

Data File : VR026381.D
Acq On : 25 Feb 2019 18:28
Operator : SY/MD
Sample : K1589-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09M7

Quant Time: Feb 26 06:22:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 26 06:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	563574	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	473944	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	148486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	176544	3.20	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.00%
7) Chloroethane-d5	2.62	69	163743	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.40%
11) 1,1-Dichloroethene-d2	3.61	63	339013	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	6.58	46	235178	58.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.88%
24) Chloroform-d	7.20	84	385441	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	7.89	65	165874	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	7.85	84	682468	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
36) 1,2-Dichloropropane-d6	8.90	67	195706	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	9.97	98	585121	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	10.24	79	44725	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	10.59	63	184007	61.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75446	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	123575	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

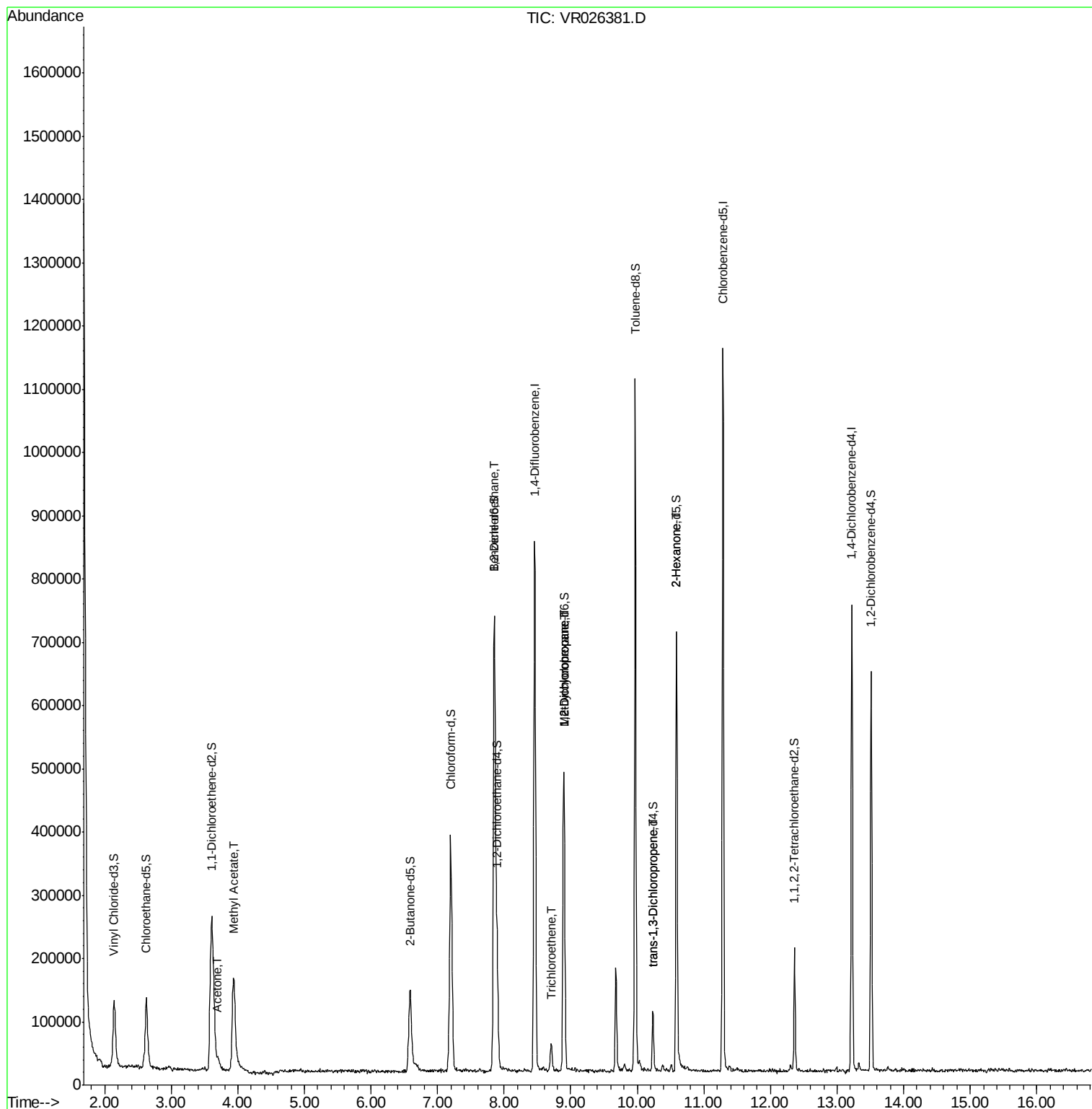
					Qvalue
13) Acetone	3.70	43	27217	7.519	ug/L 100
15) Methyl Acetate	3.94	43	69971	6.830	ug/L # 56
27) 1,2-Dichloroethane	7.86	62	5859	0.157	ug/L 97
34) Trichloroethene	8.71	95	14555	0.318	ug/L 89
35) Methylcyclohexane	8.89	83	46600	0.717	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	24424	0.631	ug/L # 88
44) trans-1,3-Dichloropropene	10.23	75	3066	0.100	ug/L 88
48) 2-Hexanone	10.59	43	32266	4.415	ug/L # 68

