

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR122118\
 Data File : VR026288.D
 Acq On : 21 Dec 2018 18:59
 Operator : SY/MD
 Sample : J6535-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Dec 21 22:27:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 21 22:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	518856	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	434692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	130478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	152135	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	2.63	69	158153	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	3.61	63	323721	3.47	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	6.59	46	159683	54.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.92%
24) Chloroform-d	7.20	84	333755	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.90	65	133658	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	7.85	84	640699	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	8.90	67	175937	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	9.97	98	573628	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	10.24	79	40286	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	10.59	63	112842	58.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69242	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	119506	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

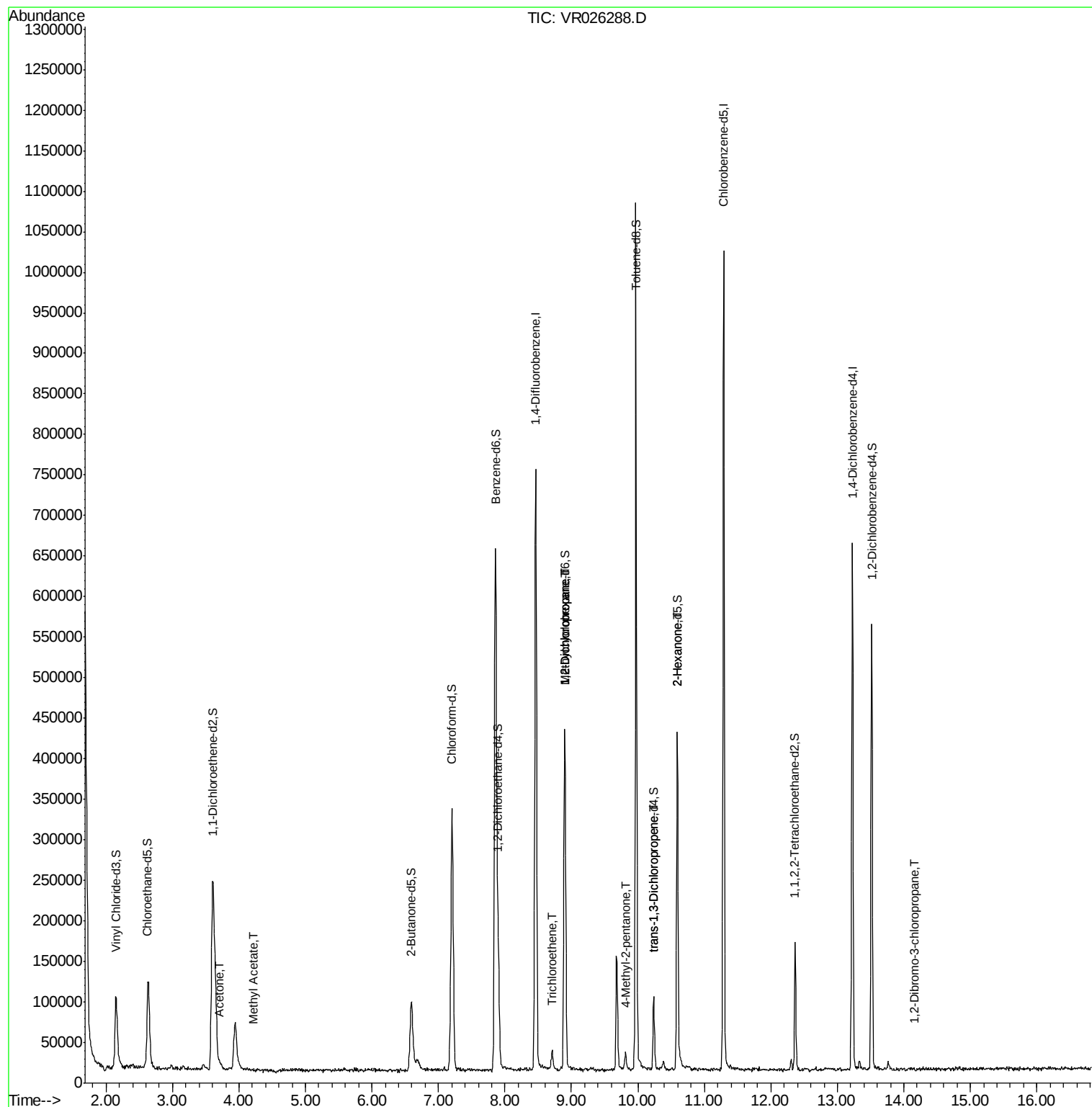
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.71	43	10279	3.441	ug/L	95
15) Methyl Acetate	4.22	43	944	0.118	ug/L #	77
34) Trichloroethene	8.72	95	7079	0.157	ug/L	84
35) Methylcyclohexane	8.90	83	40629	0.621	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	21466	0.613	ug/L #	94
40) 4-Methyl-2-pentanone	9.81	43	8971	1.064	ug/L #	51
44) trans-1,3-Dichloropropene	10.23	75	2934	0.107	ug/L	100
48) 2-Hexanone	10.59	43	16587	3.052	ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.16	75	354	0.289	ug/L #	38

