

Data File : VR026351.D
Acq On : 20 Feb 2019 14:00
Operator : SY/MD
Sample : K1488-08
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXE4

Quant Time: Feb 21 07:41:58 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	593401	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	517663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	136541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	230293	4.91	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	2.62	69	218095	5.33	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	76.14%
11) 1,1-Dichloroethene-d2	3.60	63	472132	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	6.59	46	194872	54.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.28%
24) Chloroform-d	7.20	84	434110	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	7.89	65	168504	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	7.85	84	818228	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	8.89	67	215440	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	9.97	98	761455	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	10.23	79	51397	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	10.59	63	162473	57.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81652	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	144800	6.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	136.20%#

Target Compounds

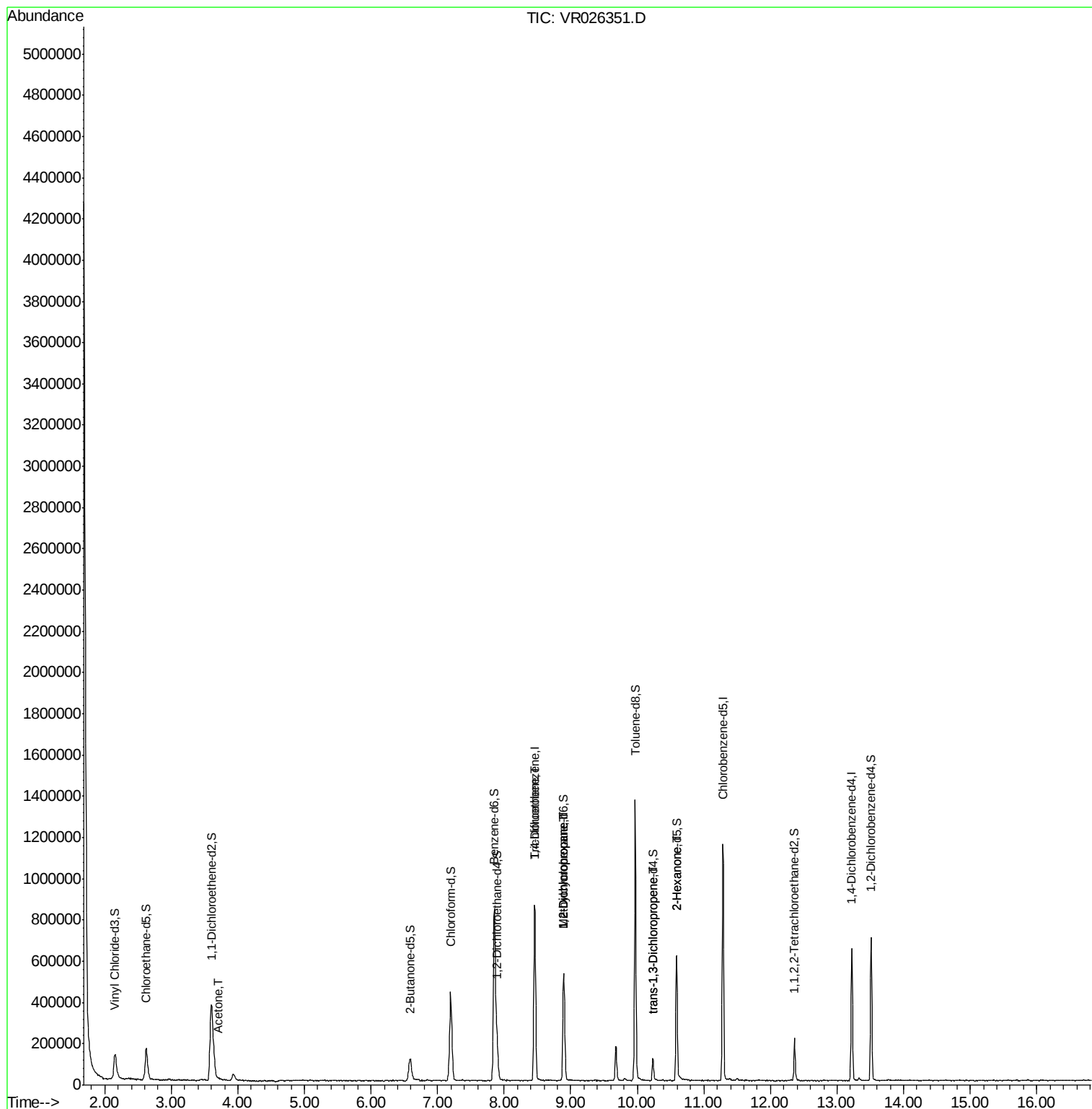
					Qvalue
13) Acetone	3.70	43	10081	2.687 ug/L	59
34) Trichloroethene	8.46	95	18776	0.397 ug/L #	10
35) Methylcyclohexane	8.89	83	55640	0.886 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	26921	0.662 ug/L #	89
44) trans-1,3-Dichloropropene	10.23	75	3575	0.113 ug/L	93
48) 2-Hexanone	10.59	43	25426	3.484 ug/L #	73

