

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040419\
 Data File : VR026443.D
 Acq On : 4 Apr 2019 13:09
 Operator : SY/MD
 Sample : K2248-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Apr 05 07:21:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 05 07:16:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	452815	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	375095	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	114787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	197763	5.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.00%
7) Chloroethane-d5	2.62	69	158321	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	3.60	63	366631	4.12	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	6.59	46	160580	52.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	7.20	84	332068	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	7.89	65	141485	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	7.85	84	603432	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	8.90	67	159513	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	9.97	98	558744	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	10.24	79	37858	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	10.59	63	125655	56.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.80%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59560	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	107889	6.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.20%#

Target Compounds

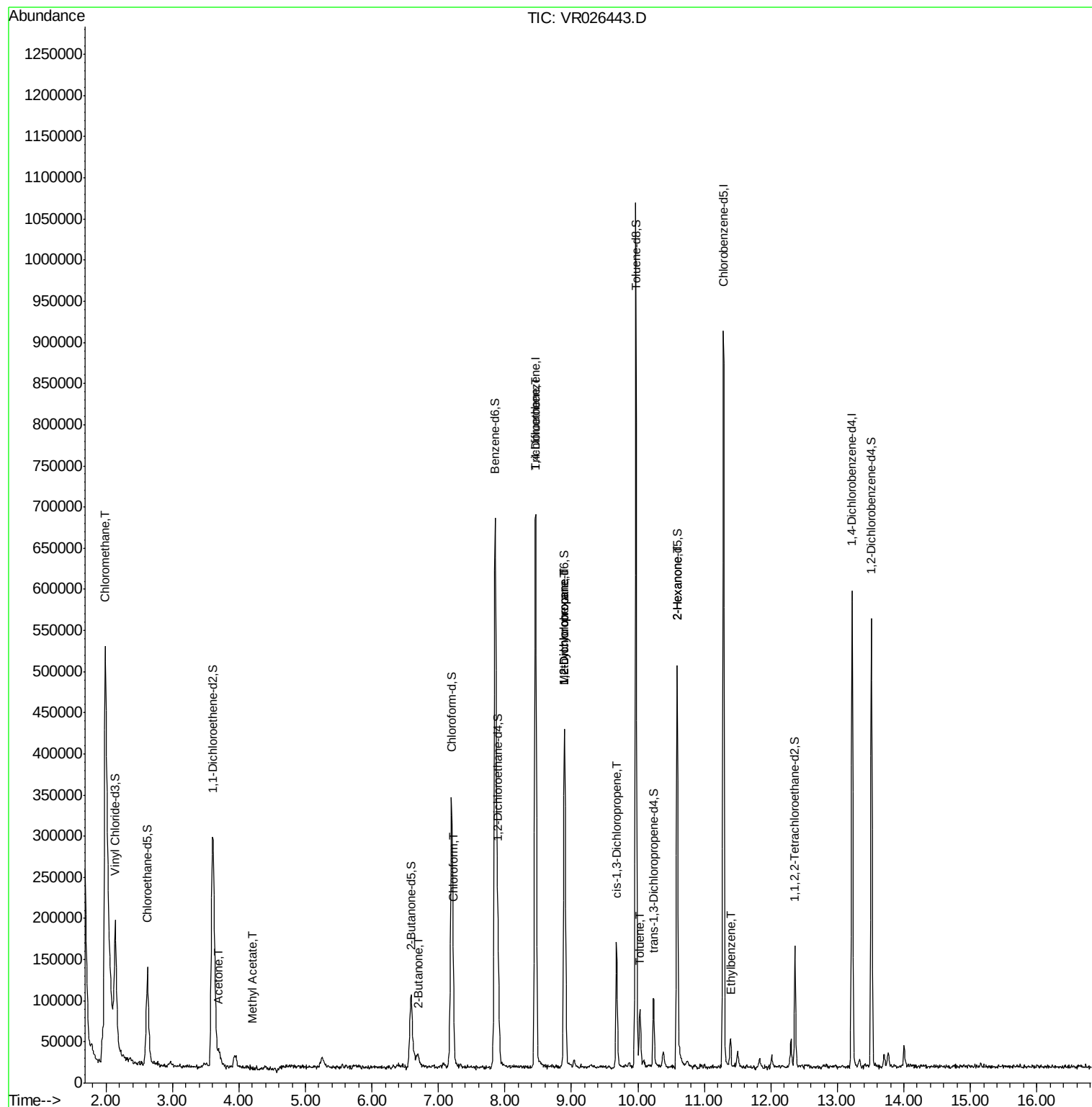
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.00	50	11937	0.244	ug/L #	76
13) Acetone	3.69	43	33361	10.762	ug/L	96
15) Methyl Acetate	4.20	43	704	0.084	ug/L #	72
21) 2-Butanone	6.69	43	7775	1.951	ug/L	91
25) Chloroform	7.23	83	7518	0.112	ug/L	83
34) Trichloroethene	8.46	95	16647	0.424	ug/L #	13
35) Methylcyclohexane	8.90	83	38141	0.681	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	21703	0.676	ug/L #	92
39) cis-1,3-Dichloropropene	9.68	75	5063	0.145	ug/L #	72
42) Toluene	10.03	91	41124	0.274	ug/L	90
48) 2-Hexanone	10.59	43	21662	3.460	ug/L #	74
52) Ethylbenzene	11.39	91	17534	0.101	ug/L	97

