

Data File : VR026415.D
Acq On : 28 Feb 2019 12:52
Operator : SY/MD
Sample : VR0228WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK88

Quant Time: Mar 01 06:33:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	575559	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	453231	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	141995	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	224808	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	2.62	69	183477	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	3.60	63	445460	3.37	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	6.59	46	153815	37.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.86%
24) Chloroform-d	7.20	84	358961	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	7.89	65	139609	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
32) Benzene-d6	7.85	84	698424	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	8.89	67	171094	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	9.97	98	624756	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	10.23	79	38136	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	10.59	63	115324	40.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55100	3.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	110464	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

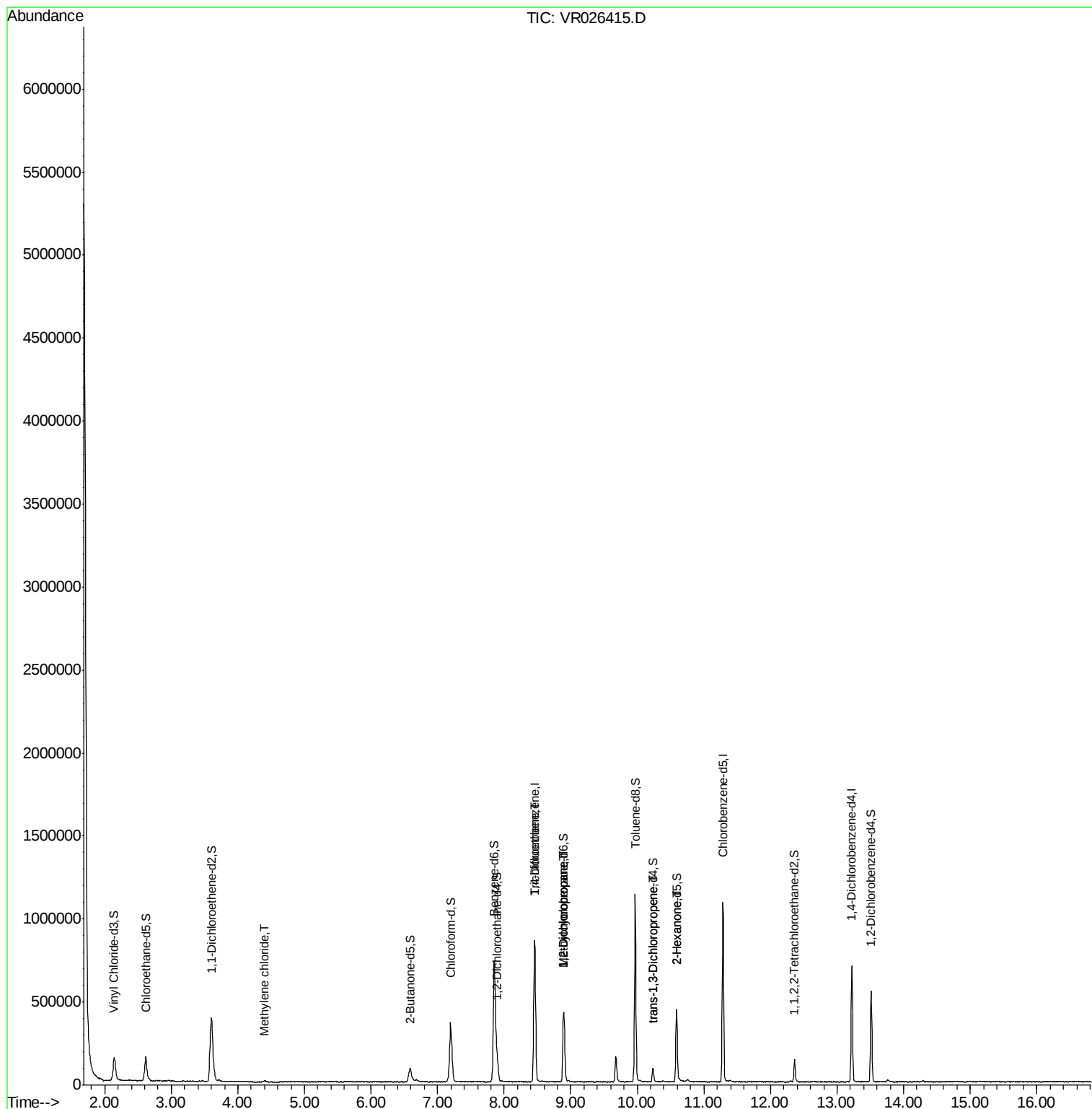
						Qvalue
16) Methylene chloride	4.40	84	4758	0.108	ug/L	93
34) Trichloroethene	8.46	95	21270	0.485	ug/L #	12
35) Methylcyclohexane	8.90	83	42164	0.679	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	21979	0.594	ug/L #	92
44) trans-1,3-Dichloropropene	10.23	75	2633	0.089	ug/L	88
48) 2-Hexanone	10.59	43	20095	2.876	ug/L #	70