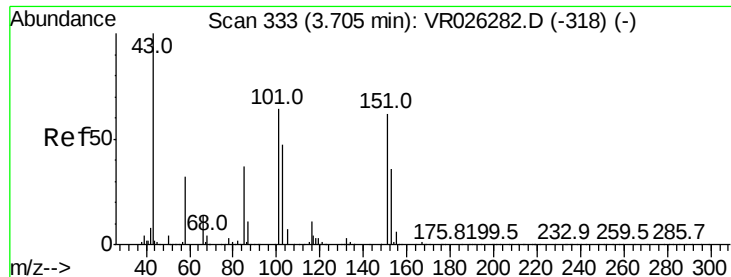
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.441 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR026288.D

Acq: 21 Dec 2018 18:59

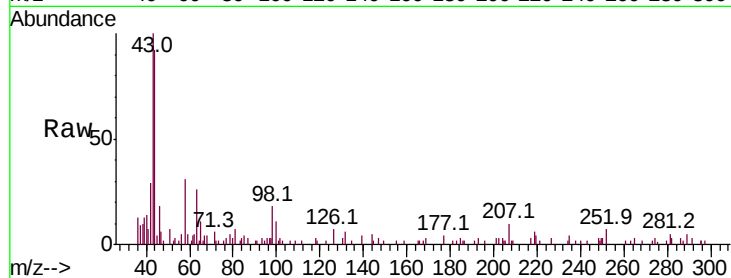
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 10279

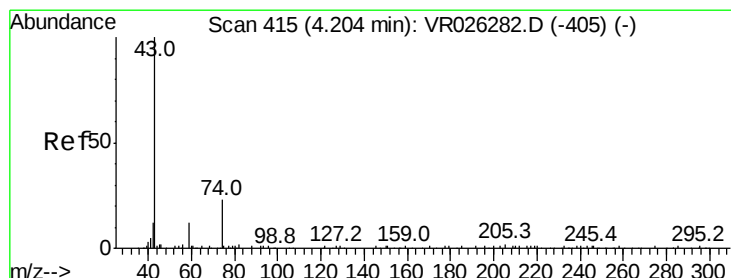
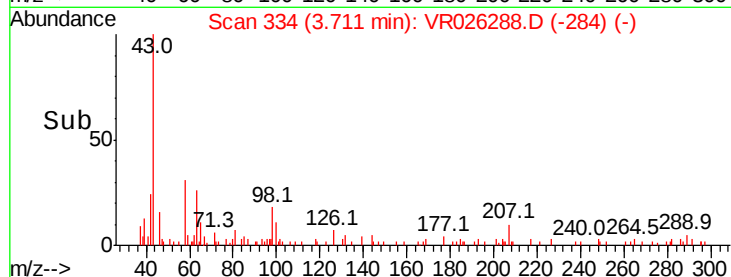
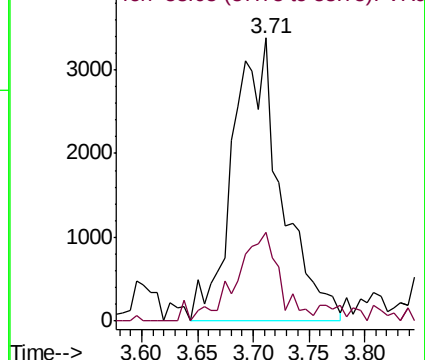
Ion Ratio Lower Upper