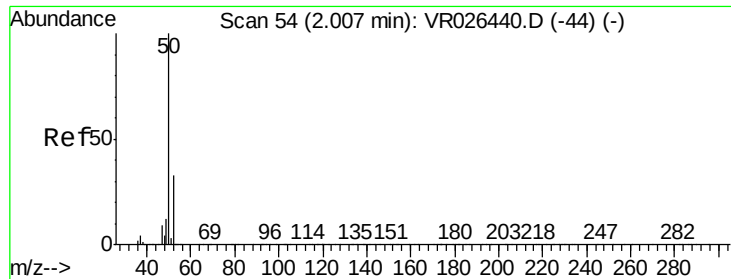
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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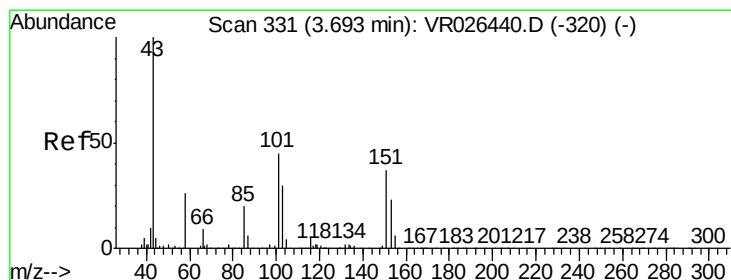
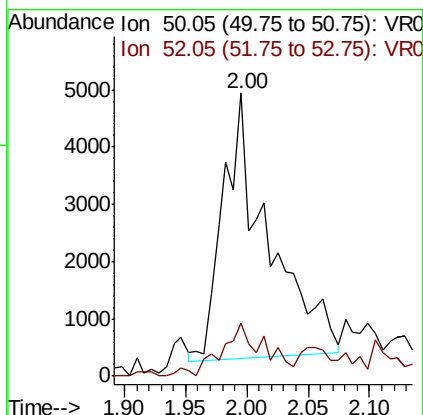
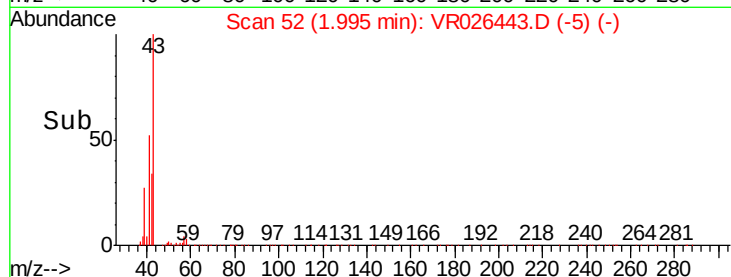
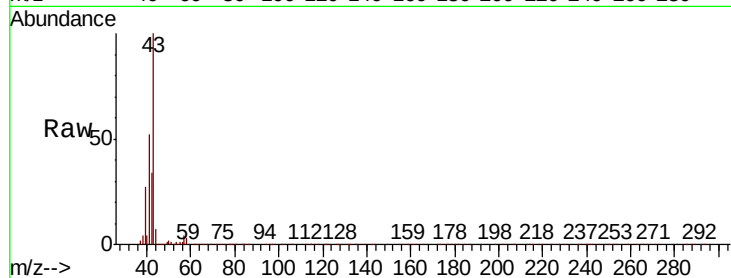




#3
Chloromethane
Concen: 0.244 ug/L
RT: 2.00 min Scan# 52
Delta R.T. -0.01 min
Lab File: VR026443.D
Acq: 4 Apr 2019 13:09

