

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101119\
 Data File : VR026668.D
 Acq On : 11 Oct 2019 16:44
 Operator : SY/MD
 Sample : K5317-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 14 06:39:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 06:36:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	198582	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	160136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	63369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	58902	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	2.65	69	49331	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	3.65	63	103718	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	6.62	46	82393	48.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.36%
24) Chloroform-d	7.23	84	172719	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.91	65	62130	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	7.88	84	342923	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	8.92	67	88850	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	9.99	98	264954	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.26	79	19644	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	10.60	63	57754	47.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	40601	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	13.53	152	71478	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

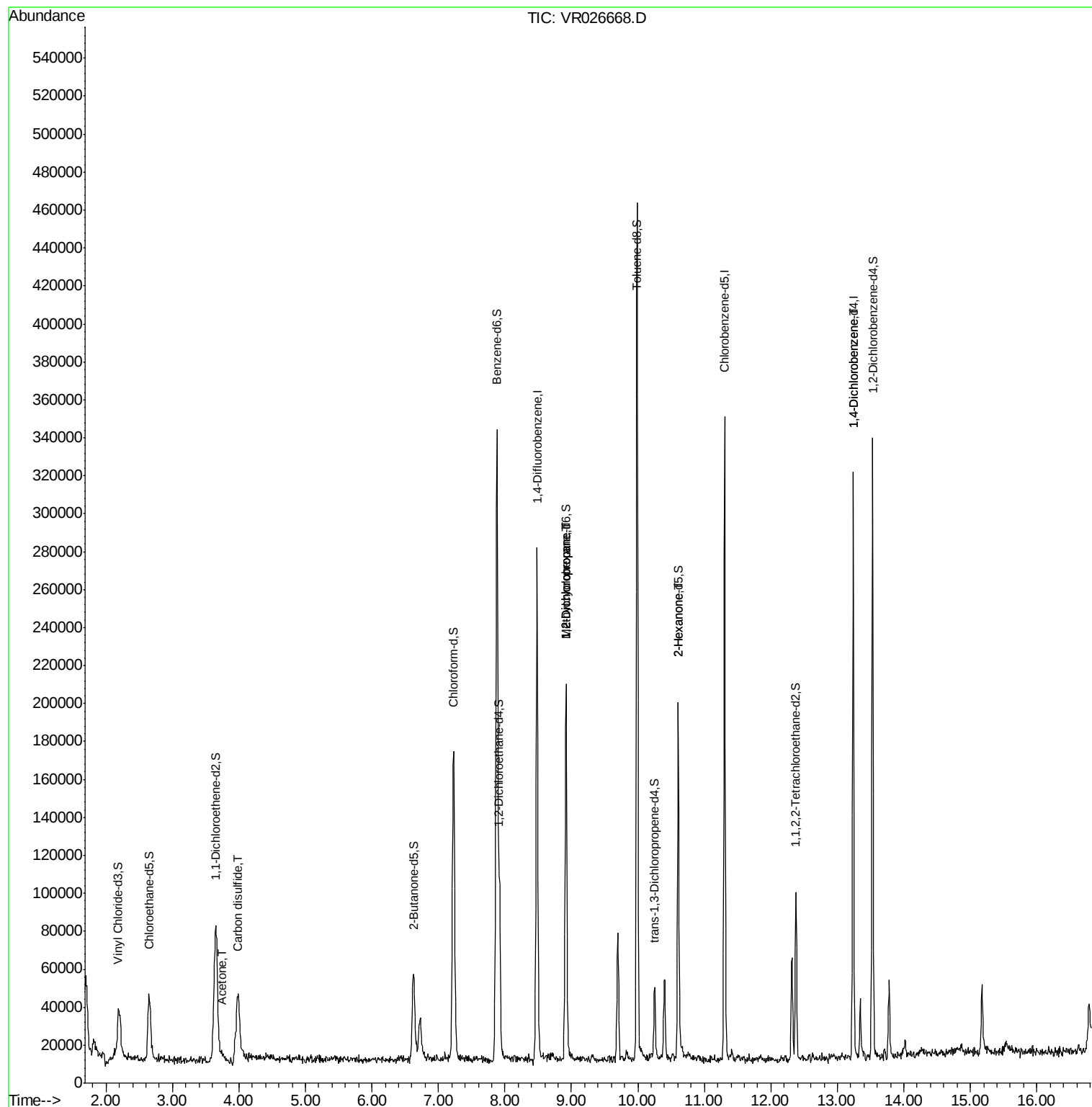
					Ovalue
13) Acetone	3.74	43	5928	5.363	ug/L 72
14) Carbon disulfide	3.98	76	90335	1.133	ug/L 96
35) Methylcyclohexane	8.92	83	22499	0.586	ug/L # 17
37) 1,2-Dichloropropane	8.92	63	9652	0.550	ug/L # 92
48) 2-Hexanone	10.61	43	9420	3.342	ug/L # 70
63) 1,4-Dichlorobenzene	13.24	146	1235	0.051	ug/L # 1