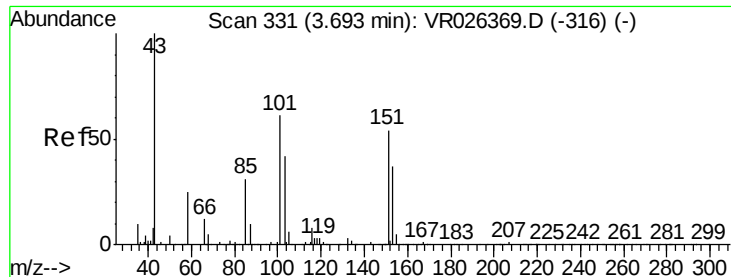
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.519 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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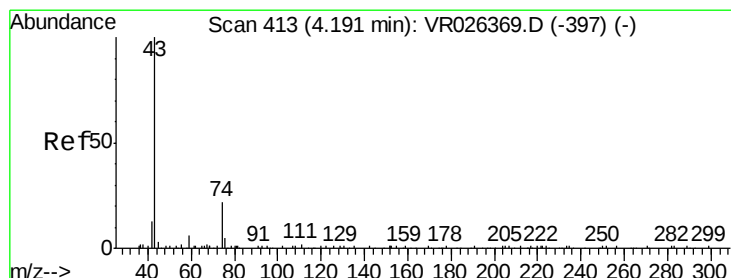
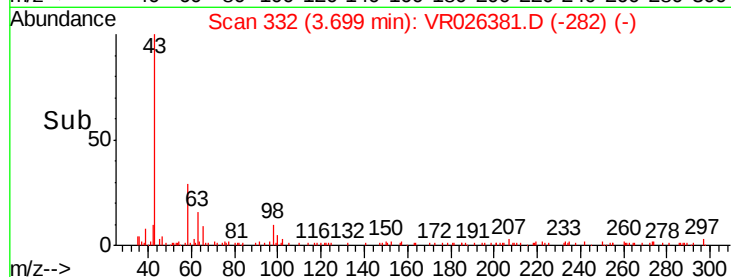
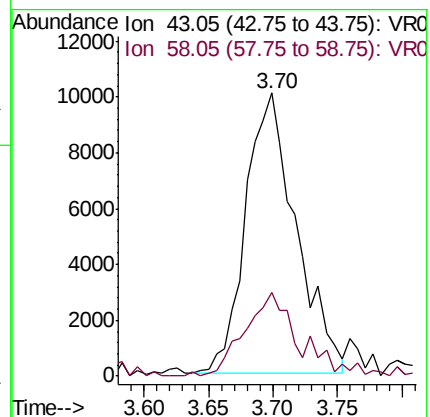
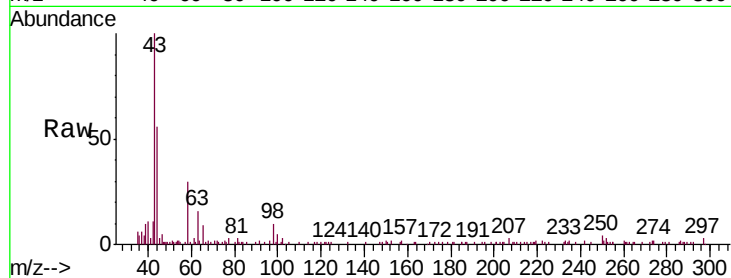
C09M7