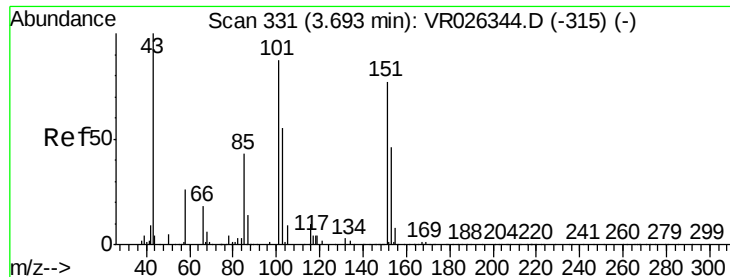
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.687 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

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Acq: 20 Feb 2019 14:00

Instrument :

MSVOA_R

ClientSampleId :

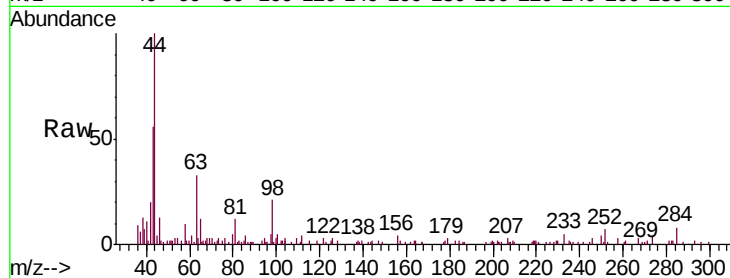
ESXE4

Tgt Ion: 43 Resp: 10081

Ion Ratio Lower Upper

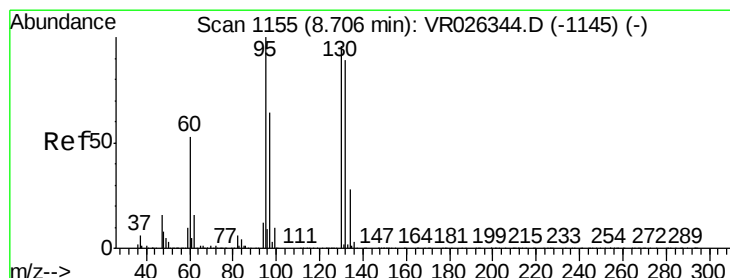
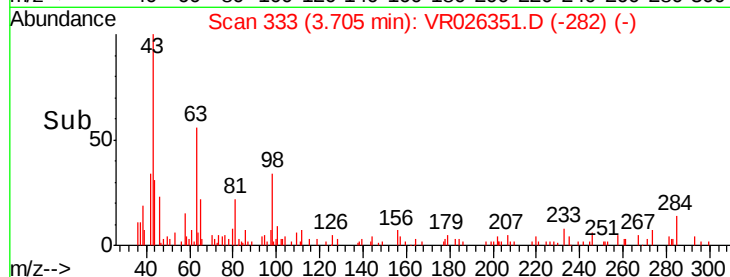
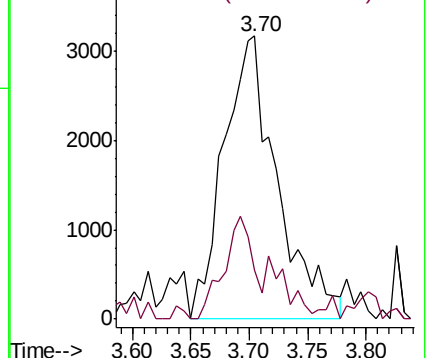
43 100