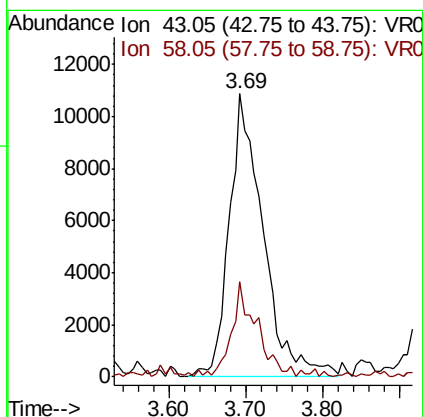
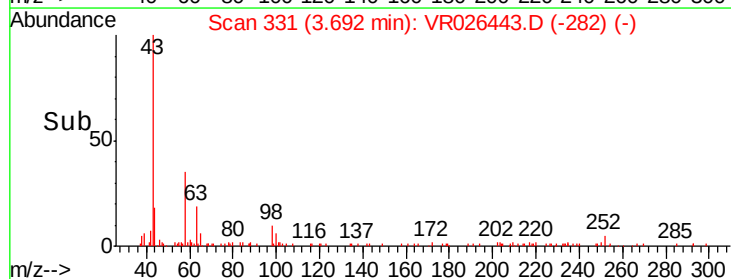
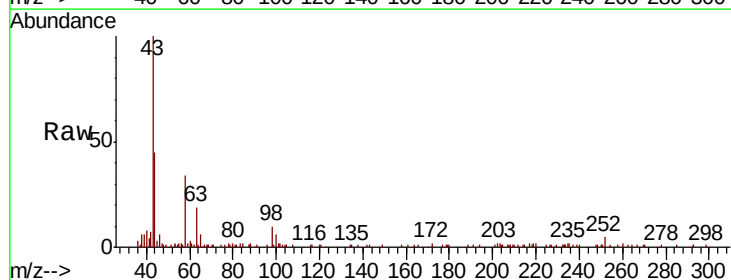
Instrument :
MSVOA_R
ClientSampleId :

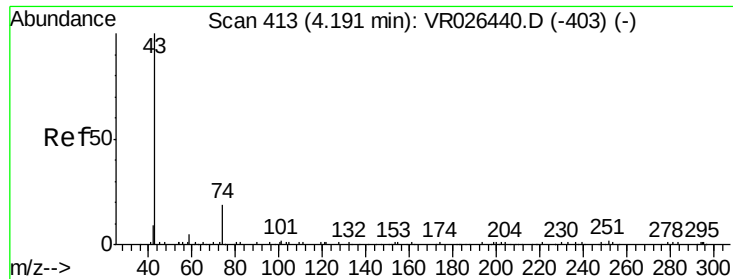
Tot Ion: 50 Resp: 11937
Ion Ratio Lower Upper
50 100
52 18.7 22.5 41.9#



#13
Acetone
Concen: 10.762 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.00 min
Lab File: VR026443.D
Acq: 4 Apr 2019 13:09

Tgt Ion: 43 Resp: 33361
Ion Ratio Lower Upper
43 100
58 24.7 0.0 53.8

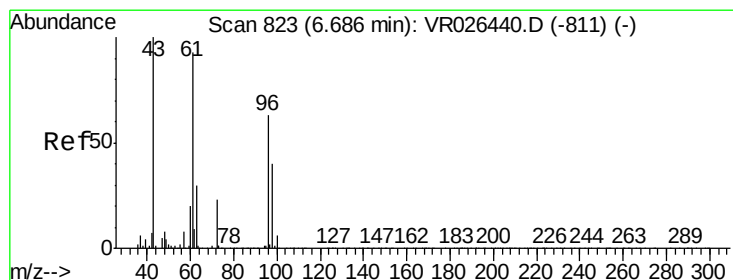
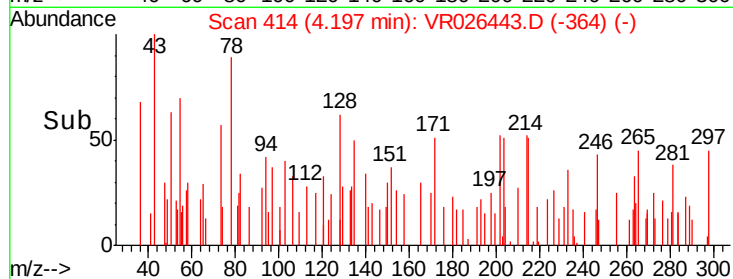
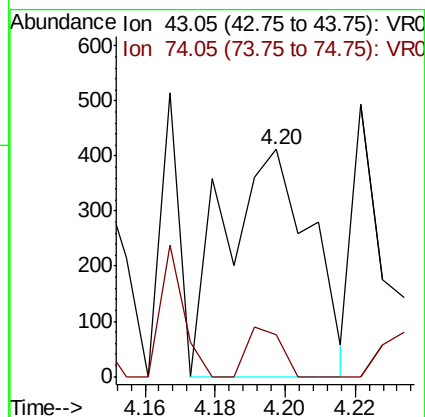
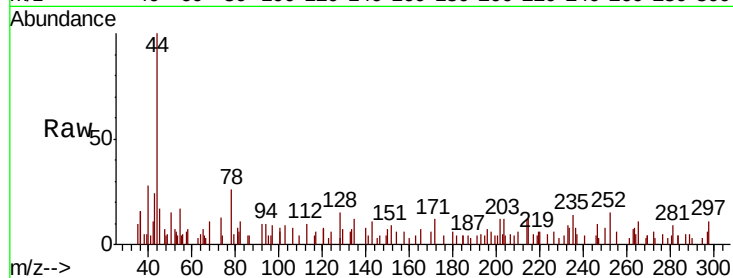