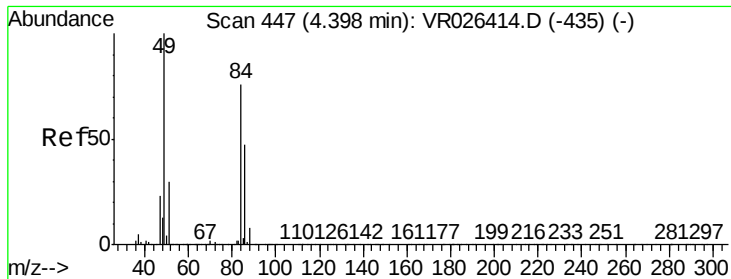
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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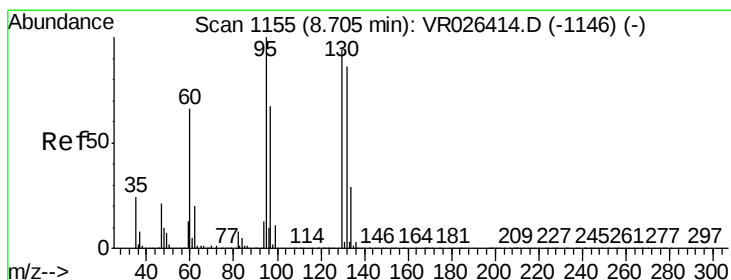
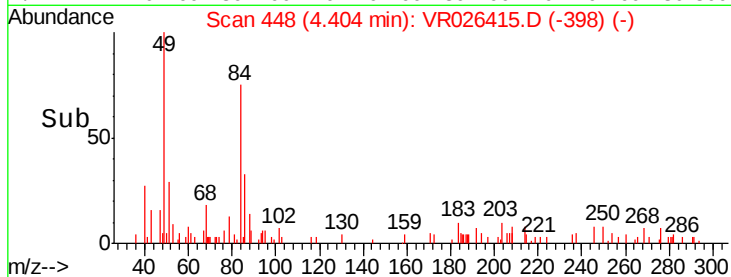
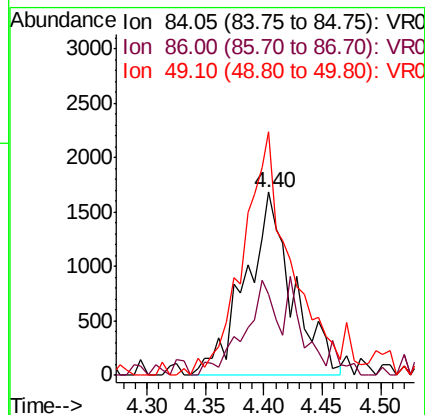
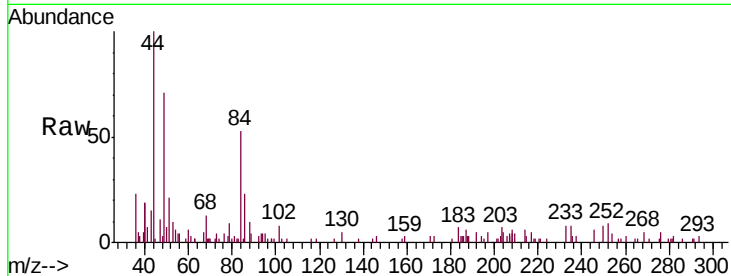