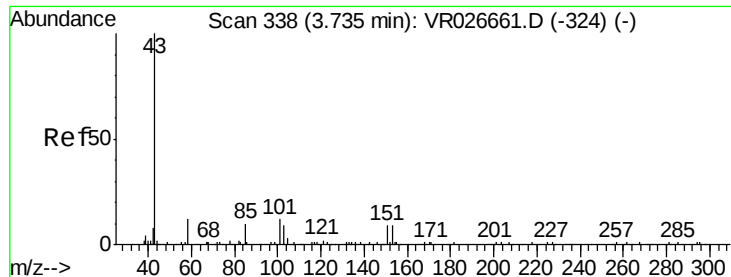
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.363 ug/L

RT: 3.74 min Scan# 338

Delta R.T. 0.01 min

Lab File: VR026668.D

Acq: 11 Oct 2019 16:44

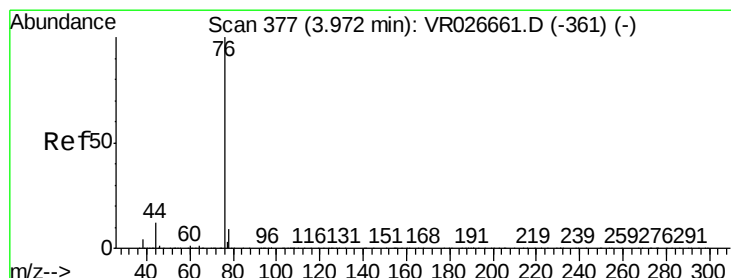
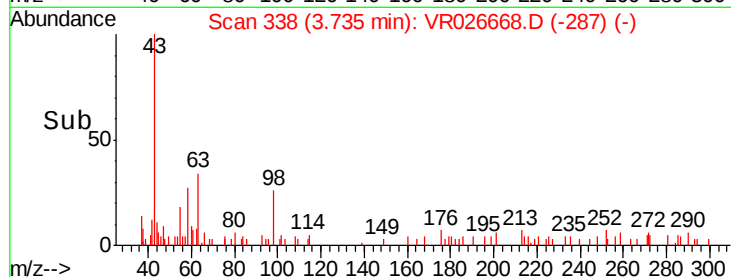
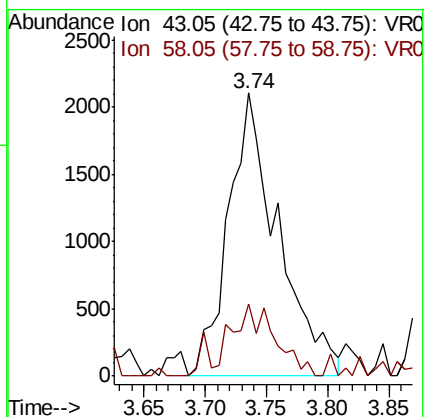
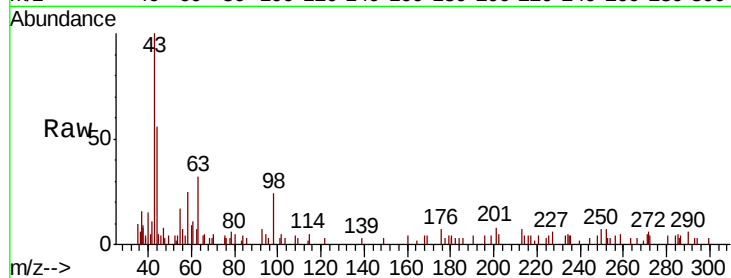
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 5928

