

Data File : VR026349.D
Acq On : 20 Feb 2019 12:54
Operator : SY/MD
Sample : K1488-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXD2

Quant Time: Feb 21 07:41:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 07:38:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	628900	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	540307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	152430	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	240542	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	2.62	69	226836	5.23	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	74.71%
11) 1,1-Dichloroethene-d2	3.61	63	492346	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	6.58	46	186455	49.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	7.20	84	440185	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	7.89	65	169698	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	7.85	84	838371	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	8.89	67	216531	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	9.97	98	774823	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	10.23	79	49916	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	10.59	63	152624	51.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80787	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	140336	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

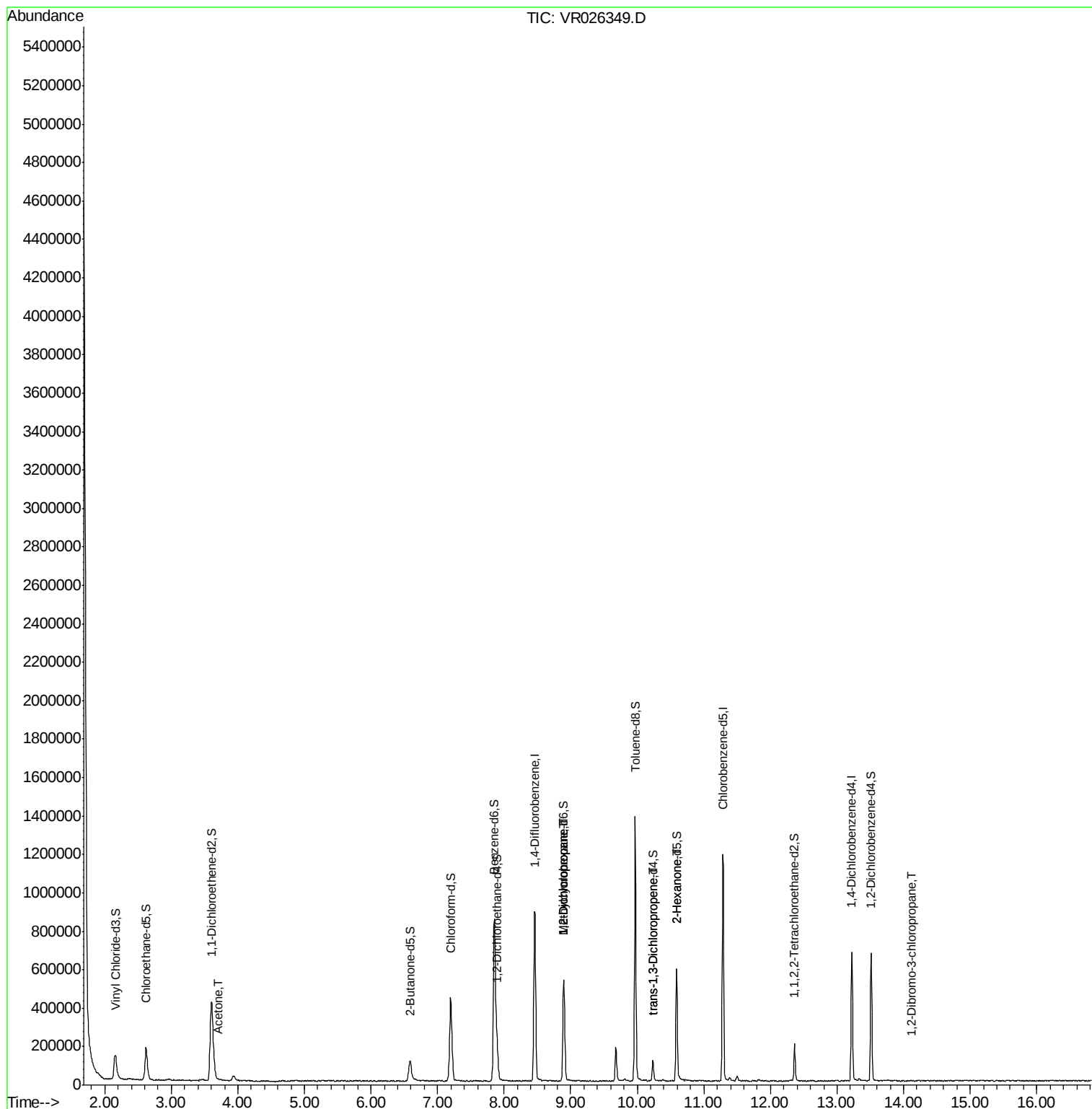
					Qvalue
13) Acetone	3.70	43	9085	2.285 ug/L	68
35) Methylcyclohexane	8.89	83	53325	0.814 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	28071	0.661 ug/L #	90
44) trans-1,3-Dichloropropene	10.23	75	3811	0.115 ug/L	90
48) 2-Hexanone	10.59	43	24505	3.217 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.12	75	441	0.292 ug/L #	30

