

Data File : VR026459.D
Acq On : 5 Apr 2019 12:41
Operator : SY/MD
Sample : K2271-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DB7D1

Quant Time: Apr 06 05:58:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	515152	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	419109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	126208	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	179982	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	2.62	69	154454	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	3.60	63	357298	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	6.58	46	174776	50.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	7.20	84	334130	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	7.89	65	141897	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	7.85	84	617136	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	8.89	67	165586	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	9.97	98	554499	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	10.24	79	33760	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	10.59	63	129618	52.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60017	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	106118	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

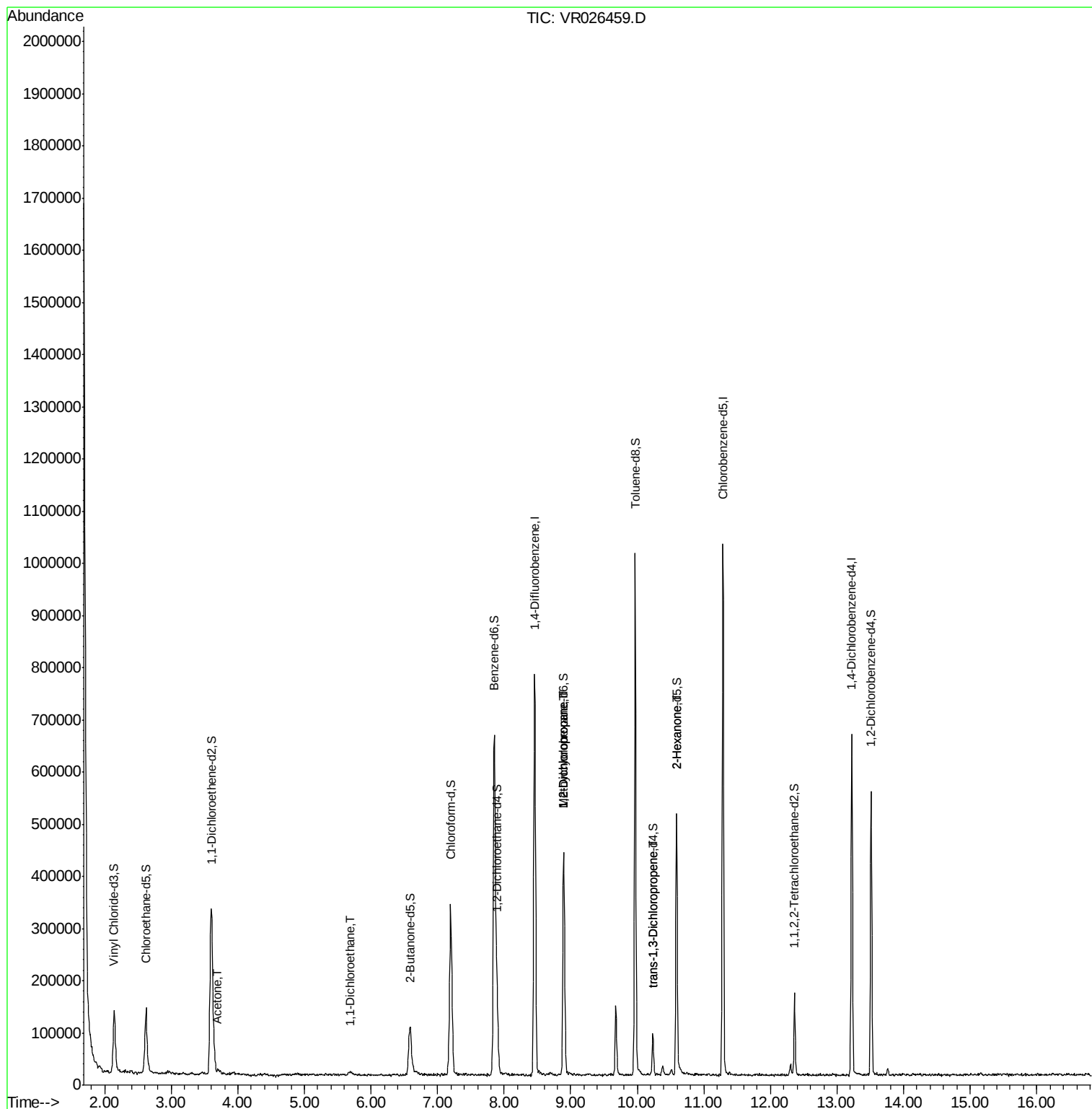
					Qvalue
13) Acetone	3.69	43	9647	2.736 ug/L	71
19) 1,1-Dichloroethane	5.69	63	9108	0.114 ug/L	93
35) Methylcyclohexane	8.89	83	39220	0.627 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	22270	0.620 ug/L #	93
44) trans-1,3-Dichloropropene	10.23	75	2581	0.091 ug/L	98
48) 2-Hexanone	10.59	43	22901	3.274 ug/L #	76

