

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040919\
 Data File : VR026537.D
 Acq On : 10 Apr 2019 3:50
 Operator : SY/MD
 Sample : K2285-19
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZD7

Quant Time: Apr 10 07:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 07:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	474207	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	401725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119237	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	174434	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	2.63	69	153554	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	3.61	63	343816	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	6.59	46	174414	54.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	7.20	84	354438	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	7.90	65	152478	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	7.85	84	636264	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	8.90	67	173209	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	9.97	98	571522	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	10.23	79	34774	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	10.59	63	148195	62.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71617	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	122692	6.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	136.00%#

Target Compounds

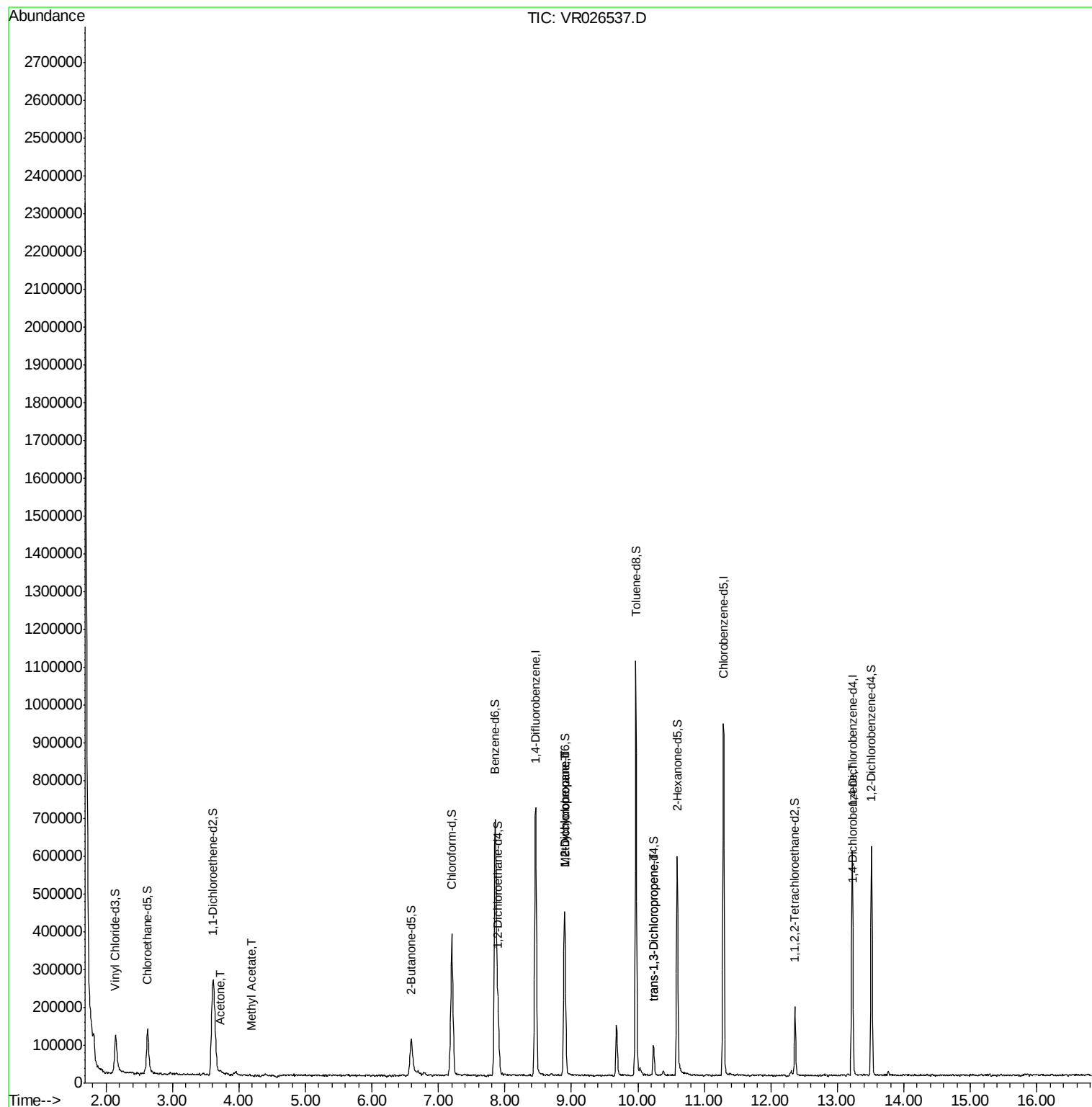
					Qvalue
13) Acetone	3.70	43	10240	3.154 ug/L	99
15) Methyl Acetate	4.18	43	722	0.082 ug/L	95
35) Methylcyclohexane	8.90	83	41945	0.699 ug/L #	14
37) 1,2-Dichloropropane	8.90	63	23369	0.679 ug/L #	92
44) trans-1,3-Dichloropropene	10.23	75	3188	0.117 ug/L	87
63) 1,4-Dichlorobenzene	13.24	146	4734	0.110 ug/L	82