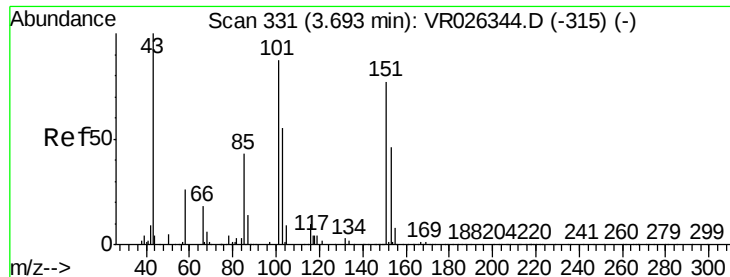
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.285 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

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Acq: 20 Feb 2019 12:54

Instrument :

MSVOA_R

ClientSampleId :

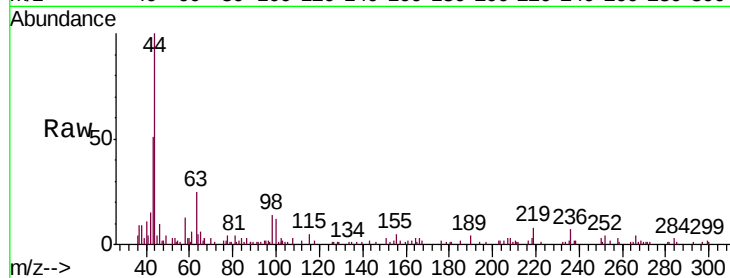
ESXD2

Tgt Ion: 43 Resp: 9085

Ion Ratio Lower Upper

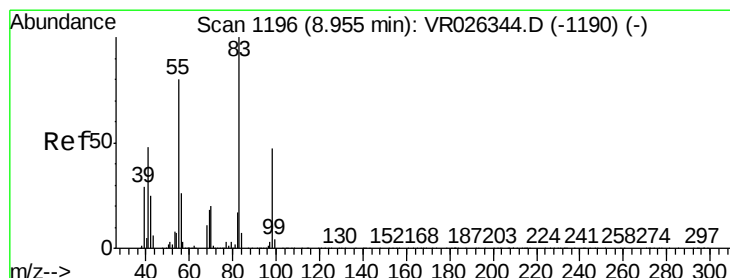
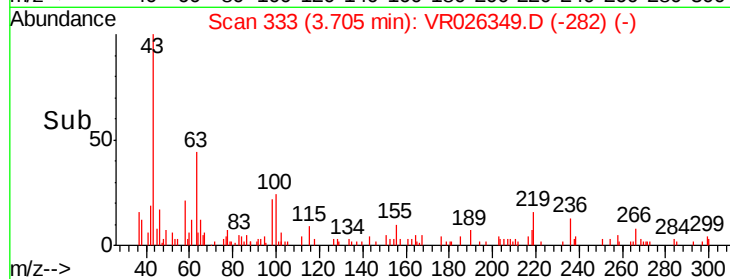
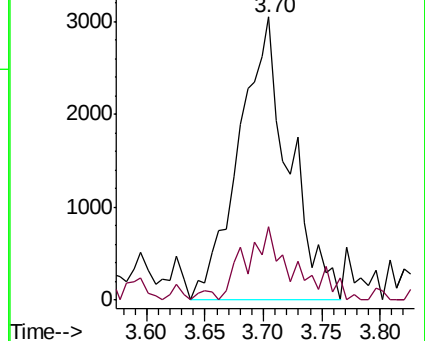
43 100