43 100

58 27.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.118 ug/L

RT: 4.22 min Scan# 418

Delta R.T. 0.02 min

Lab File: VR026288.D

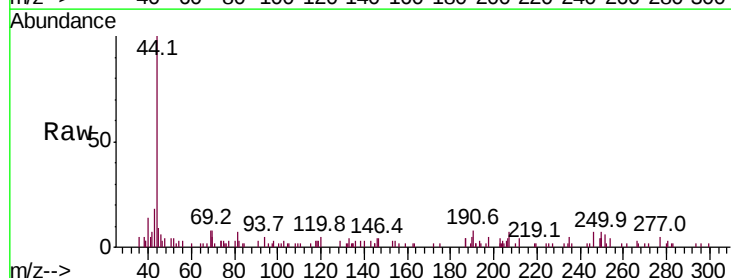
Acq: 21 Dec 2018 18:59

Tgt Ion: 43 Resp: 944

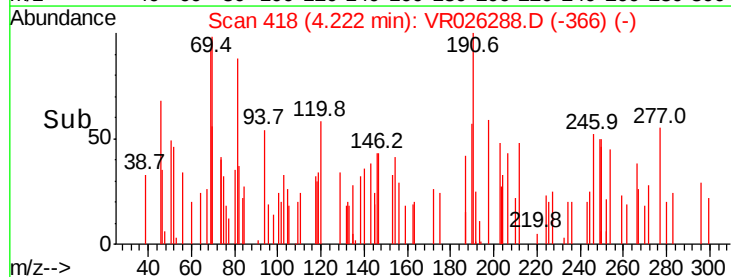
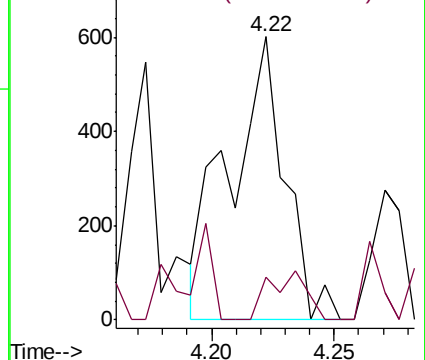
Ion Ratio Lower Upper

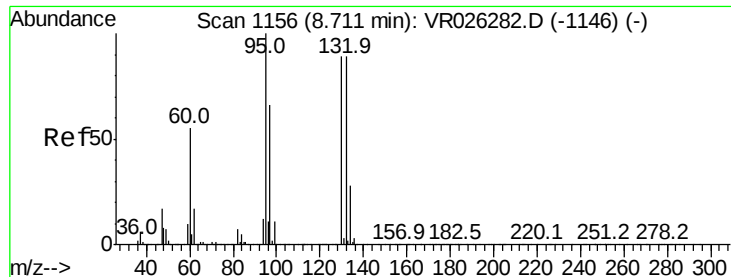
43 100

74 11.8 18.4 27.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 74.05 (73.75 to 74.75): VR0