Tgt Ion: 43 Resp: 27217

Ion Ratio Lower Upper

43 100

58 26.2 0.0 52.2



#15

Methyl Acetate

Concen: 6.830 ug/L

RT: 3.94 min Scan# 371

Delta R.T. -0.26 min

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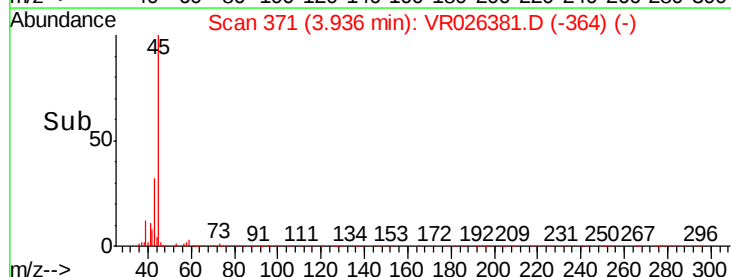
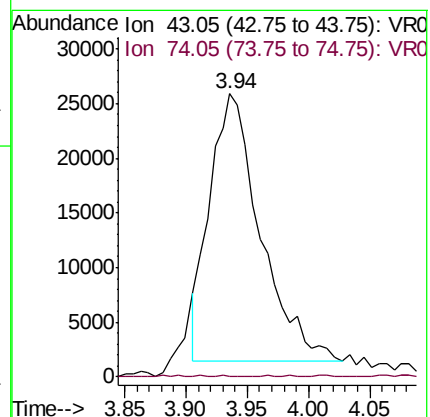
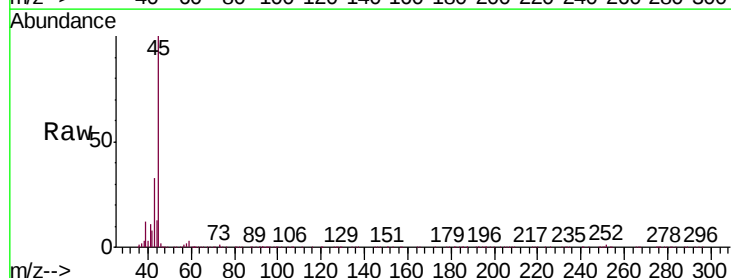
Acq: 25 Feb 2019 18:28

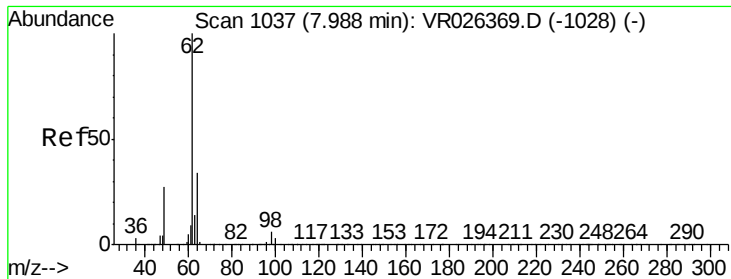
Tgt Ion: 43 Resp: 69971

Ion Ratio Lower Upper

43 100

74 0.1 16.6 25.0#





#27

1,2-Dichloroethane

Concen: 0.157 ug/L

RT: 7.86 min Scan# 1016

Delta R.T. -0.13 min

Lab File: VR026381.D

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ClientSampleId :