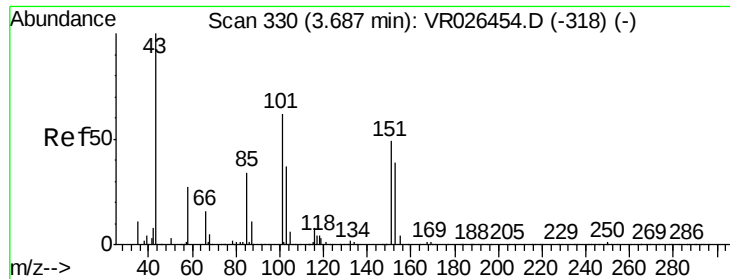
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.736 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.01 min

Lab File: VR026459.D

Acq: 5 Apr 2019 12:41

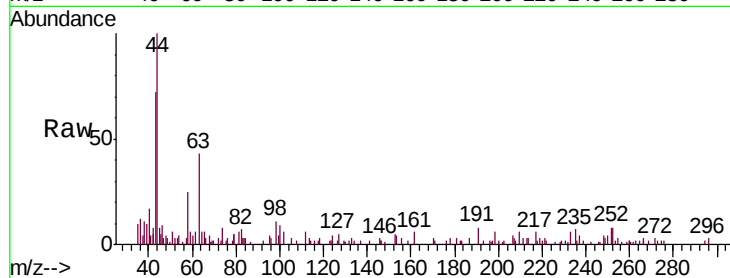
Instrument :
MSVOA_R
ClientSampleId :
DB7D1

Tgt Ion: 43 Resp: 9647

Ion Ratio Lower Upper

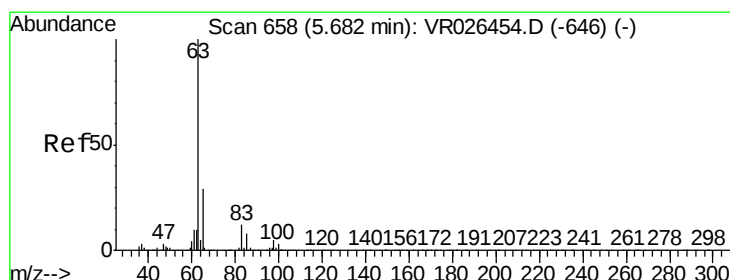
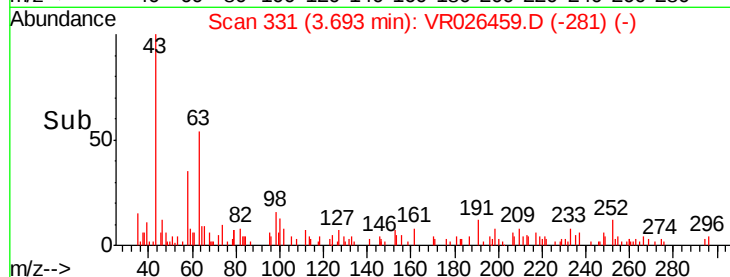
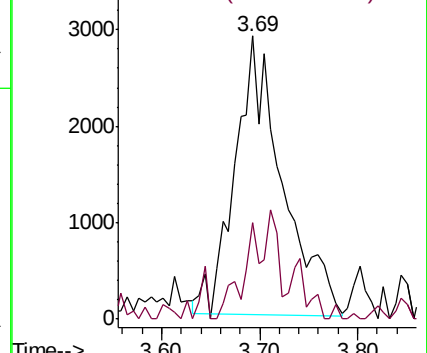
43 100

