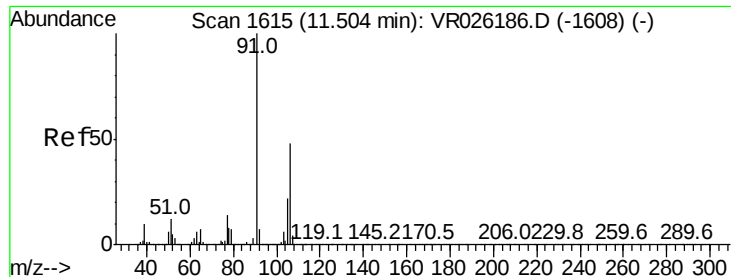
Tgt Ion:	43	Resp:	36911
Ion	Ratio	Lower	Upper
43	100		
58	20.8	39.6	59.4#
57	20.7	14.0	21.0
100	1.0	7.0	10.6#



#52
Ethylbenzene
Concen: 0.148 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VR026189.D
Acq: 6 Nov 2018 12:51

Tgt Ion:	91	Resp:	41999
Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.2	39.4





#53

m,p-Xylene

Concen: 0.305 ug/L

RT: 11.50 min Scan# 1614

Delta R.T. -0.01 min

Lab File: VR026189.D

Acq: 6 Nov 2018 12:51

Instrument :

MSVOA_R

ClientSampleId :

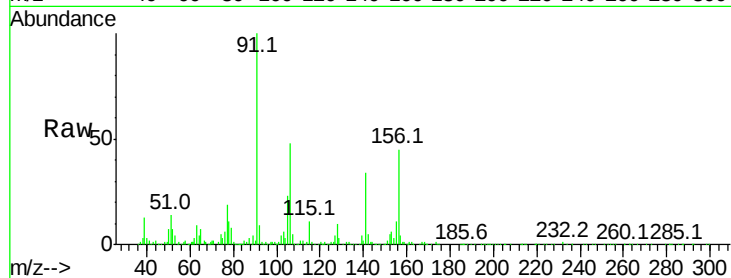
F9D02

Tgt Ion:106 Resp: 31567

Ion Ratio Lower Upper

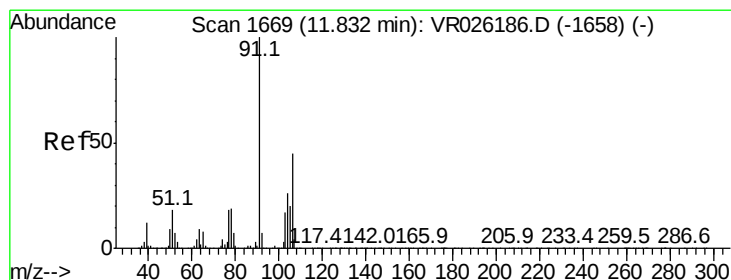
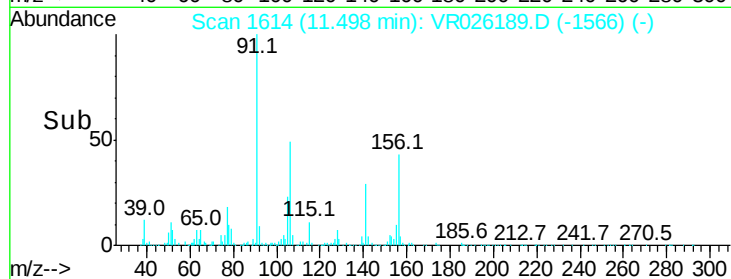
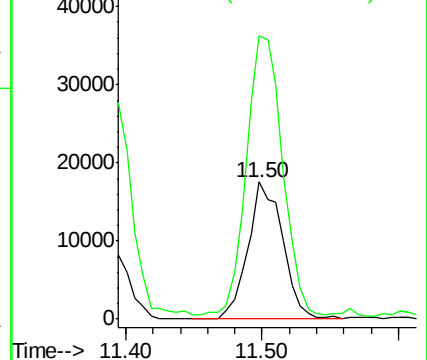
106 100