#15
Methyl Acetate
Concen: 0.084 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR026443.D
Acq: 4 Apr 2019 13:09

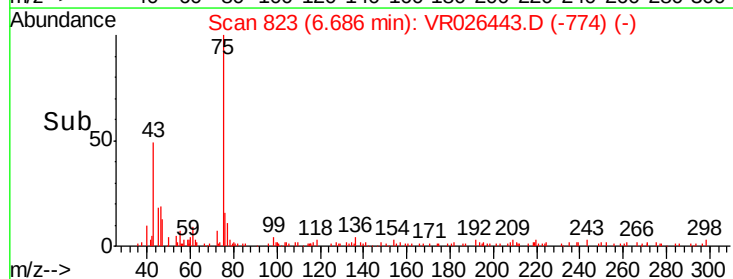
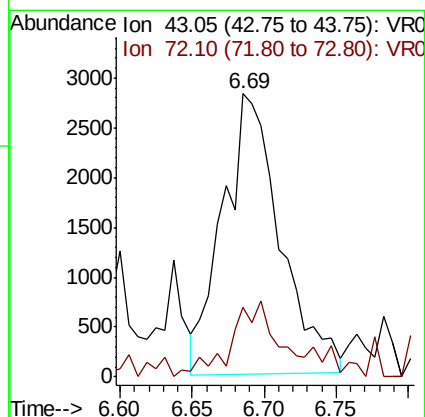
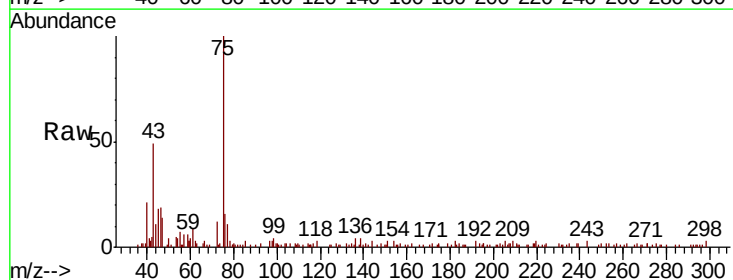
Instrument :
MSVOA_R
ClientSampled :

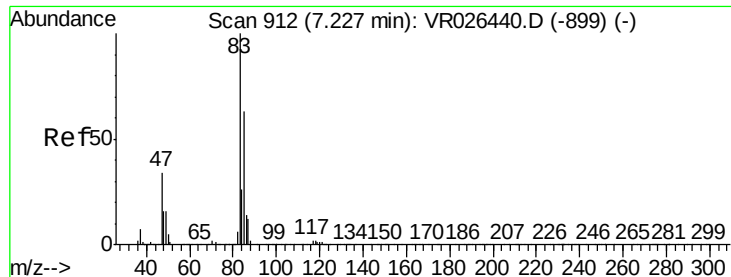
Tot Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
74 8.5 17.5 26.3#



#21
2-Butanone
Concen: 1.951 ug/L
RT: 6.69 min Scan# 823
Delta R.T. -0.00 min
Lab File: VR026443.D
Acq: 4 Apr 2019 13:09

Tgt Ion: 43 Resp: 7775
Ion Ratio Lower Upper
43 100
72 18.0 11.1 33.3





#25

Chloroform

Concen: 0.112 ug/L

RT: 7.23 min Scan# 912

Delta R.T. -0.00 min

Lab File: VR026443.D

Acq: 4 Apr 2019 13:09

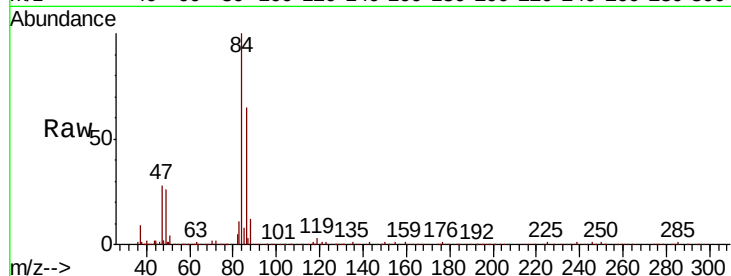
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 83 Resp: 7518