58 11.8 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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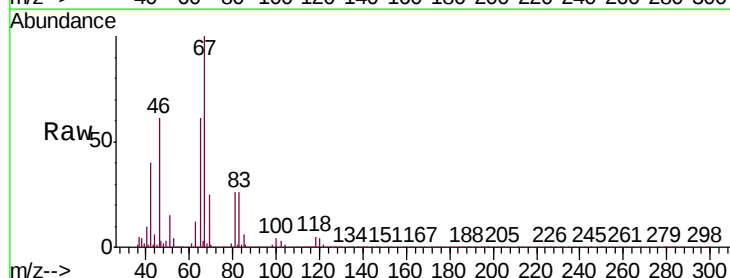
Tgt Ion: 83 Resp: 53325

Ion Ratio Lower Upper

83 100

55 1.1 67.3 100.9#

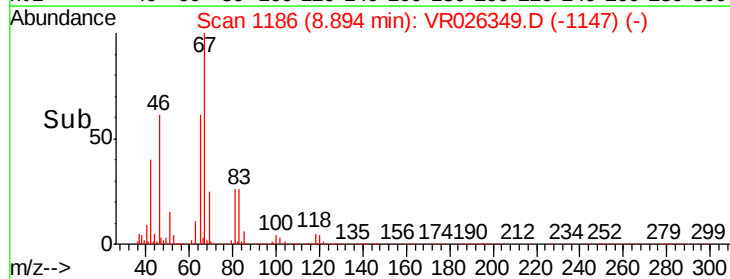
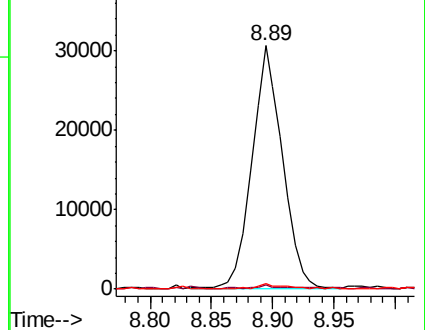
98 2.0 37.0 55.4#