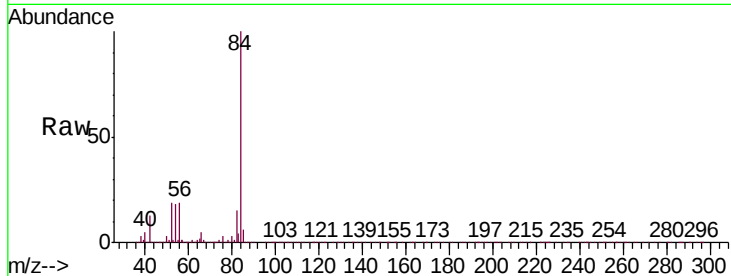
C09M7

Tgt Ion: 62 Resp: 5859

Ion Ratio Lower Upper

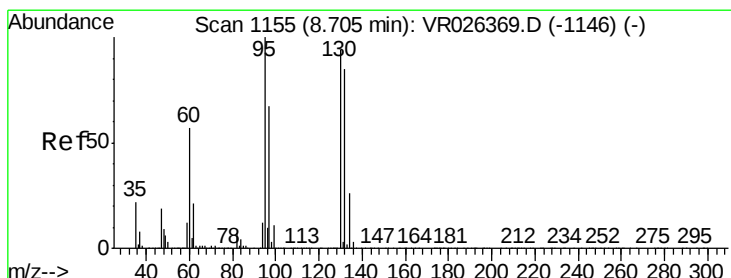
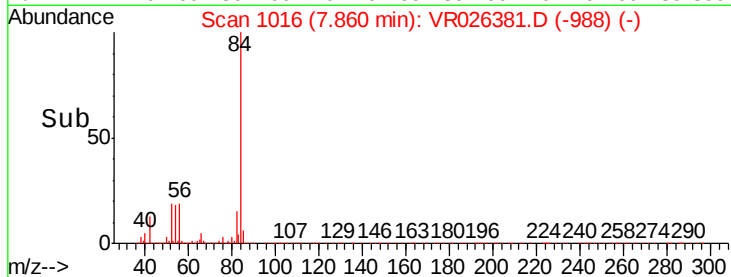
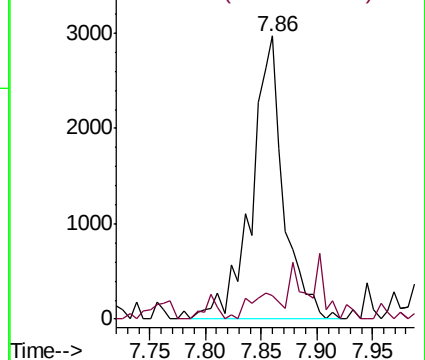
62 100

98 8.3 5.7 8.5



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0



#34

Trichloroethene

Concen: 0.318 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026381.D

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Tgt Ion: 95 Resp: 14555

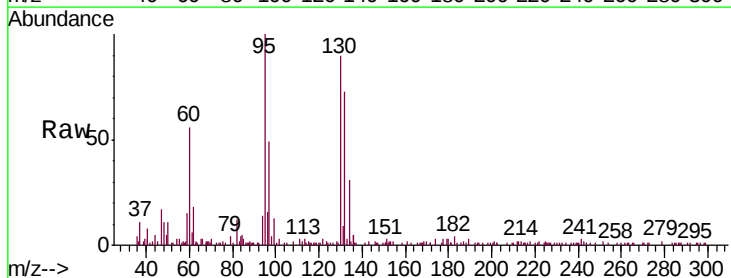
Ion Ratio Lower Upper

95 100

97 48.6 43.5 80.7

132 73.0 58.6 108.8

130 90.5 59.4 110.2

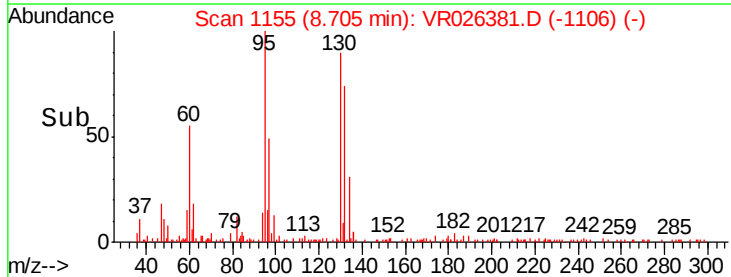
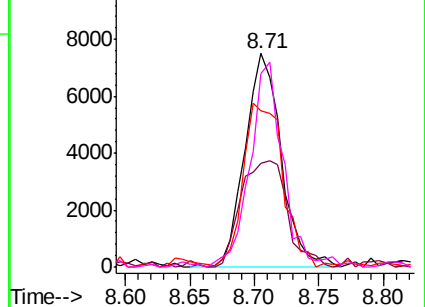


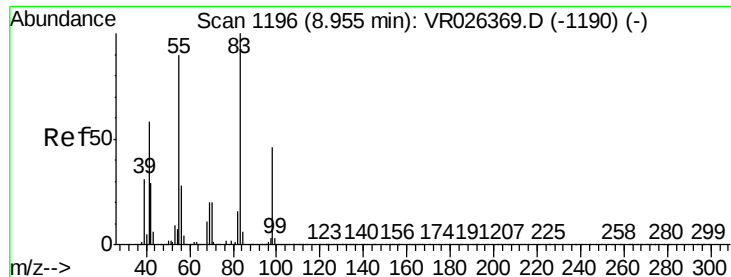
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