Ion Ratio Lower Upper

43 100

58 22.1 0.0 22.8



#14

Carbon disulfide

Concen: 1.133 ug/L

RT: 3.98 min Scan# 378

Delta R.T. 0.01 min

Lab File: VR026668.D

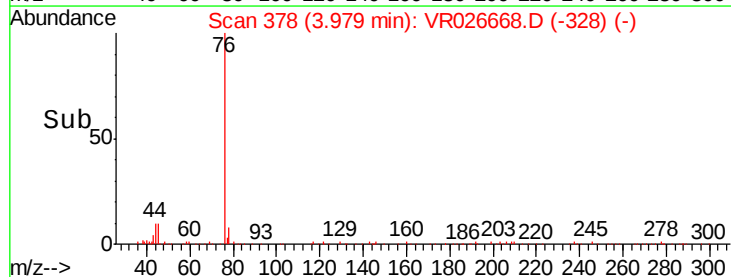
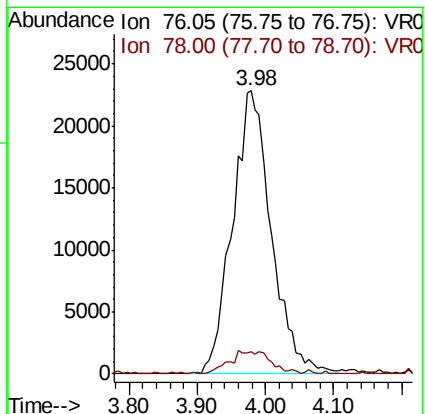
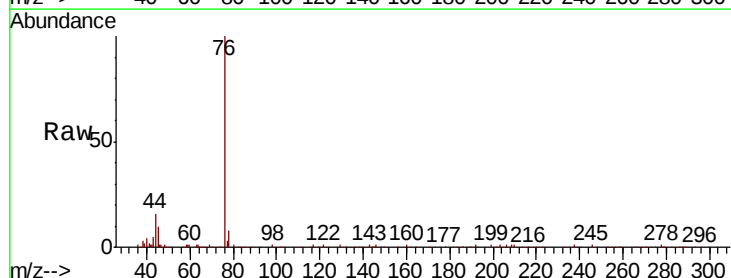
Acq: 11 Oct 2019 16:44