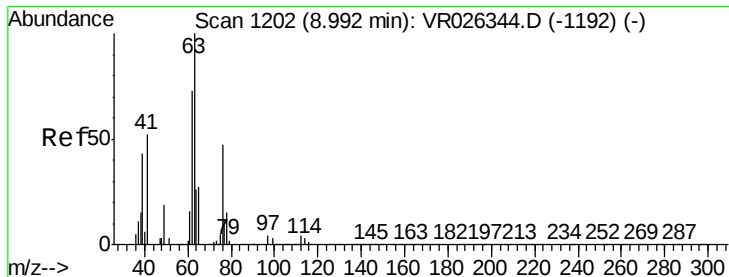


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

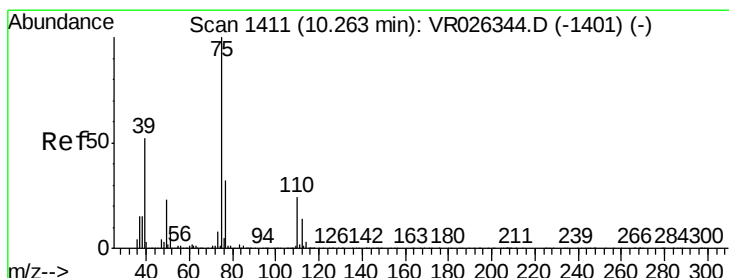
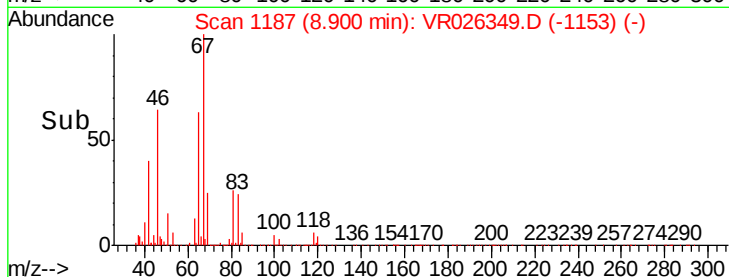
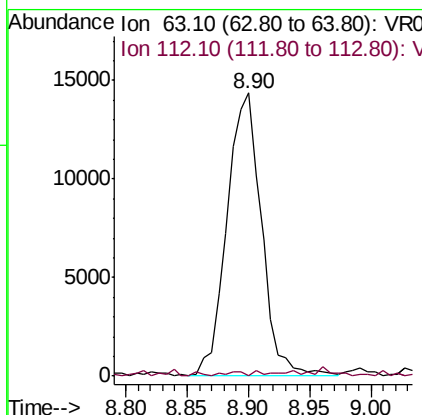
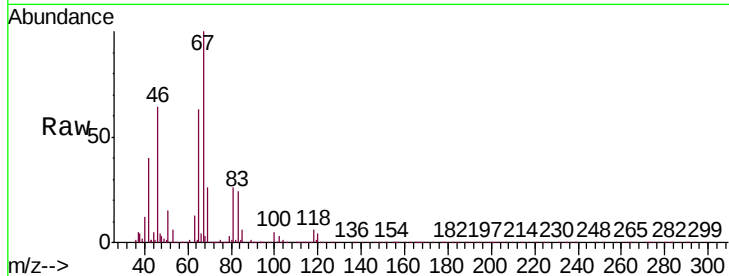




#37
 1,2-Dichloropropane
 Concen: 0.661 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026349.D
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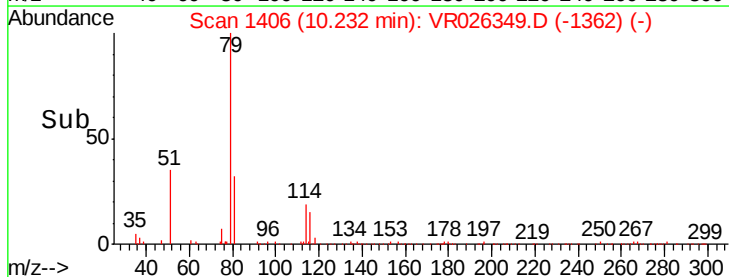
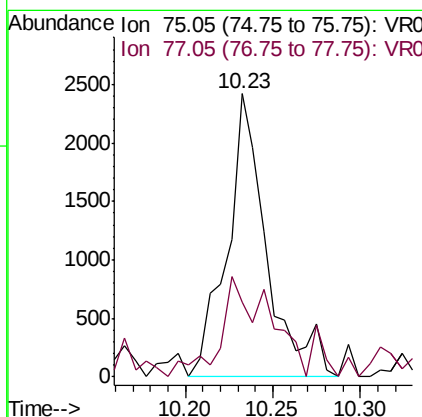
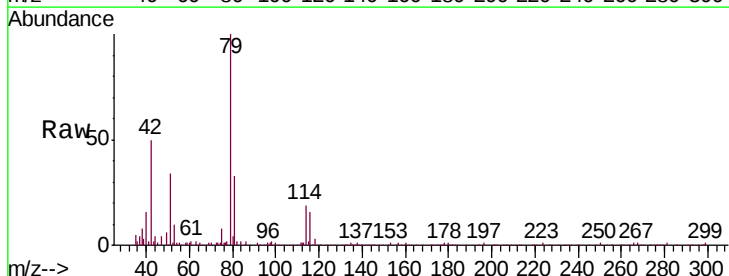
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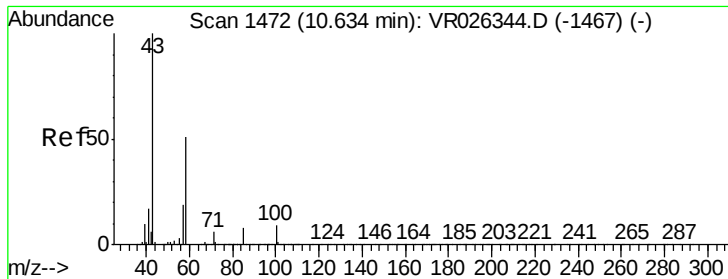
Tgt Ion: 63 Resp: 28071
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.4 5.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 10.23 min Scan# 1406
 Delta R.T. -0.03 min
 Lab File: VR026349.D
 Acq: 20 Feb 2019 12:54