58 12.1 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#19

1,1-Dichloroethane

Concen: 0.114 ug/L

RT: 5.69 min Scan# 659

Delta R.T. 0.01 min

Lab File: VR026459.D

Acq: 5 Apr 2019 12:41

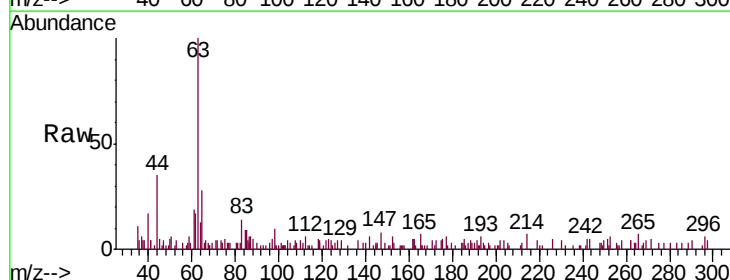
Tgt Ion: 63 Resp: 9108

Ion Ratio Lower Upper

63 100

65 27.8 22.0 40.8

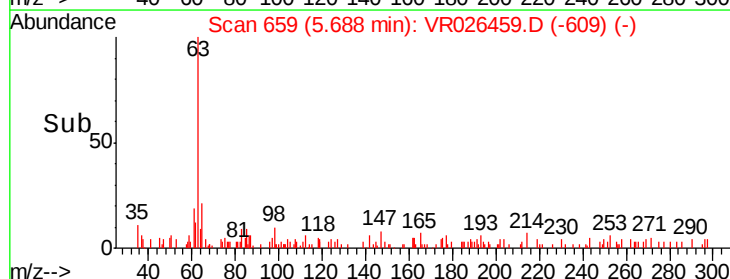
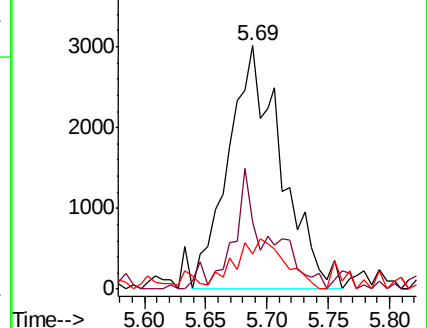
83 14.3 8.2 15.2