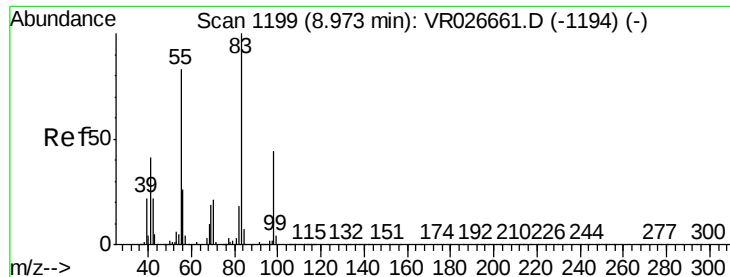
Tgt Ion: 76 Resp: 90335

Ion Ratio Lower Upper

76 100

78 7.8 7.3 10.9





#35

Methylcyclohexane

Concen: 0.586 ug/L

RT: 8.92 min Scan# 1190

Delta R.T. -0.05 min

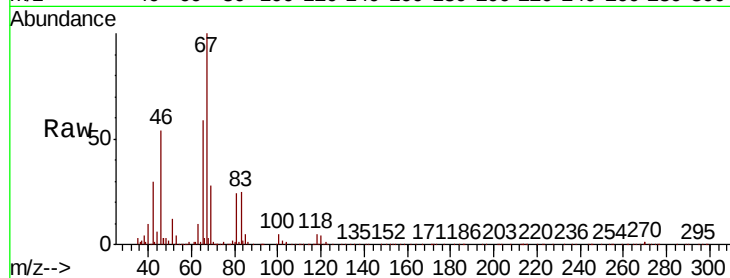
Lab File: VR026668.D

Acq: 11 Oct 2019 16:44

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 83 Resp: 22499

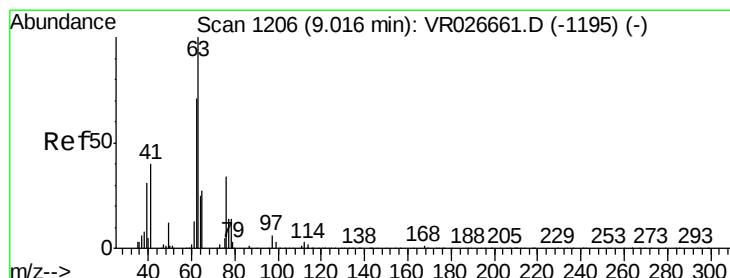
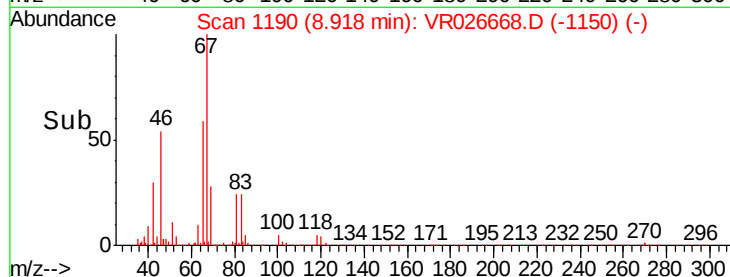
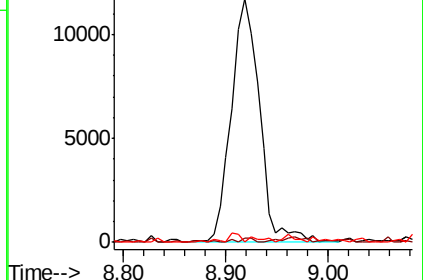
Ion	Ratio	Lower	Upper
83	100		
55	1.1	67.8	101.6#
98	1.8	35.0	52.4#



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: 0.550 ug/L

RT: 8.92 min Scan# 1190

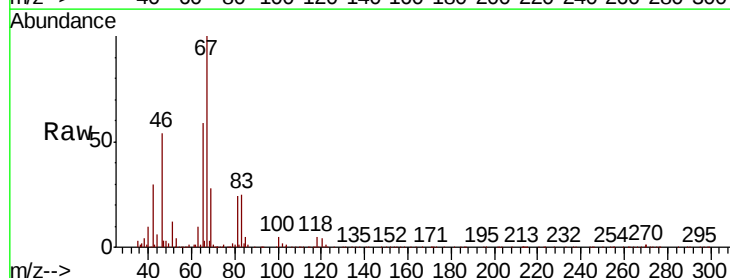
Delta R.T. -0.10 min

Lab File: VR026668.D

Acq: 11 Oct 2019 16:44

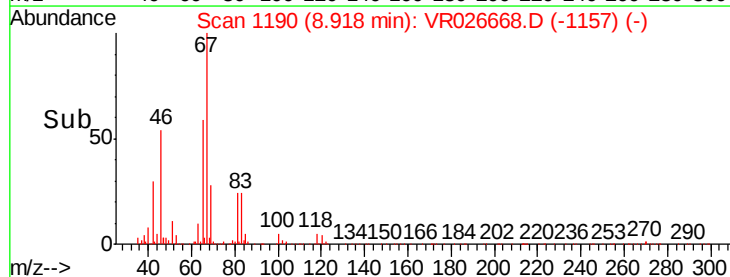
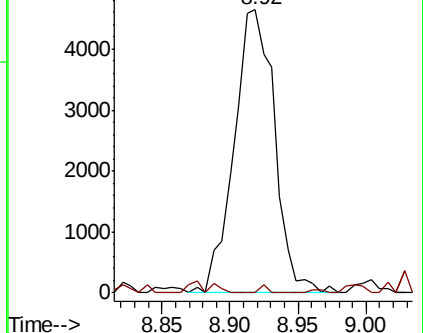
Tgt Ion: 63 Resp: 9652