#16
Methylene chloride
Concen: 0.108 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.01 min
Lab File: VR026415.D
Acq: 28 Feb 2019 12:52

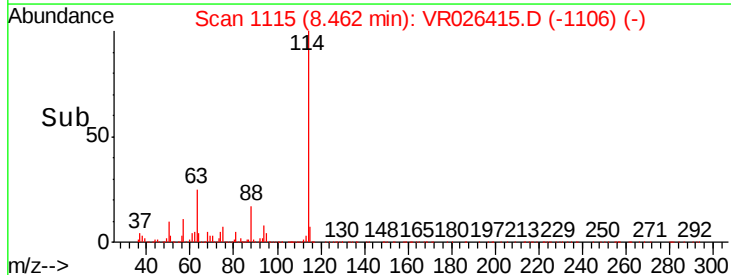
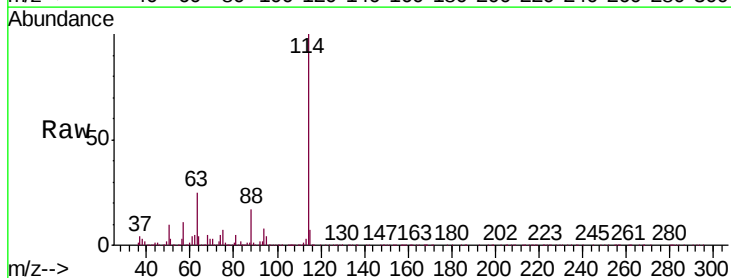
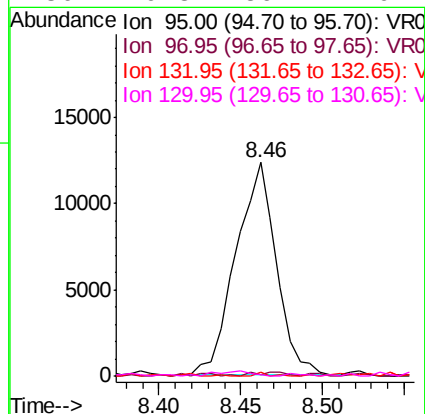
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VBLK88

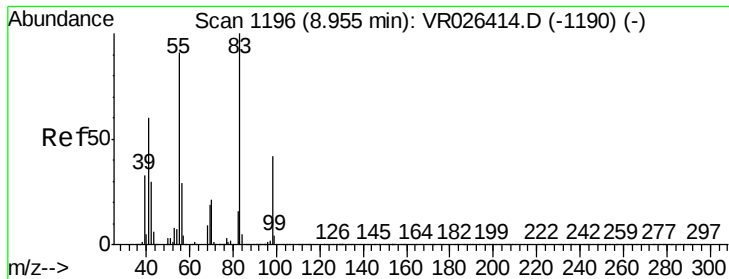
Tgt Ion: 84 Resp: 4758
Ion Ratio Lower Upper
84 100
86 43.9 42.1 78.3
49 132.8 93.8 174.2



#34
Trichloroethene
Concen: 0.485 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.24 min
Lab File: VR026415.D
Acq: 28 Feb 2019 12:52

Tgt Ion: 95 Resp: 21270
Ion Ratio Lower Upper
95 100
97 0.6 43.5 80.7#
132 1.6 58.6 108.8#
130 0.8 59.4 110.2#





#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026415.D

Acq: 28 Feb 2019 12:52

Instrument :

MSVOA_R

ClientSampleId :