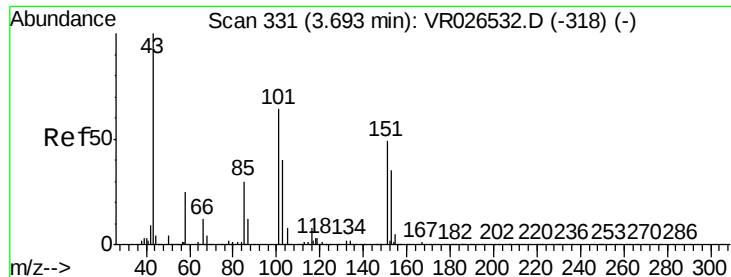
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.154 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

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ClientSampleId :

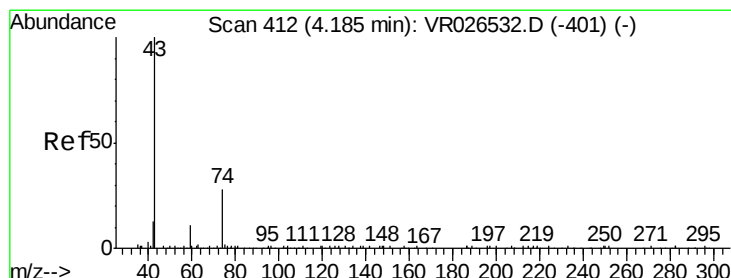
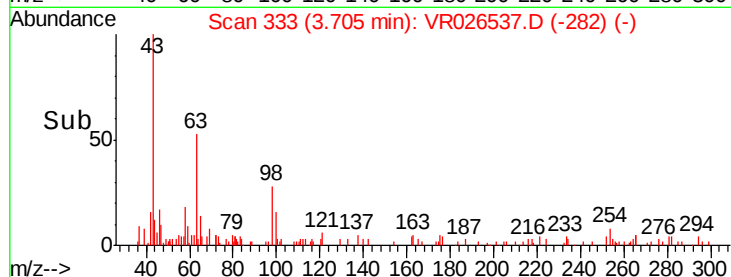
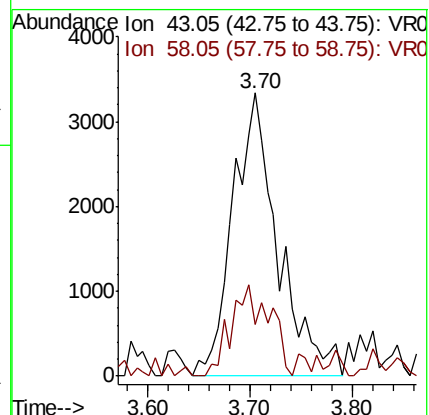
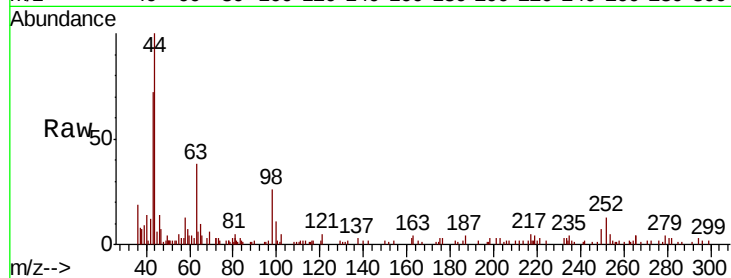
BEZD7