58 7.2 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.397 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026351.D

Acq: 20 Feb 2019 14:00

Tgt Ion: 95 Resp: 18776

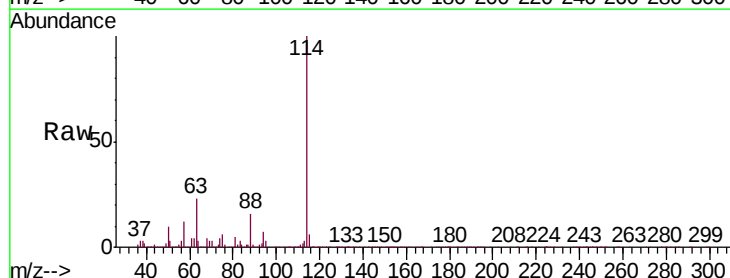
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 1.2 60.7 112.7#

130 1.8 62.8 116.6#

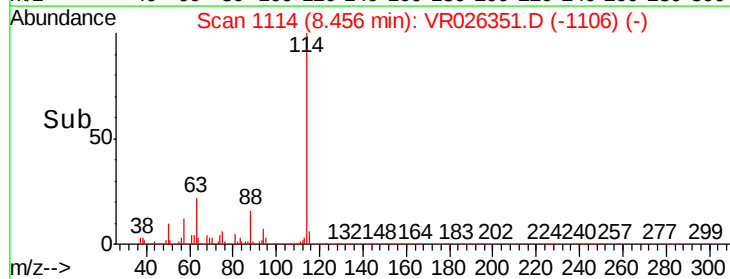
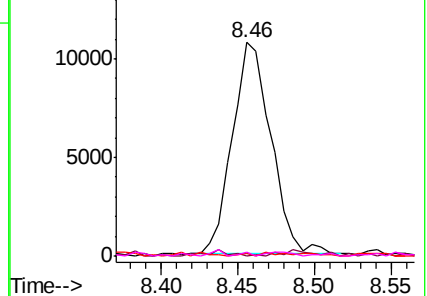


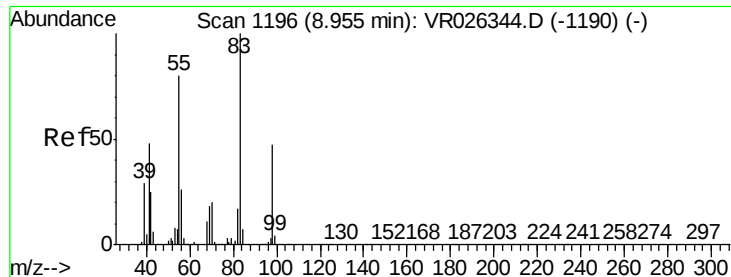
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