#34

Trichloroethene

Concen: 0.157 ug/L

RT: 8.72 min Scan# 1157

Delta R.T. 0.01 min

Lab File: VR026288.D

Acq: 21 Dec 2018 18:59

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 95 Resp: 7079

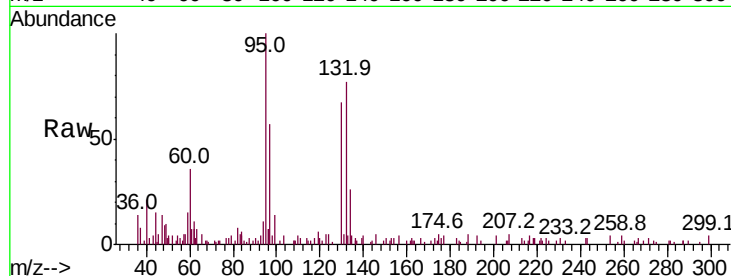
Ion Ratio Lower Upper

95 100

97 56.7 44.8 83.2

132 76.8 61.7 114.5

130 66.9 63.3 117.5



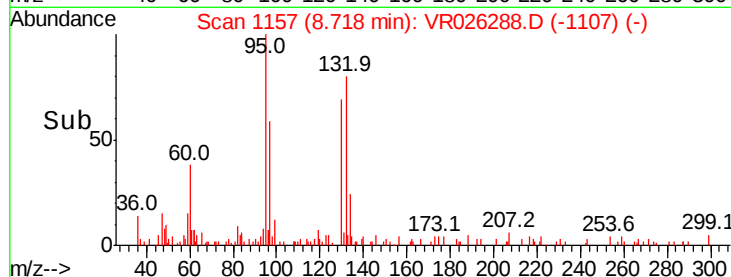
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

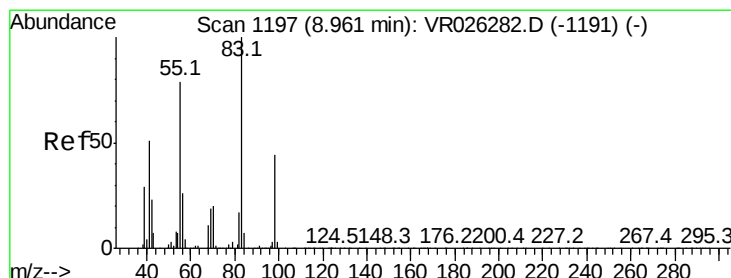
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

Time-->



Time-->



#35

Methylcyclohexane

Concen: 0.621 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.06 min

Lab File: VR026288.D

Acq: 21 Dec 2018 18:59

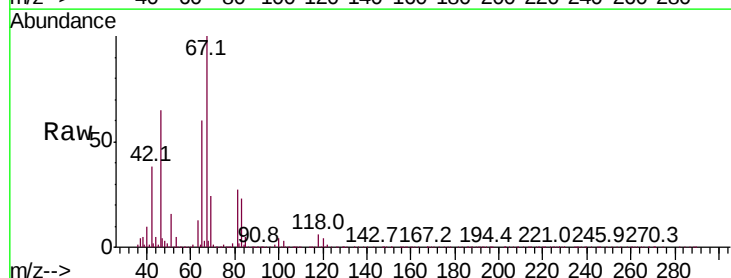
Tgt Ion: 83 Resp: 40629

Ion Ratio Lower Upper

83 100

55 0.7 66.6 99.8#

98 2.2 35.5 53.3#

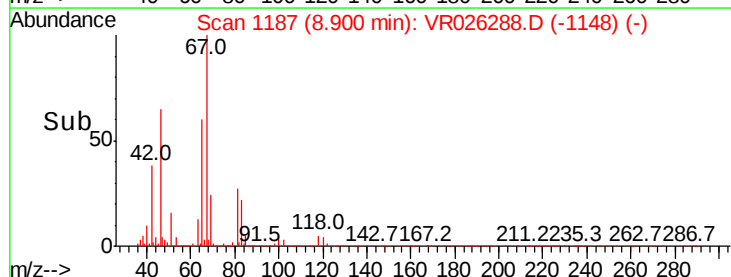


Abundance Ion 83.15 (82.85 to 83.85): VR0

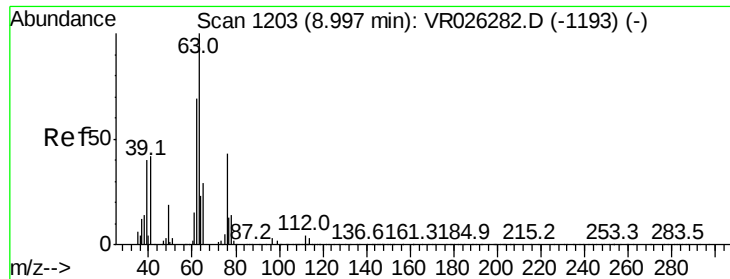
Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