Tgt Ion: 43 Resp: 10240

Ion Ratio Lower Upper

43 100

58 27.5 0.0 53.8



#15

Methyl Acetate

Concen: 0.082 ug/L

RT: 4.18 min Scan# 411

Delta R.T. -0.01 min

Lab File: VR026537.D

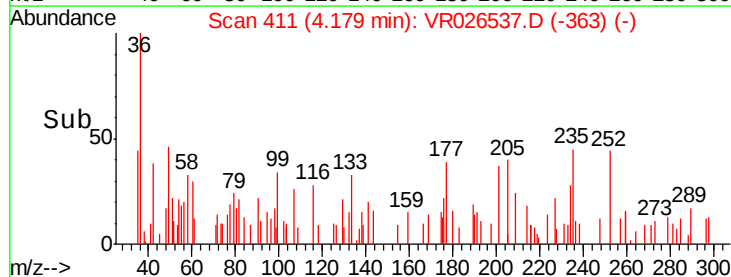
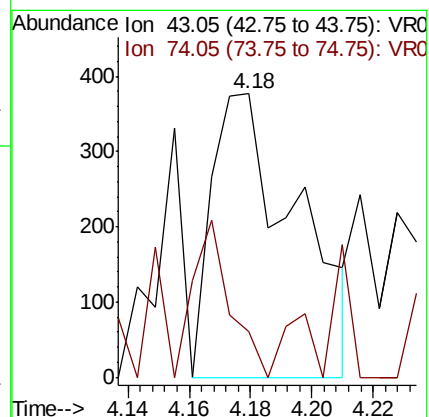
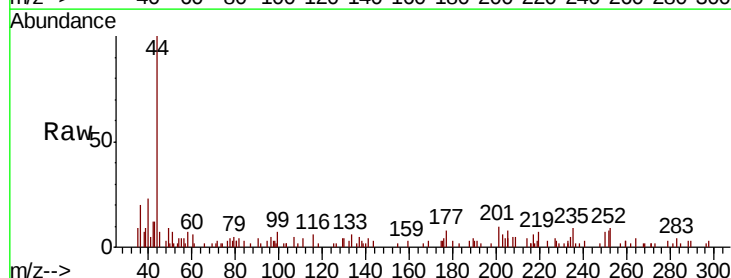
Acq: 10 Apr 2019 3:50

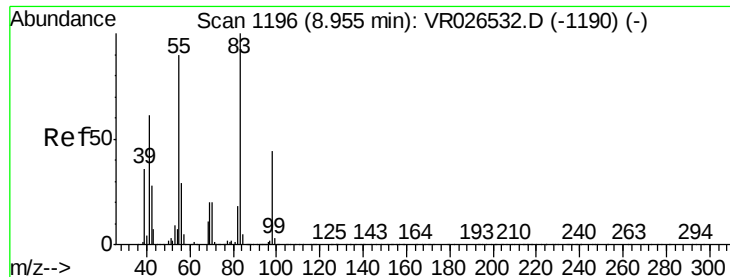
Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