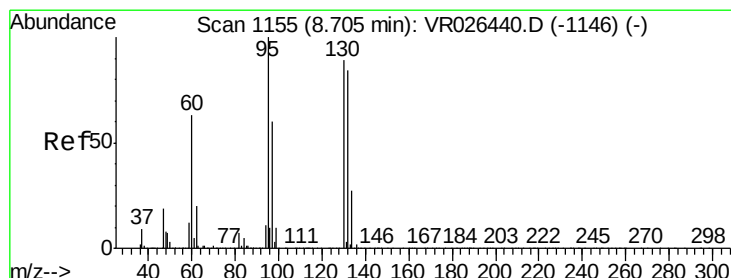
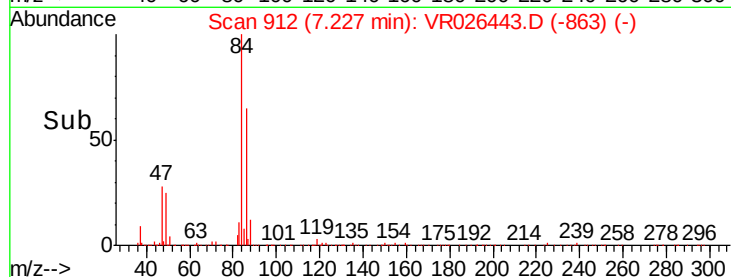
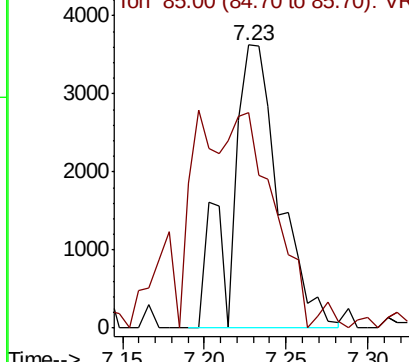
Ion Ratio Lower Upper

83 100

85 76.0 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VR0
Ion 85.00 (84.70 to 85.70): VR0



#34

Trichloroethene

Concen: 0.424 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026443.D

Acq: 4 Apr 2019 13:09

Tgt Ion: 95 Resp: 16647

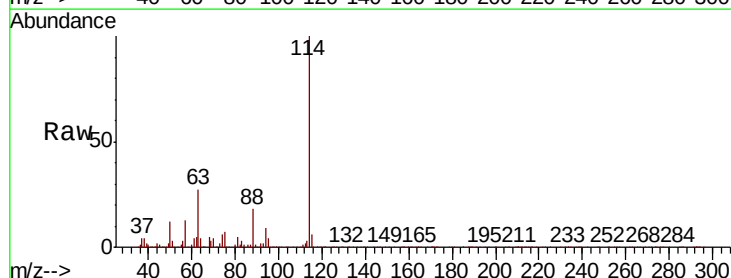
Ion Ratio Lower Upper

95 100

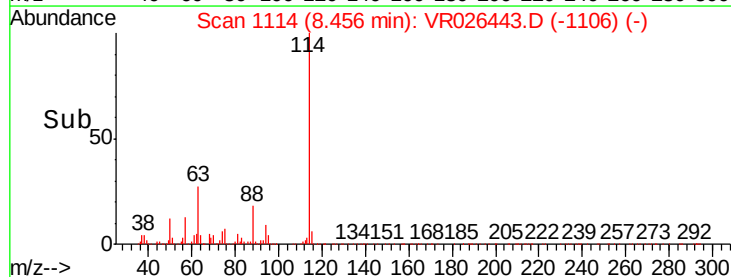
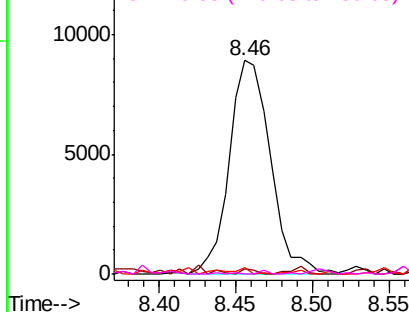
97 2.5 43.8 81.3#

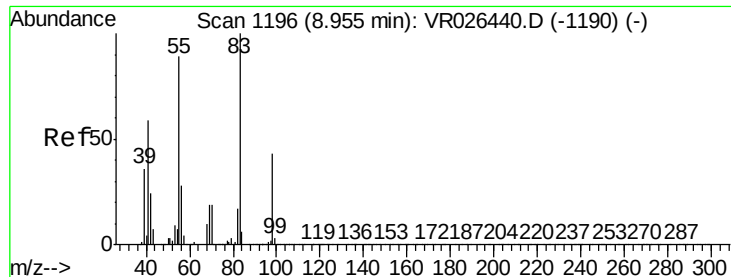
132 3.2 57.2 106.2#

130 0.0 59.7 110.9#



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: 0.681 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026443.D

Acq: 4 Apr 2019 13:09

Instrument :

MSVOA_R

ClientSampleId :