91 206.5 145.3 269.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#54

o-Xylene

Concen: 0.119 ug/L

RT: 11.83 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VR026189.D

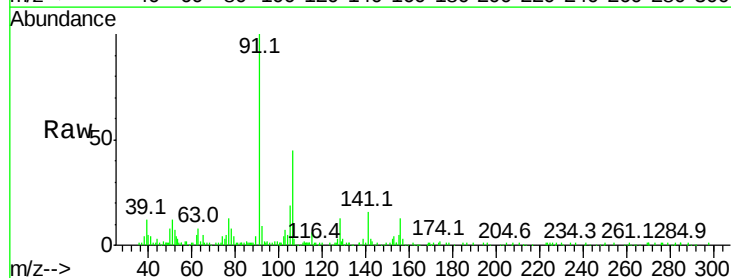
Acq: 6 Nov 2018 12:51

Tgt Ion:106 Resp: 11291

Ion Ratio Lower Upper

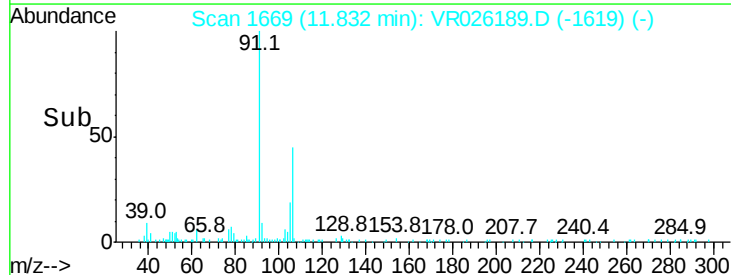
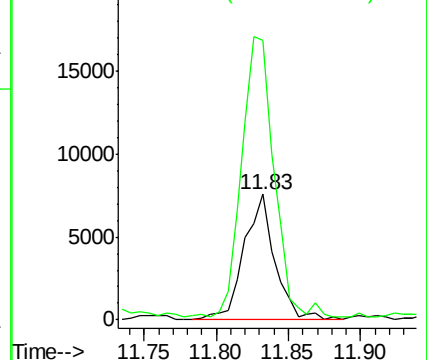
106 100

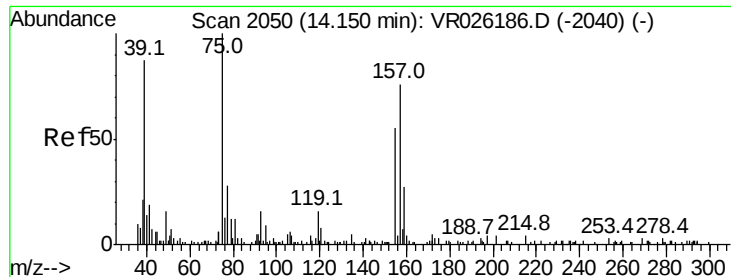
91 223.1 155.8 289.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0

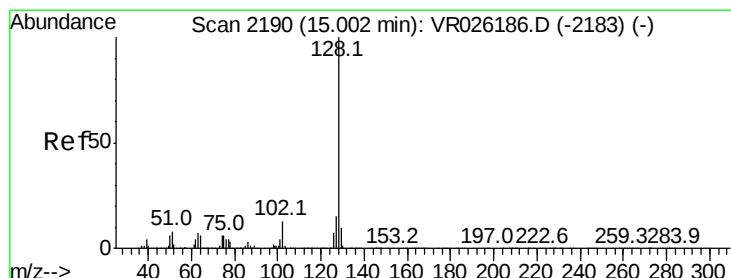
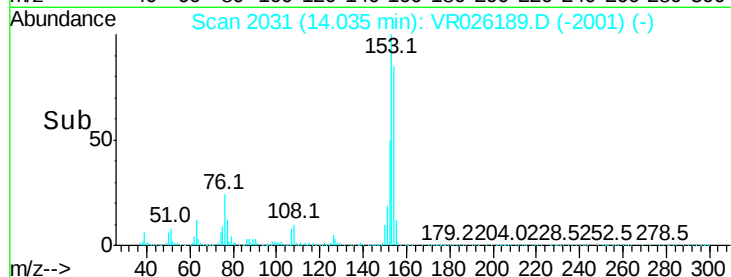
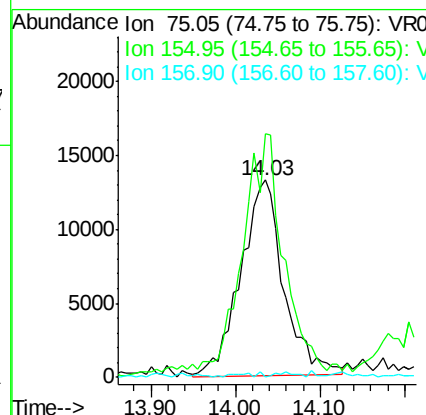
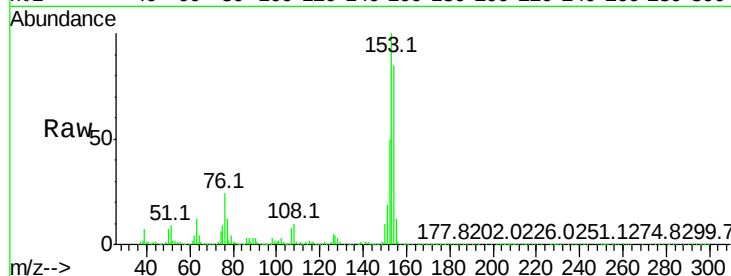




#66
1,2-Dibromo-3-chloropropane
Concen: 16.023 ug/L
RT: 14.03 min Scan# 2031
Delta R.T. -0.12 min
Lab File: VR026189.D
Acq: 6 Nov 2018 12:51

Instrument :
MSVOA_R
ClientSampleId :
F9D02

Tgt Ion: 75 Resp: 45865
Ion Ratio Lower Upper
75 100
155 123.7 40.9 61.3#
157 0.5 67.3 100.9#



#69
Naphthalene
Concen: 116.363 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VR026189.D
Acq: 6 Nov 2018 12:51

Tgt Ion: 128 Resp: 3517755
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.6
129 10.8 9.1 13.7