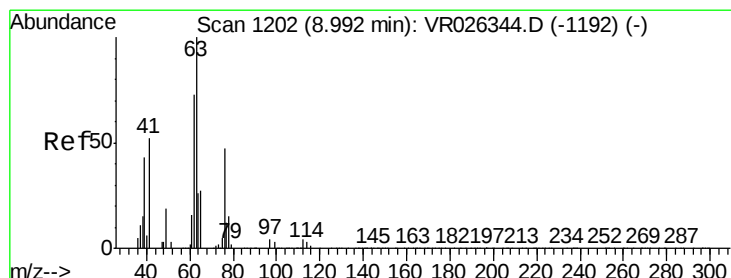
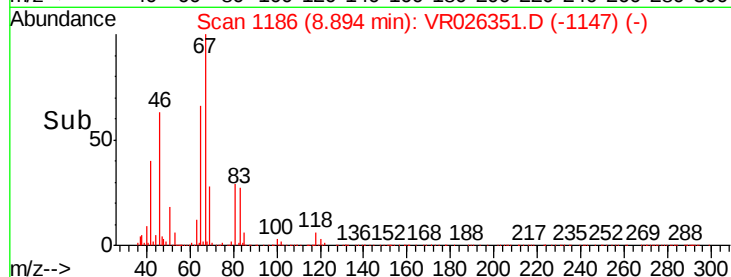
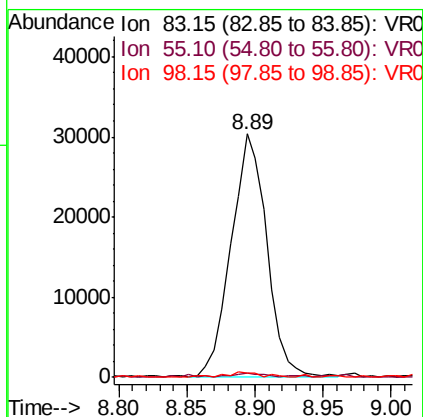
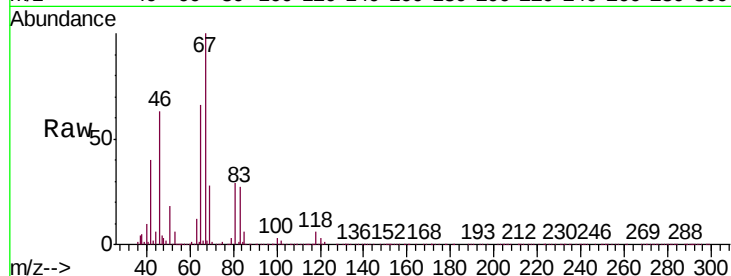




#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026351.D
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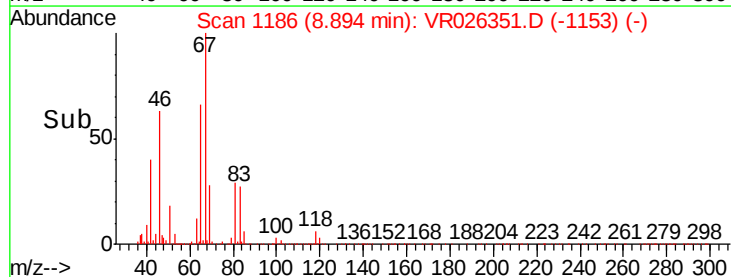
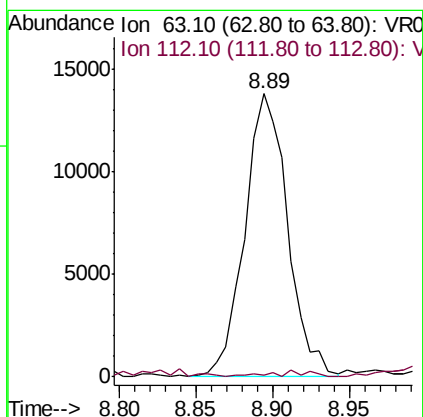
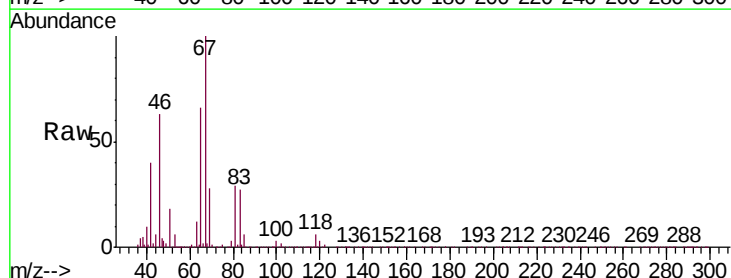
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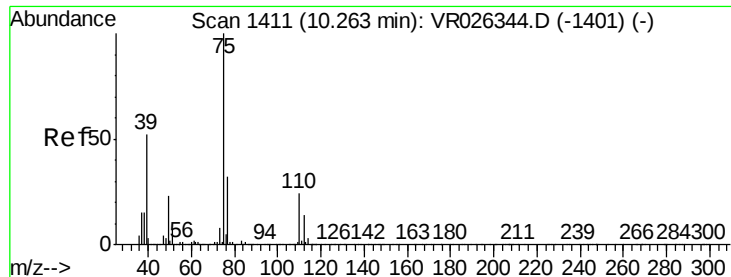
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.4	67.3	100.9#
98	2.2	37.0	55.4#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026351.D
Acq: 20 Feb 2019 14:00