Time-->



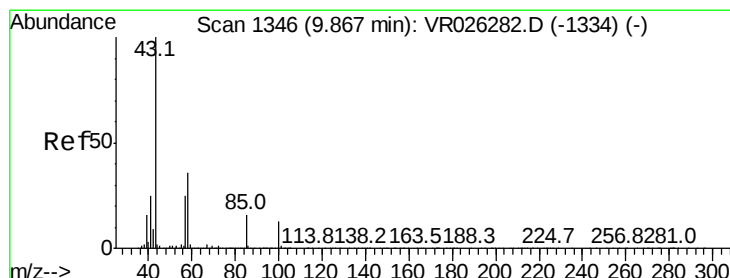
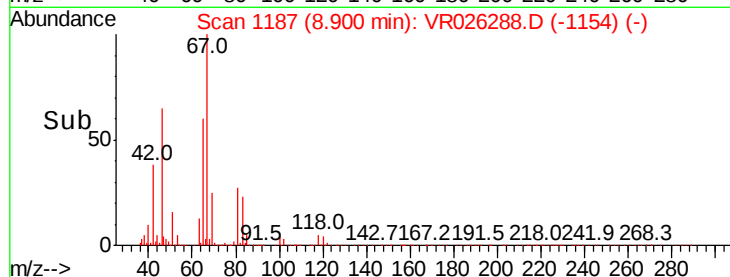
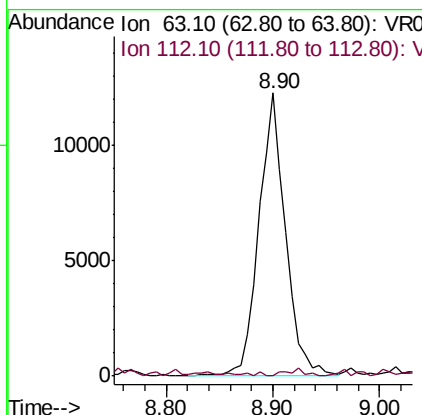
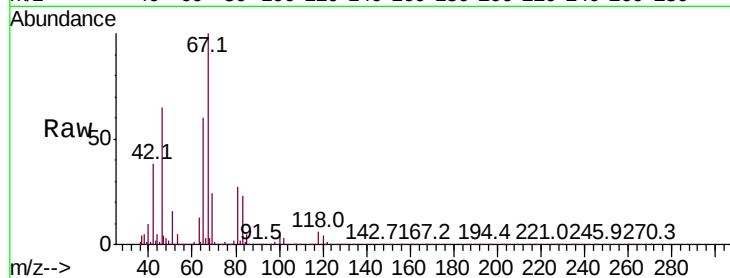
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.613 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR026288.D
 Acq: 21 Dec 2018 18:59

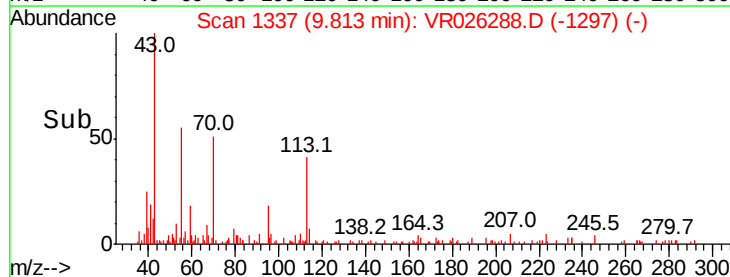
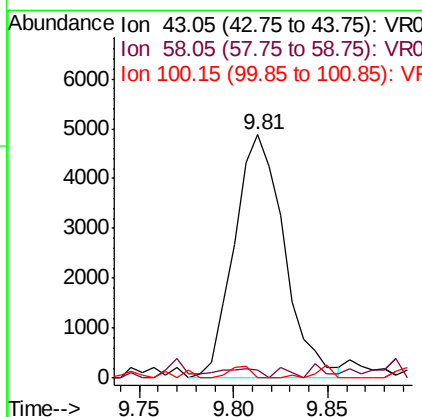
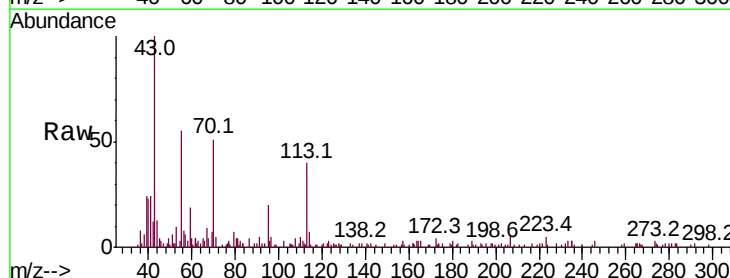
Instrument :
 MSVOA_R
 ClientSampleId :