VBLK88

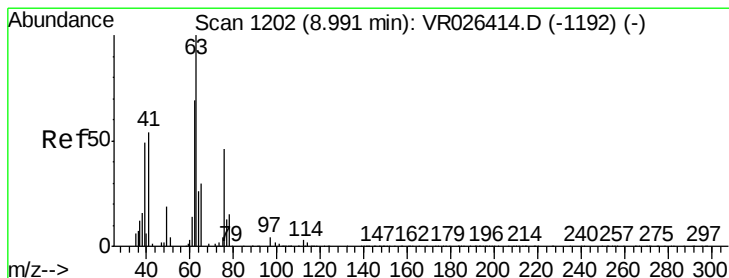
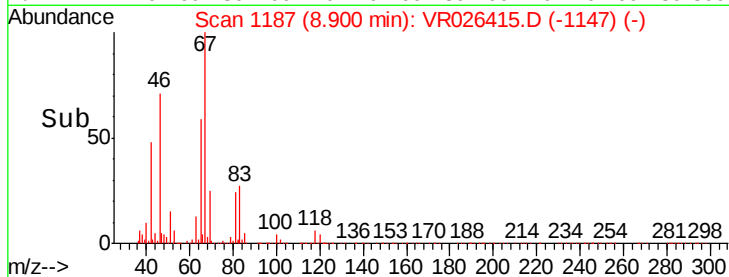
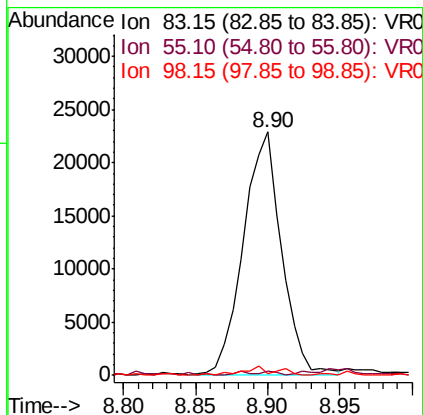
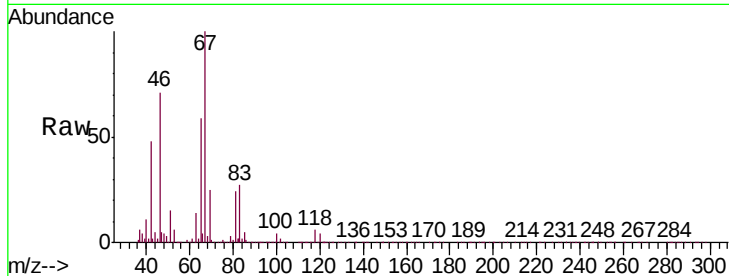
Tgt Ion: 83 Resp: 42164

Ion Ratio Lower Upper

83 100

55 0.6 72.2 108.2#

98 2.5 35.0 52.4#



#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

Lab File: VR026415.D

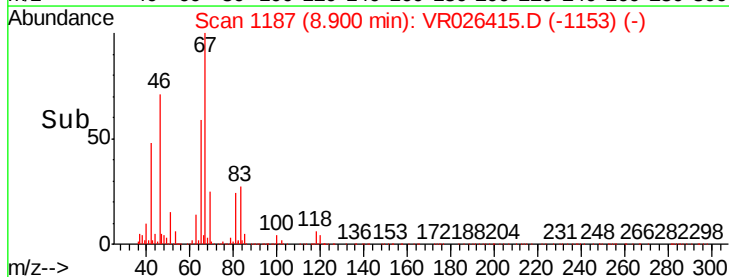
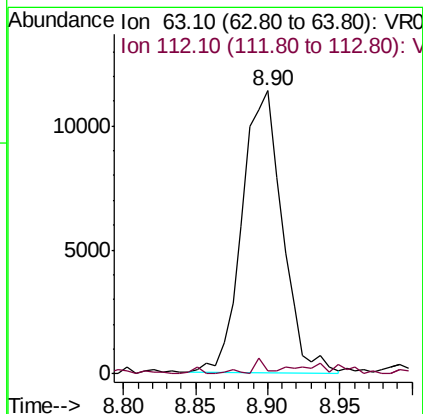
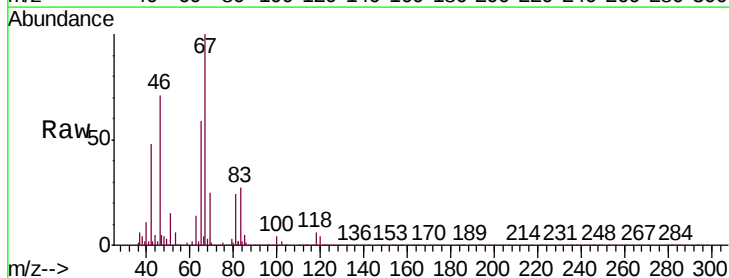
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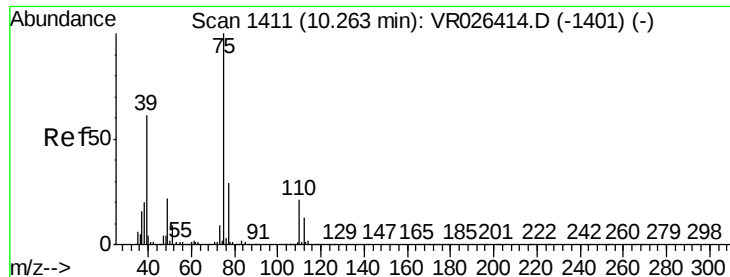
Tgt Ion: 63 Resp: 21979