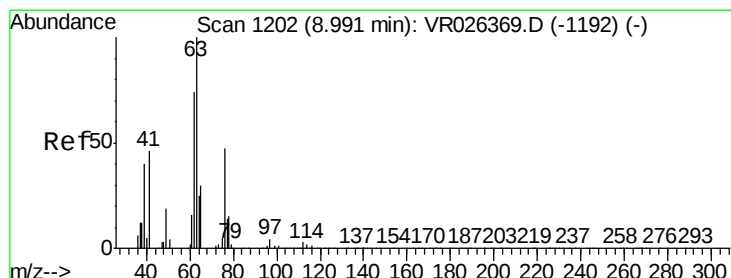
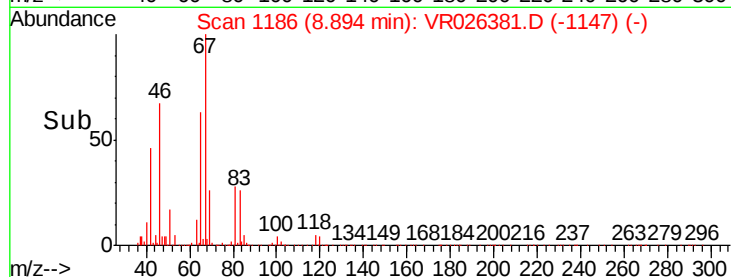
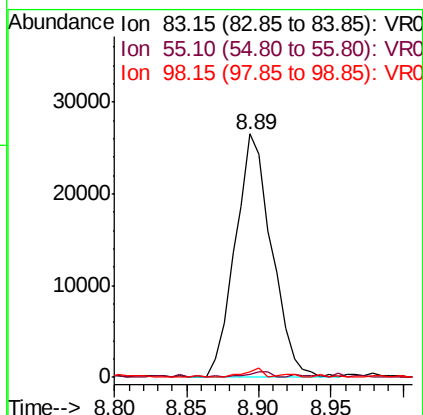
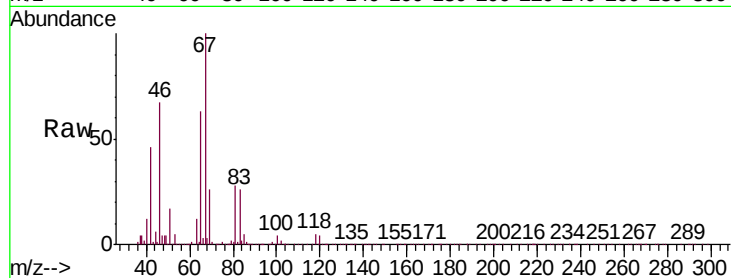




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026381.D
Acq: 25 Feb 2019 18:28

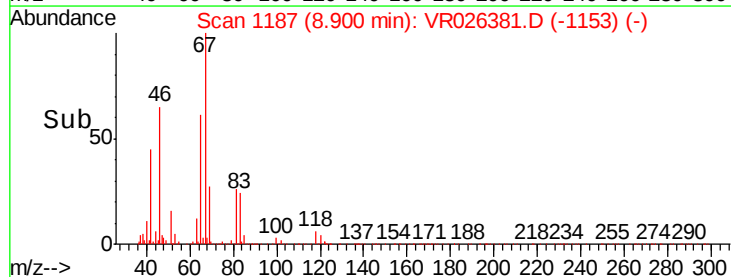
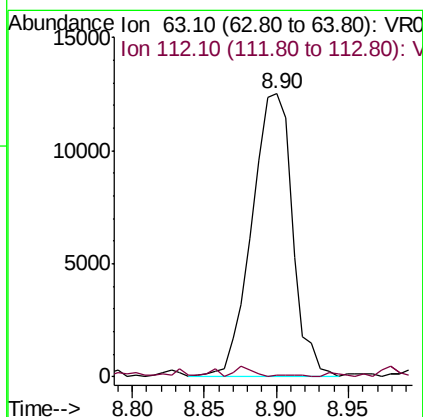
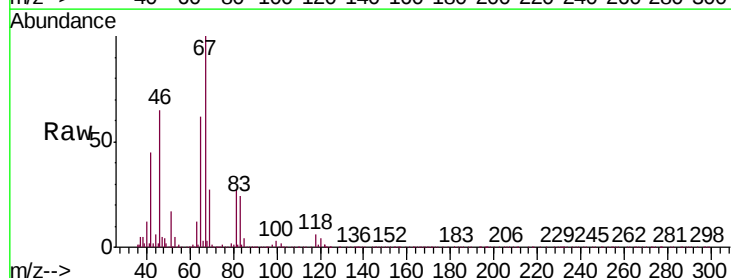
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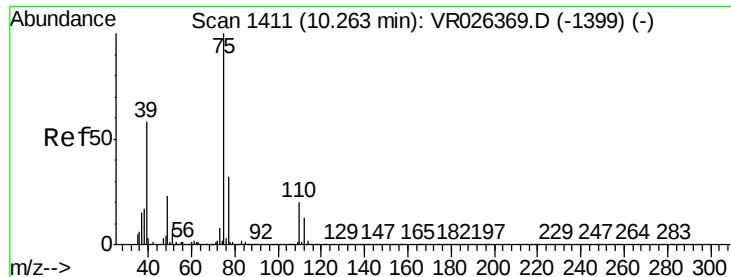
Tgt Ion: 83 Resp: 46600
Ion Ratio Lower Upper
83 100
55 1.7 72.2 108.2#
98 1.9 35.0 52.4#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026381.D
Acq: 25 Feb 2019 18:28