Tgt Ion: 75 Resp: 3811
 Ion Ratio Lower Upper
 75 100
 77 26.5 22.5 41.7

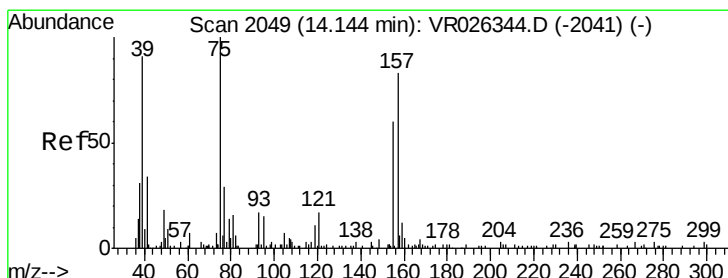
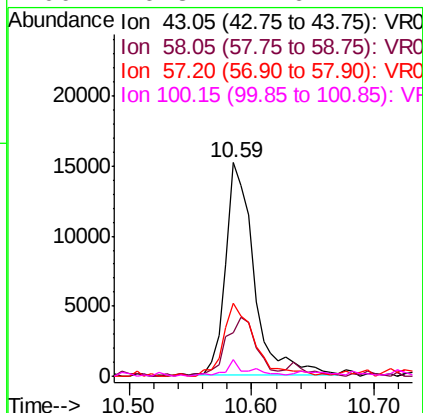
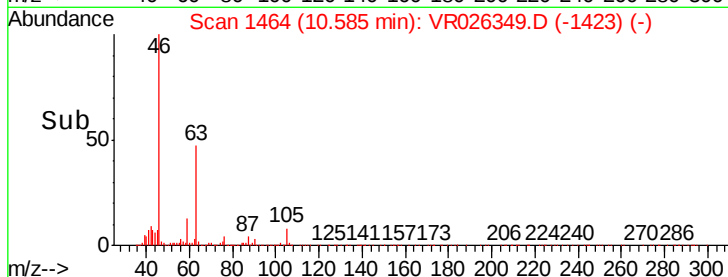
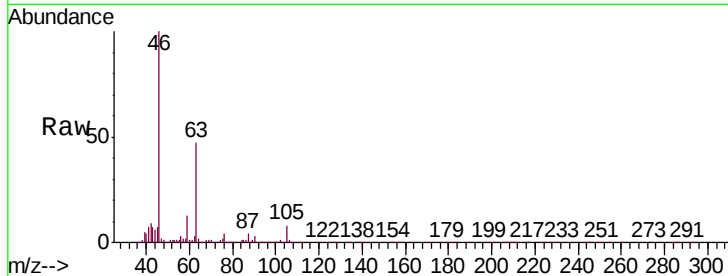




#48
2-Hexanone
Concen: 3.217 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026349.D
Acq: 20 Feb 2019 12:54

Instrument :
MSVOA_R
ClientSampleId :
ESXD2

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	39.1	58.7#
57	37.7	14.2	21.2#
100	6.3	7.6	11.4#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.292 ug/L
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VR026349.D
Acq: 20 Feb 2019 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	10.9	45.8	68.8#
157	10.9	60.9	91.3#