43 100

74 24.2 17.5 26.3

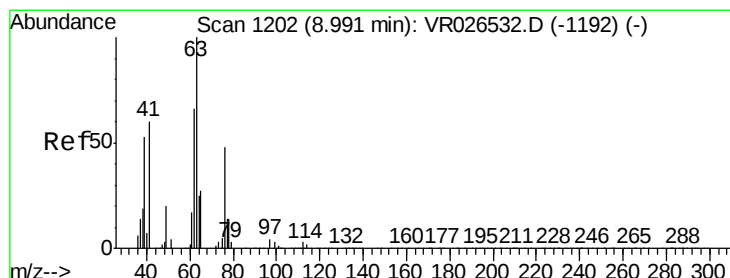
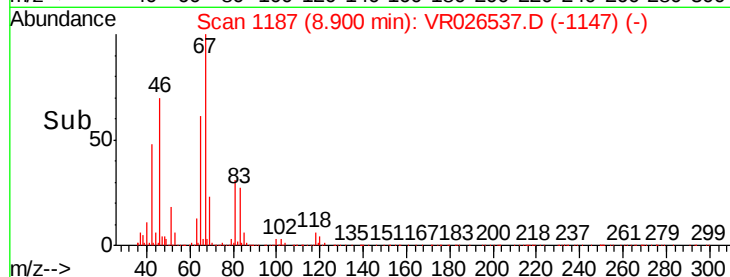
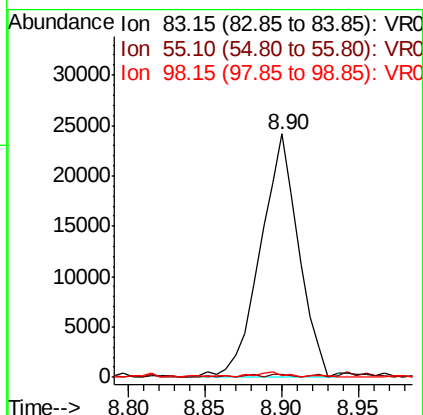
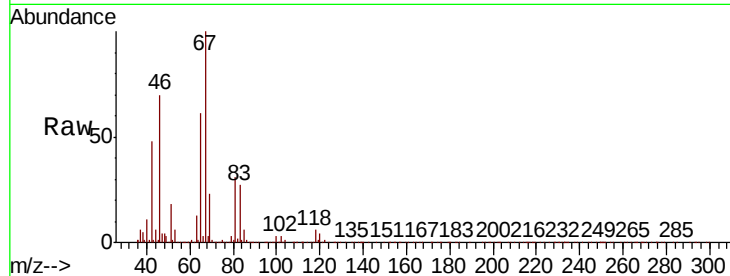




#35
Methylcyclohexane
Concen: 0.699 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026537.D
Acq: 10 Apr 2019 3:50

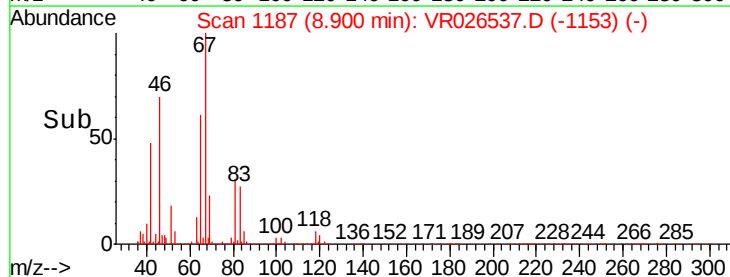
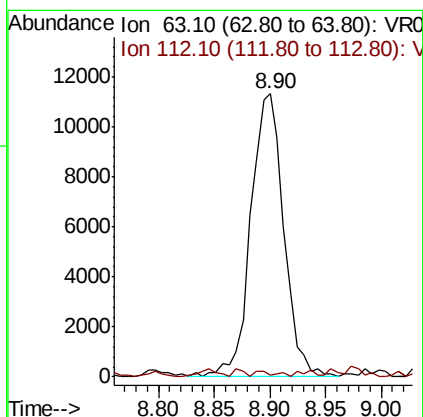
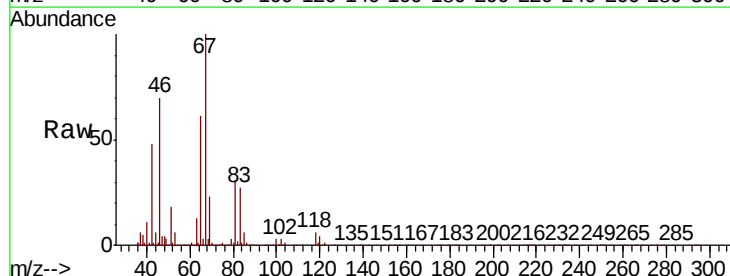
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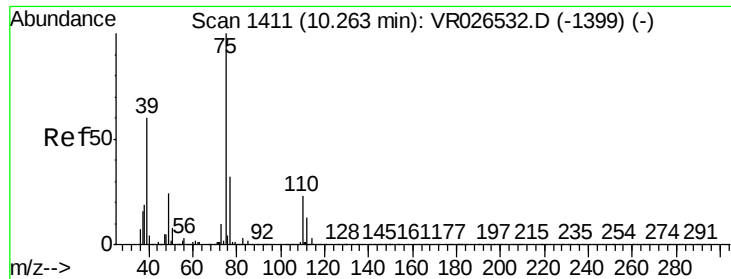
Tgt Ion: 83 Resp: 41945
Ion Ratio Lower Upper
83 100
55 0.6 73.8 110.6#
98 1.8 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026537.D
Acq: 10 Apr 2019 3:50