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.4	5.0#

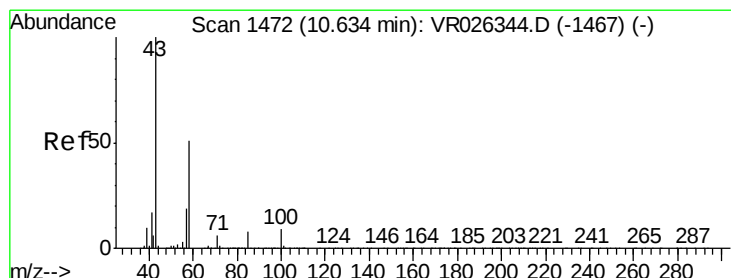
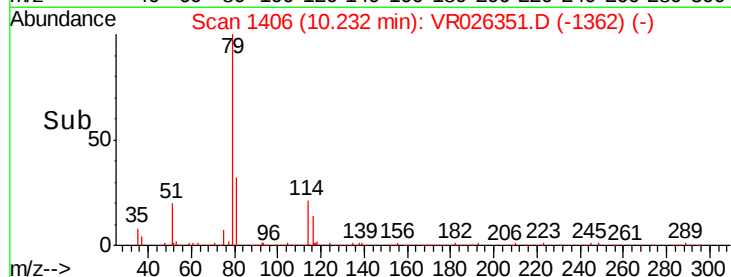
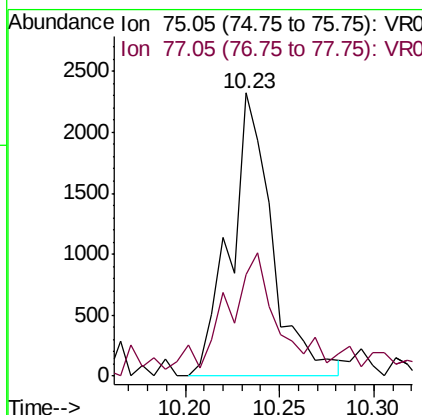
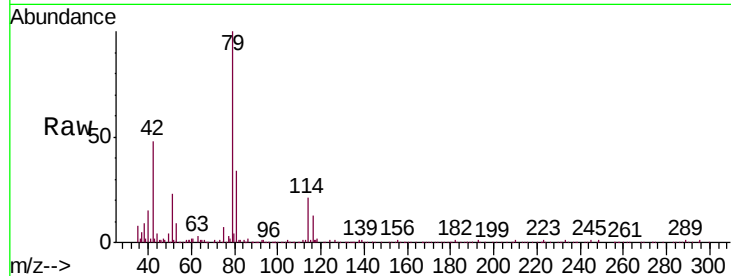




#44
trans-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026351.D
Acq: 20 Feb 2019 14:00

Instrument :
MSVOA_R
ClientSampled :
ESXE4

Tgt Ion: 75 Resp: 3575
Ion Ratio Lower Upper
75 100
77 35.8 22.5 41.7



#48
2-Hexanone
Concen: 3.484 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026351.D
Acq: 20 Feb 2019 14:00

Tgt Ion: 43 Resp: 25426
Ion Ratio Lower Upper
43 100
58 31.2 39.1 58.7#
57 33.7 14.2 21.2#
100 5.2 7.6 11.4#