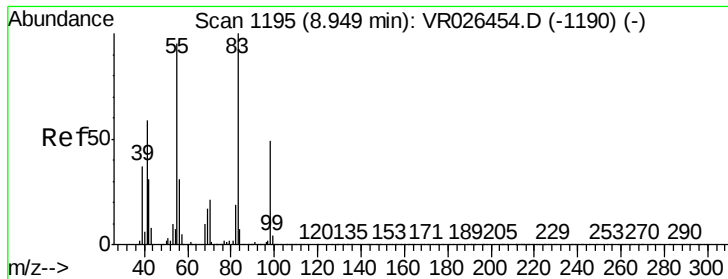


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0

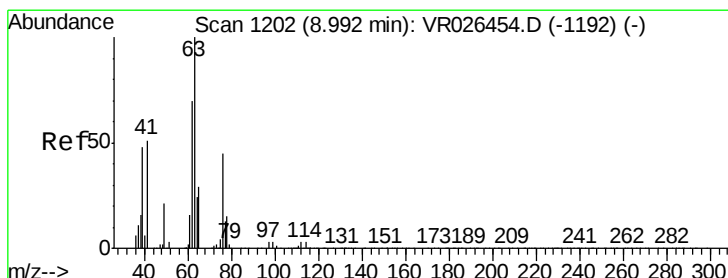
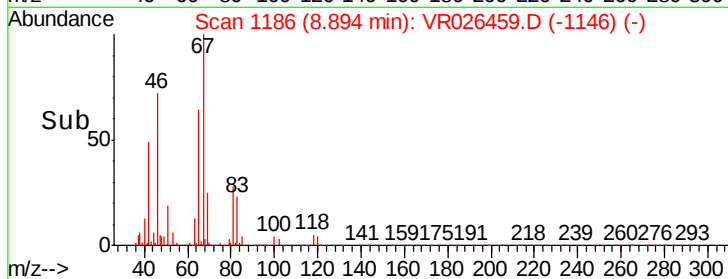
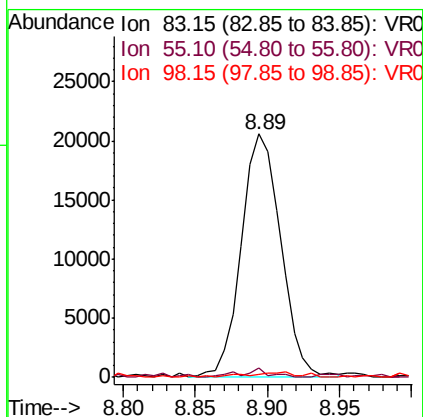
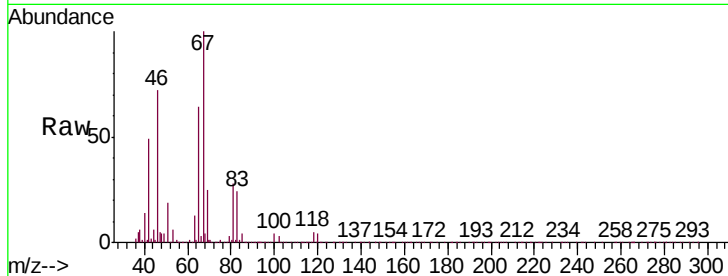




#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.05 min
Lab File: VR026459.D
Acq: 5 Apr 2019 12:41

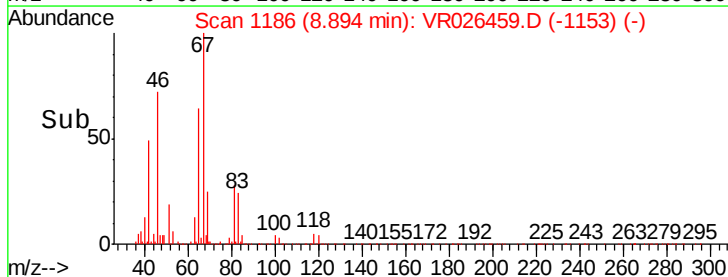
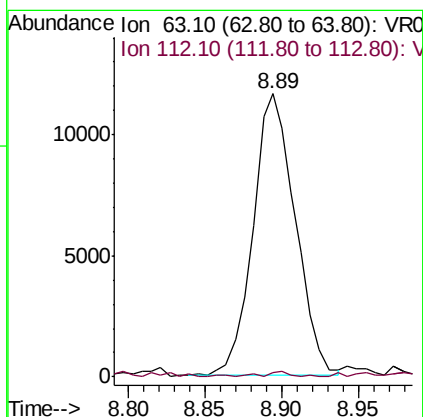
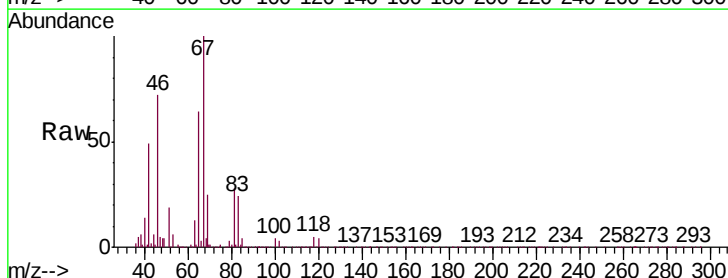
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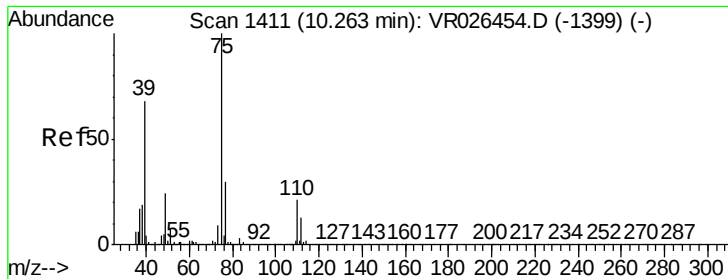
Tgt Ion: 83 Resp: 39220
Ion Ratio Lower Upper
83 100
55 2.5 73.8 110.6#
98 2.2 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026459.D
Acq: 5 Apr 2019 12:41