Tgt Ion: 63 Resp: 24424
Ion Ratio Lower Upper
63 100
112 0.4 3.6 5.4#

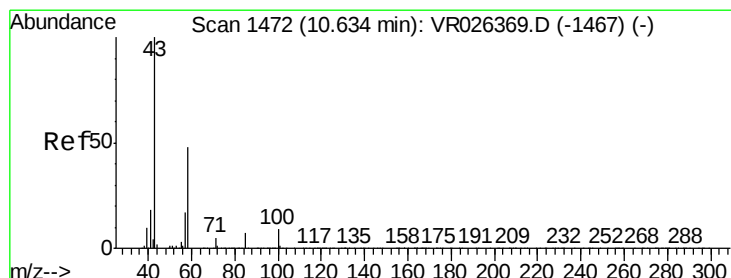
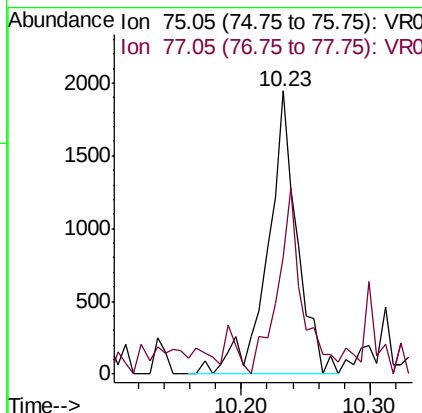
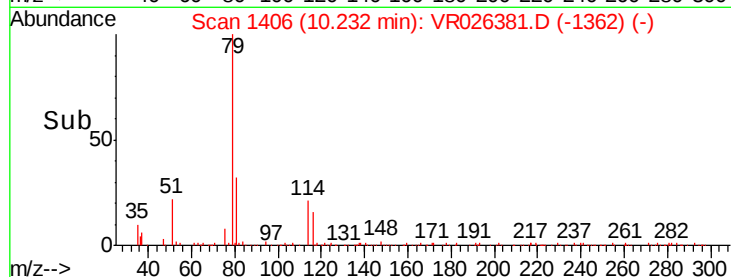
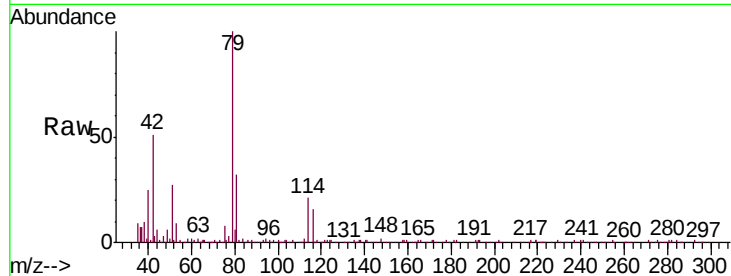




#44
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026381.D
Acq: 25 Feb 2019 18:28

Instrument :
MSVOA_R
ClientSampleId :
C09M7

Tgt Ion: 75 Resp: 3066
Ion Ratio Lower Upper
75 100
77 41.2 23.9 44.3



#48
2-Hexanone
Concen: 4.415 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026381.D
Acq: 25 Feb 2019 18:28

Tgt Ion: 43 Resp: 32266
Ion Ratio Lower Upper
43 100
58 24.4 38.4 57.6#
57 29.9 13.2 19.8#
100 2.2 6.3 9.5#