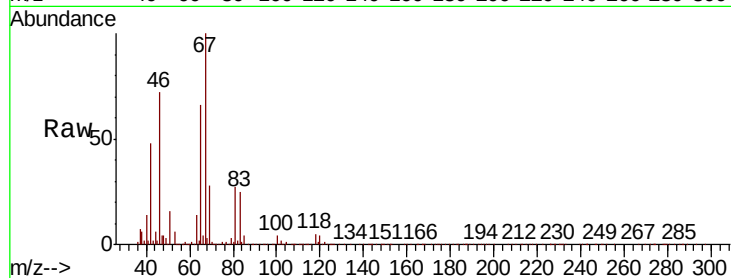
Tot Ion: 83 Resp: 38141

Ion Ratio Lower Upper

83 100

55 0.7 73.8 110.6#

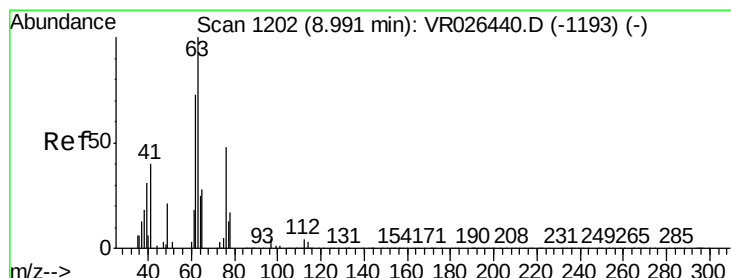
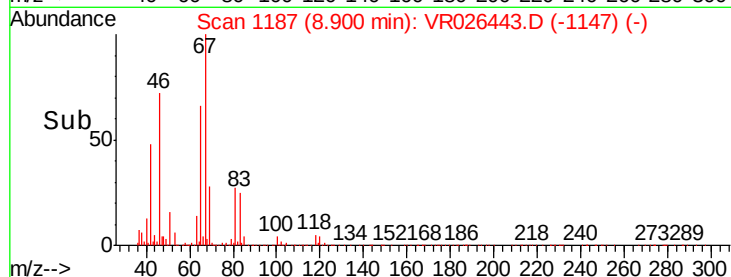
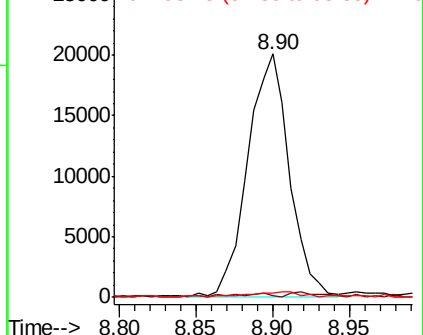
98 2.7 34.6 51.8#



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: 0.676 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

Lab File: VR026443.D

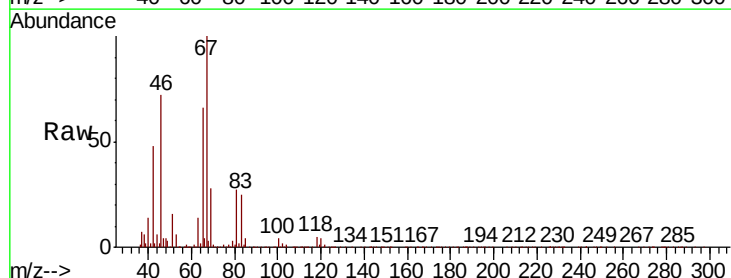
Acq: 4 Apr 2019 13:09

Tgt Ion: 63 Resp: 21703

Ion Ratio Lower Upper

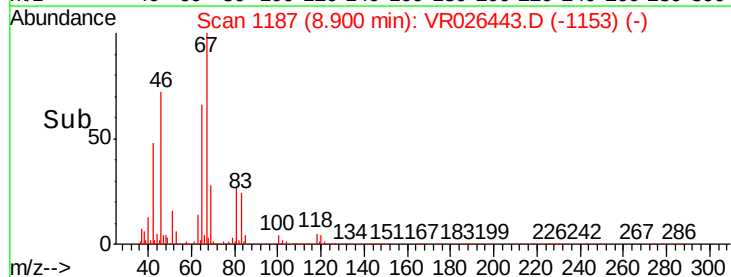
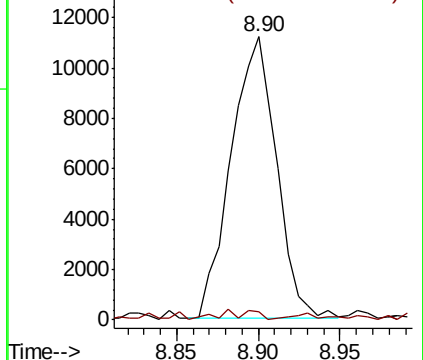
63 100