Tgt Ion: 63 Resp: 22270
Ion Ratio Lower Upper
63 100
112 1.2 2.8 4.2#

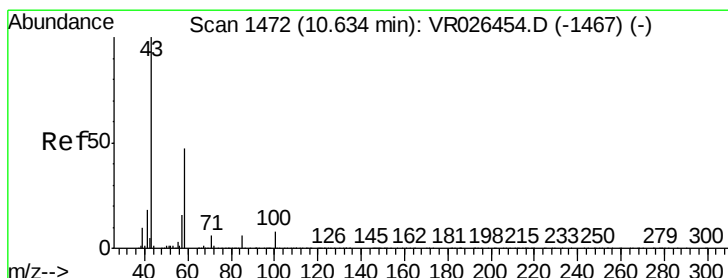
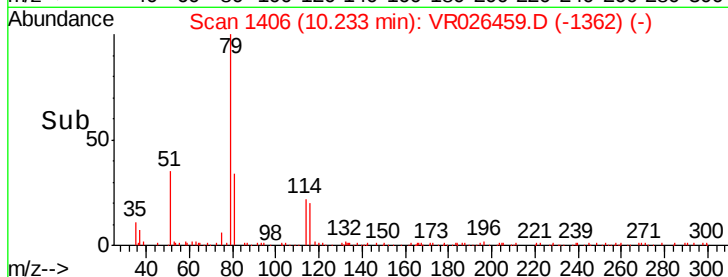
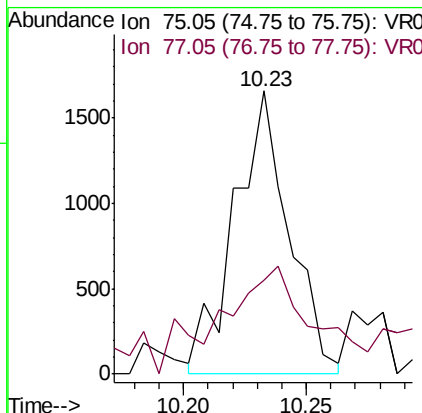
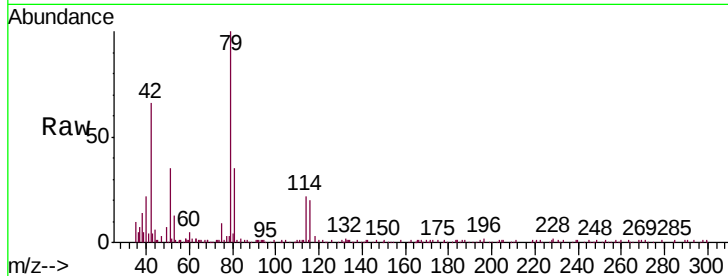




#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026459.D
Acq: 5 Apr 2019 12:41

Instrument :
MSVOA_R
ClientSampleId :
DB7D1

Tgt Ion: 75 Resp: 2581
Ion Ratio Lower Upper
75 100
77 33.3 22.7 42.1



#48
2-Hexanone
Concen: 3.274 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026459.D
Acq: 5 Apr 2019 12:41

Tgt Ion: 43 Resp: 22901
Ion Ratio Lower Upper
43 100
58 30.8 38.2 57.2#
57 28.9 13.8 20.6#
100 4.2 6.2 9.2#