Ion Ratio Lower Upper

63 100

112 2.0 3.6 5.4#

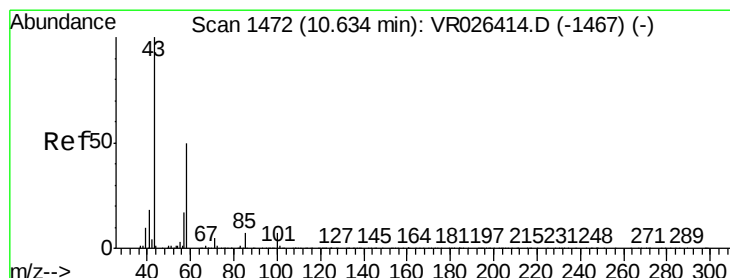
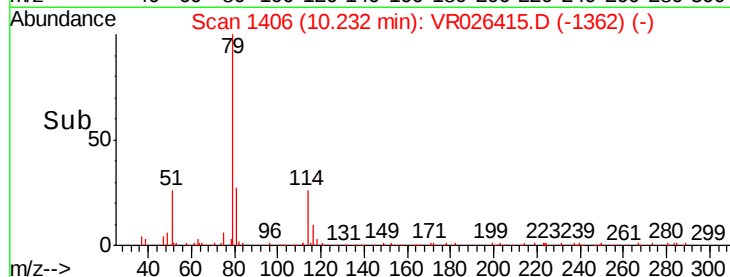
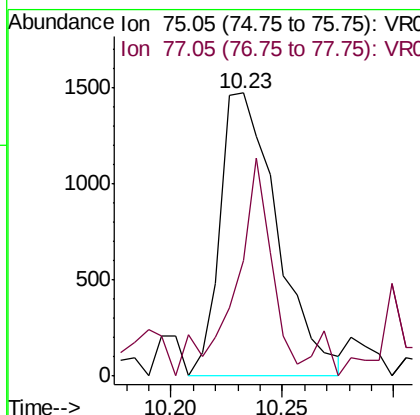
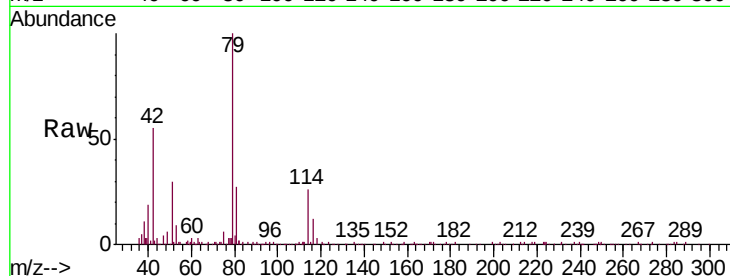




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026415.D
Acq: 28 Feb 2019 12:52

Instrument :
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ClientSampleId :
VBLK88

Tgt Ion: 75 Resp: 2633
Ion Ratio Lower Upper
75 100
77 41.0 23.9 44.3



#48
2-Hexanone
Concen: 2.876 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026415.D
Acq: 28 Feb 2019 12:52

Tgt Ion: 43 Resp: 20095
Ion Ratio Lower Upper
43 100
58 27.7 38.4 57.6#
57 33.5 13.2 19.8#
100 3.2 6.3 9.5#