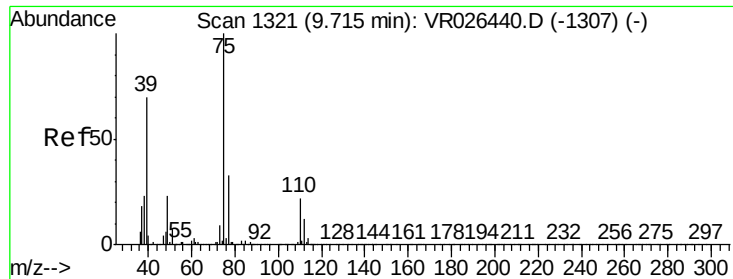
112 1.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

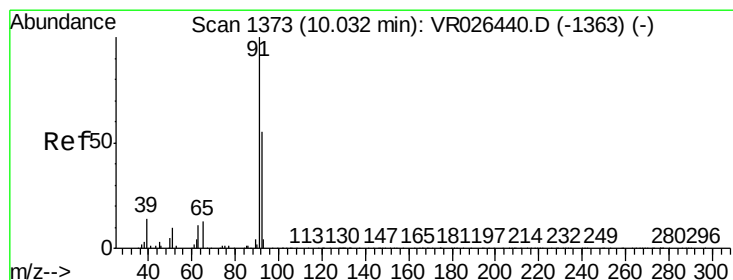
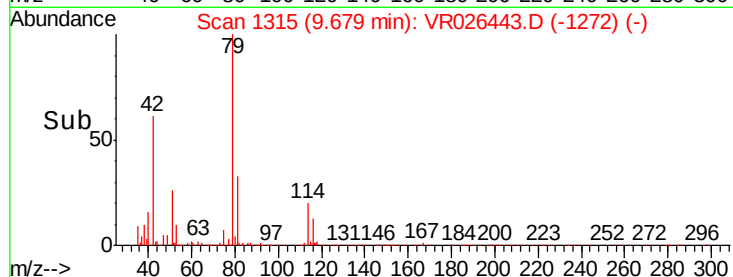
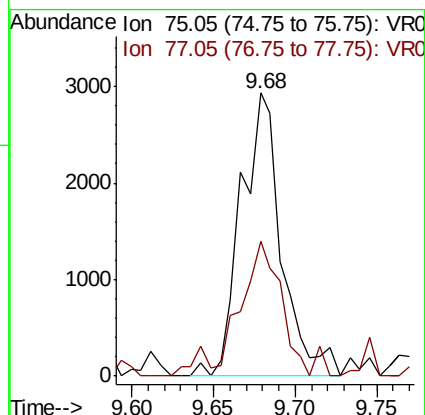
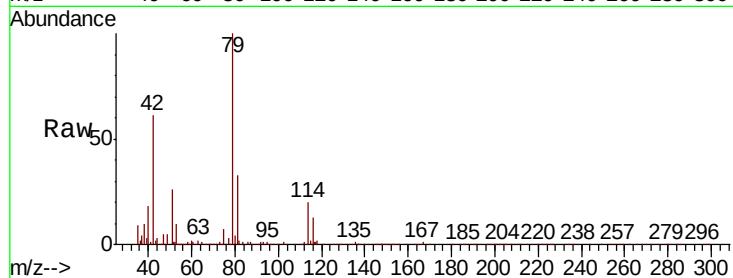




#39
 cis-1,3-Dichloropropene
 Concen: 0.145 ug/L
 RT: 9.68 min Scan# 1315
 Delta R.T. -0.04 min
 Lab File: VR026443.D
 Acq: 4 Apr 2019 13:09

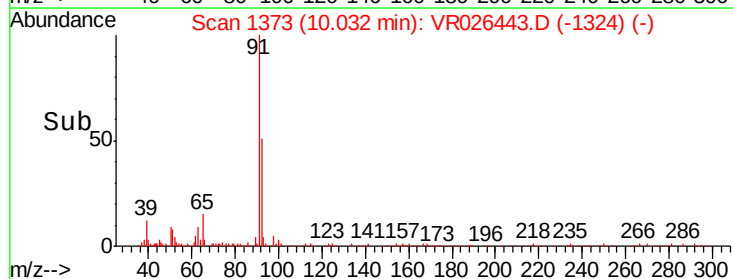
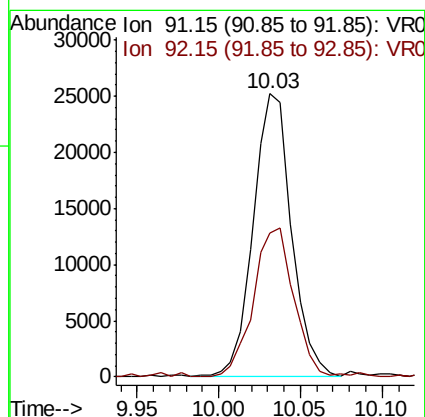
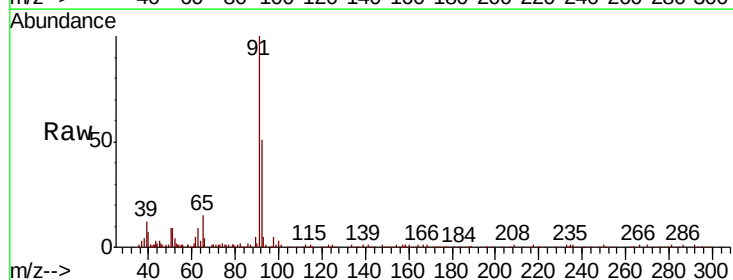
Instrument :
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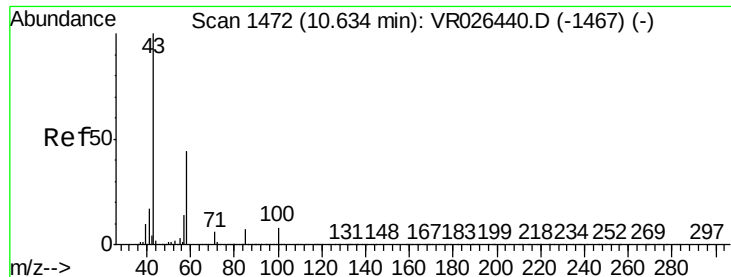
Tot Ion: 75 Resp: 5063
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.3 41.5#