Tgt Ion: 63 Resp: 23369
Ion Ratio Lower Upper
63 100
112 1.0 2.8 4.2#





#44

trans-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 10.23 min Scan# 1405

Delta R.T. -0.04 min

Lab File: VR026537.D

Acq: 10 Apr 2019 3:50

Instrument :

MSVOA_R

ClientSampleId :

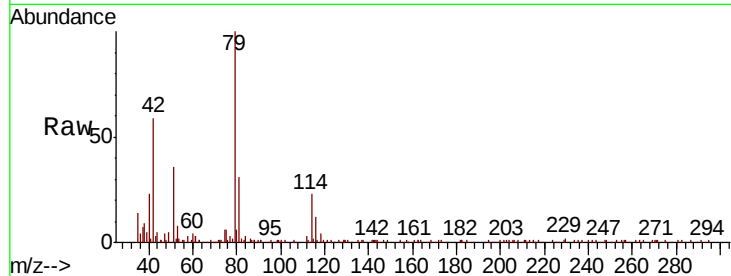
BEZD7

Tgt Ion: 75 Resp: 3188

Ion Ratio Lower Upper

75 100

77 25.2 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

10.23

1500

1000

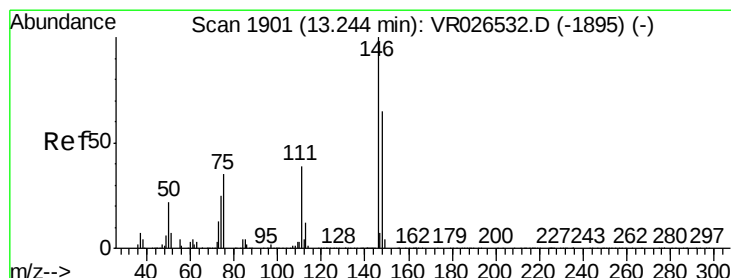
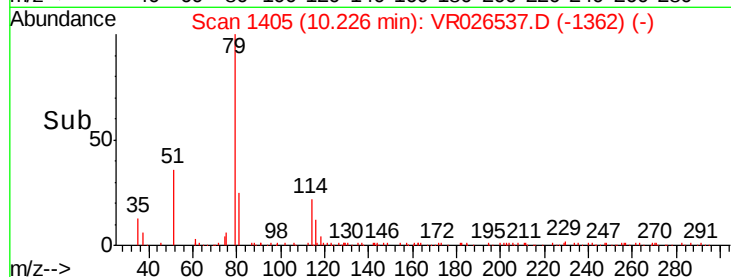
500

0

10.20

10.30

Time-->



#63

1,4-Dichlorobenzene

Concen: 0.110 ug/L

RT: 13.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: VR026537.D

Acq: 10 Apr 2019 3:50

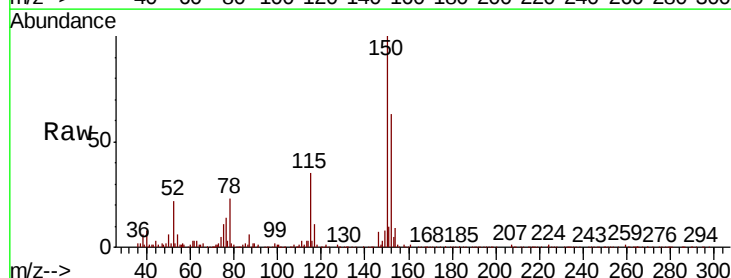
Tgt Ion: 146 Resp: 4734

Ion Ratio Lower Upper

146 100

111 50.9 30.5 56.7

148 46.0 45.0 83.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

13.24

3000

2000

1000

0

13.20

13.25

13.30

Time-->