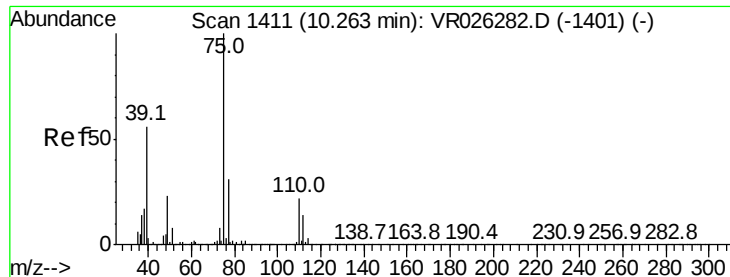
Tot Ion: 63 Resp: 21466
 Ion Ratio Lower Upper
 63 100
 112 1.8 3.0 4.6#



#40
 4-Methyl-2-pentanone
 Concen: 1.064 ug/L
 RT: 9.81 min Scan# 1337
 Delta R.T. -0.05 min
 Lab File: VR026288.D
 Acq: 21 Dec 2018 18:59

Tgt Ion: 43 Resp: 8971
 Ion Ratio Lower Upper
 43 100
 58 3.2 28.0 42.0#
 100 0.0 9.8 14.6#





#44

trans-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026288.D

Acq: 21 Dec 2018 18:59

Instrument :

MSVOA_R

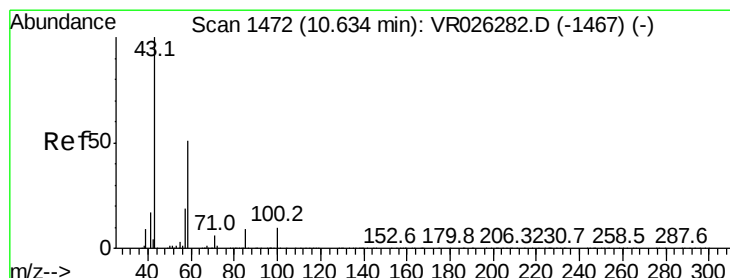
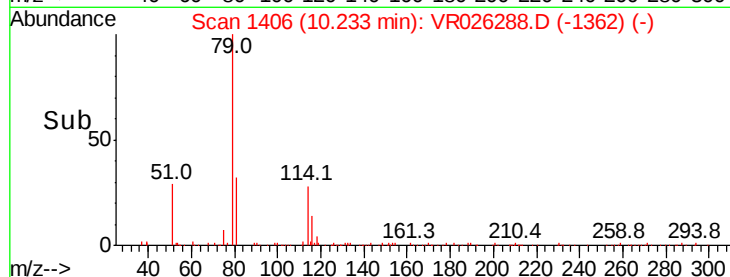
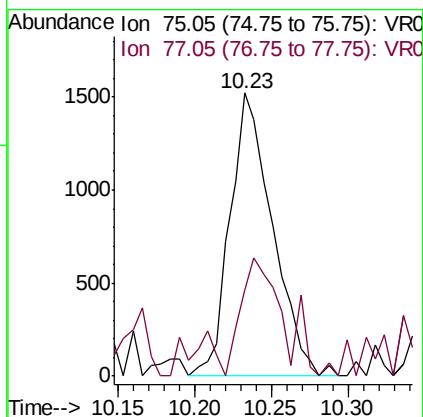
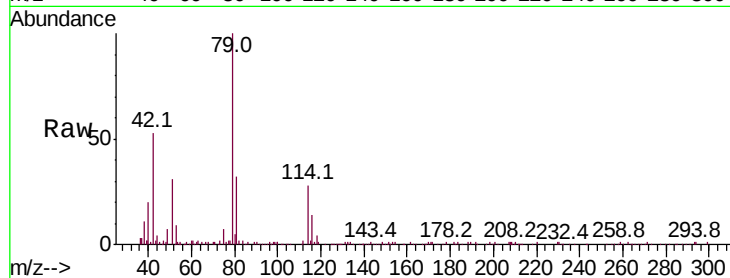
ClientSampleId :