#42
 Toluene
 Concen: 0.274 ug/L
 RT: 10.03 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: VR026443.D
 Acq: 4 Apr 2019 13:09

Tgt Ion: 91 Resp: 41124
 Ion Ratio Lower Upper
 91 100
 92 51.1 40.9 75.9

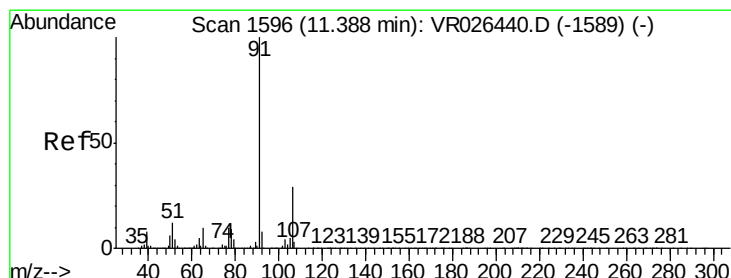
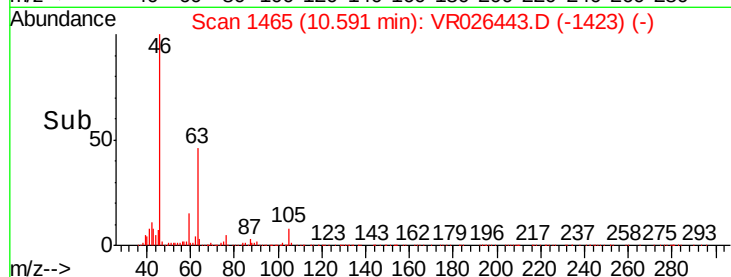
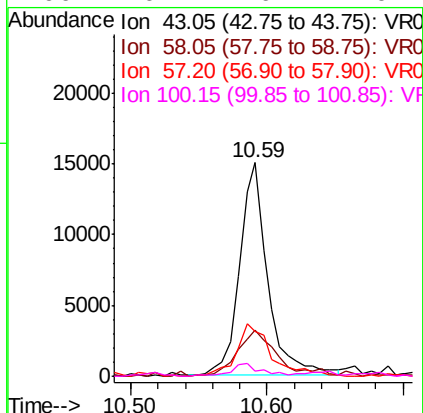
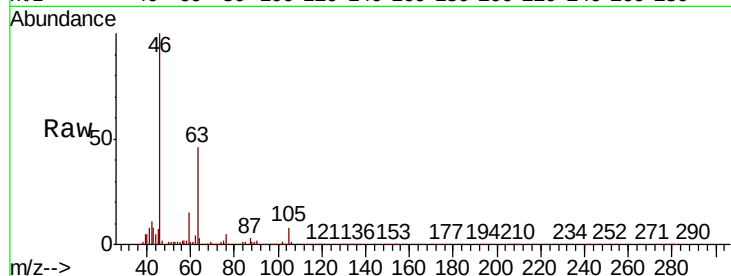




#48
2-Hexanone
Concen: 3.460 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026443.D
Acq: 4 Apr 2019 13:09

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 21662
Ion Ratio Lower Upper
43 100
58 29.1 38.2 57.2#
57 30.5 13.8 20.6#
100 6.4 6.2 9.2



#52
Ethylbenzene
Concen: 0.101 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VR026443.D
Acq: 4 Apr 2019 13:09

Tgt Ion: 91 Resp: 17534
Ion Ratio Lower Upper
91 100
106 31.3 20.7 38.5