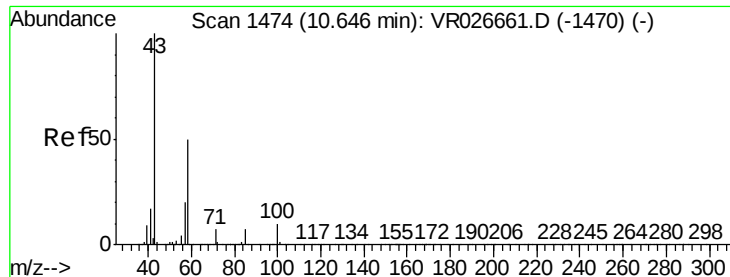
Ion	Ratio	Lower	Upper
63	100		
112	0.5	2.4	3.6#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

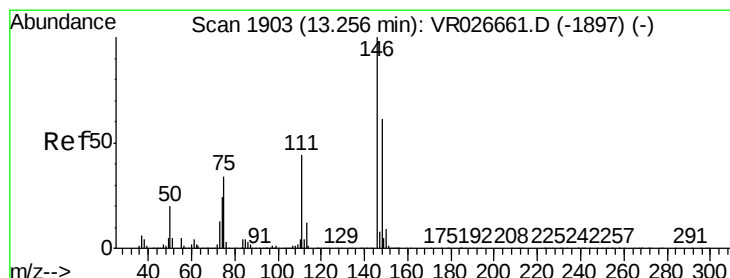
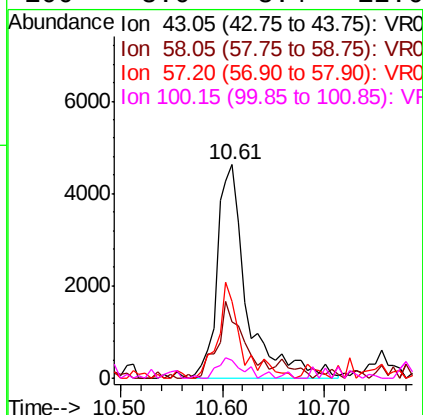
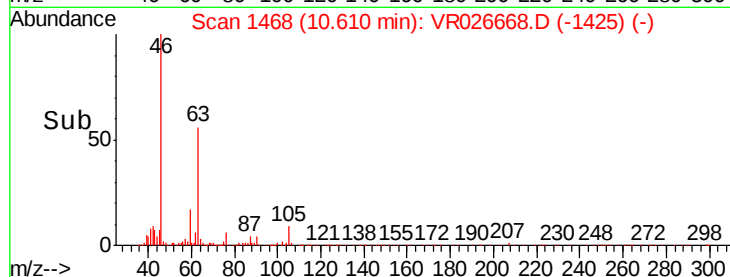
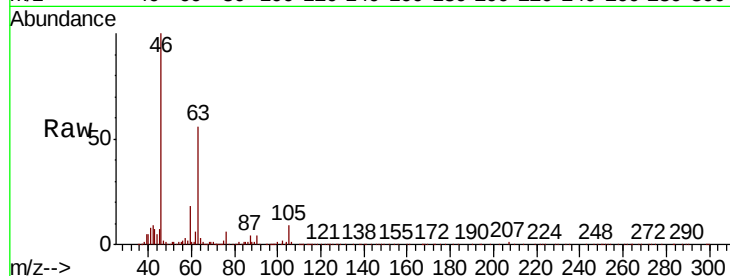




#48
2-Hexanone
Concen: 3.342 ug/L
RT: 10.61 min Scan# 1468
Delta R.T. -0.04 min
Lab File: VR026668.D
Acq: 11 Oct 2019 16:44

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 9420
Ion Ratio Lower Upper
43 100
58 31.5 45.0 67.4#
57 34.5 16.2 24.4#
100 8.0 8.4 12.6#



#63
1,4-Dichlorobenzene
Concen: 0.051 ug/L
RT: 13.24 min Scan# 1901
Delta R.T. -0.01 min
Lab File: VR026668.D
Acq: 11 Oct 2019 16:44

Tgt Ion: 146 Resp: 1235
Ion Ratio Lower Upper
146 100
111 181.7 30.5 56.7#
148 37.3 43.1 80.1#