Tot Ion: 75 Resp: 2934

Ion Ratio Lower Upper

75 100

77 30.3 21.2 39.4



#48

2-Hexanone

Concen: 3.052 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026288.D

Acq: 21 Dec 2018 18:59

Tgt Ion: 43 Resp: 16587

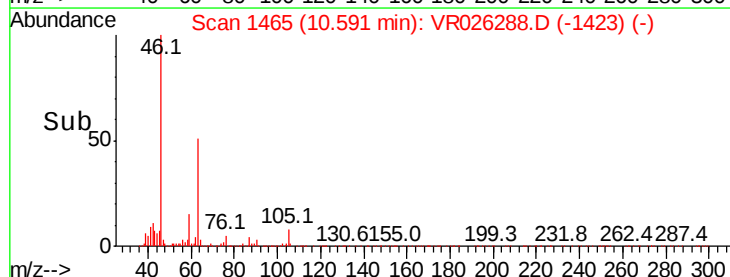
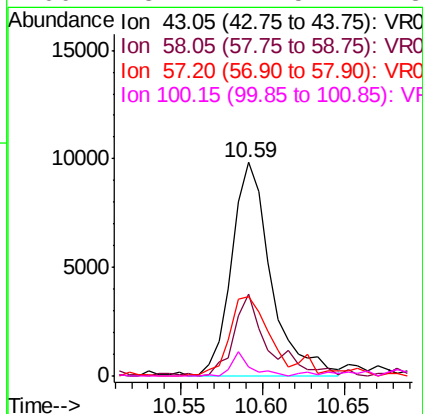
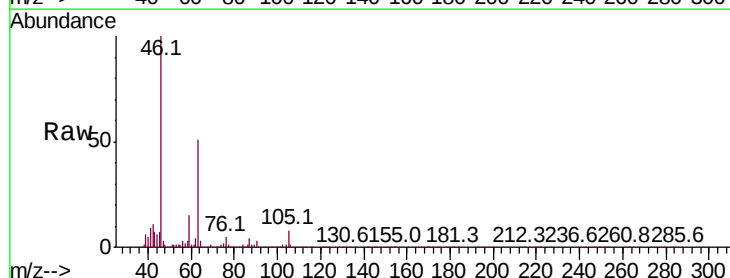
Ion Ratio Lower Upper

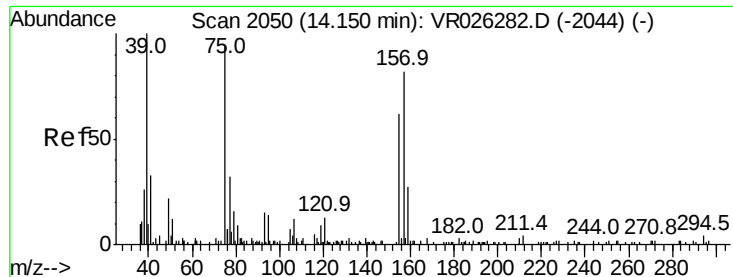
43 100

58 33.9 40.5 60.7#

57 40.6 14.2 21.4#

100 5.4 7.5 11.3#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.289 ug/L
 RT: 14.16 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: VR026288.D
 Acq: 21 Dec 2018 18:59

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 354
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.4 66.6#
 157 35.6 66.3 99.5#

