

Data File : VR026358.D
Acq On : 21 Feb 2019 13:18
Operator : SY/MD
Sample : K1531-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0TR7

Quant Time: Feb 22 06:21:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 06:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	523784	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	440133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	116601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	174361	4.21	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	2.63	69	165507	4.58	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	65.43%
11) 1,1-Dichloroethene-d2	3.61	63	341658	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	6.59	46	170538	54.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.34%
24) Chloroform-d	7.20	84	349480	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	7.90	65	138515	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	7.85	84	637526	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	8.89	67	174934	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	9.97	98	568816	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.24	79	41212	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.59	63	131419	54.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66371	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	119001	6.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.00%#

Target Compounds

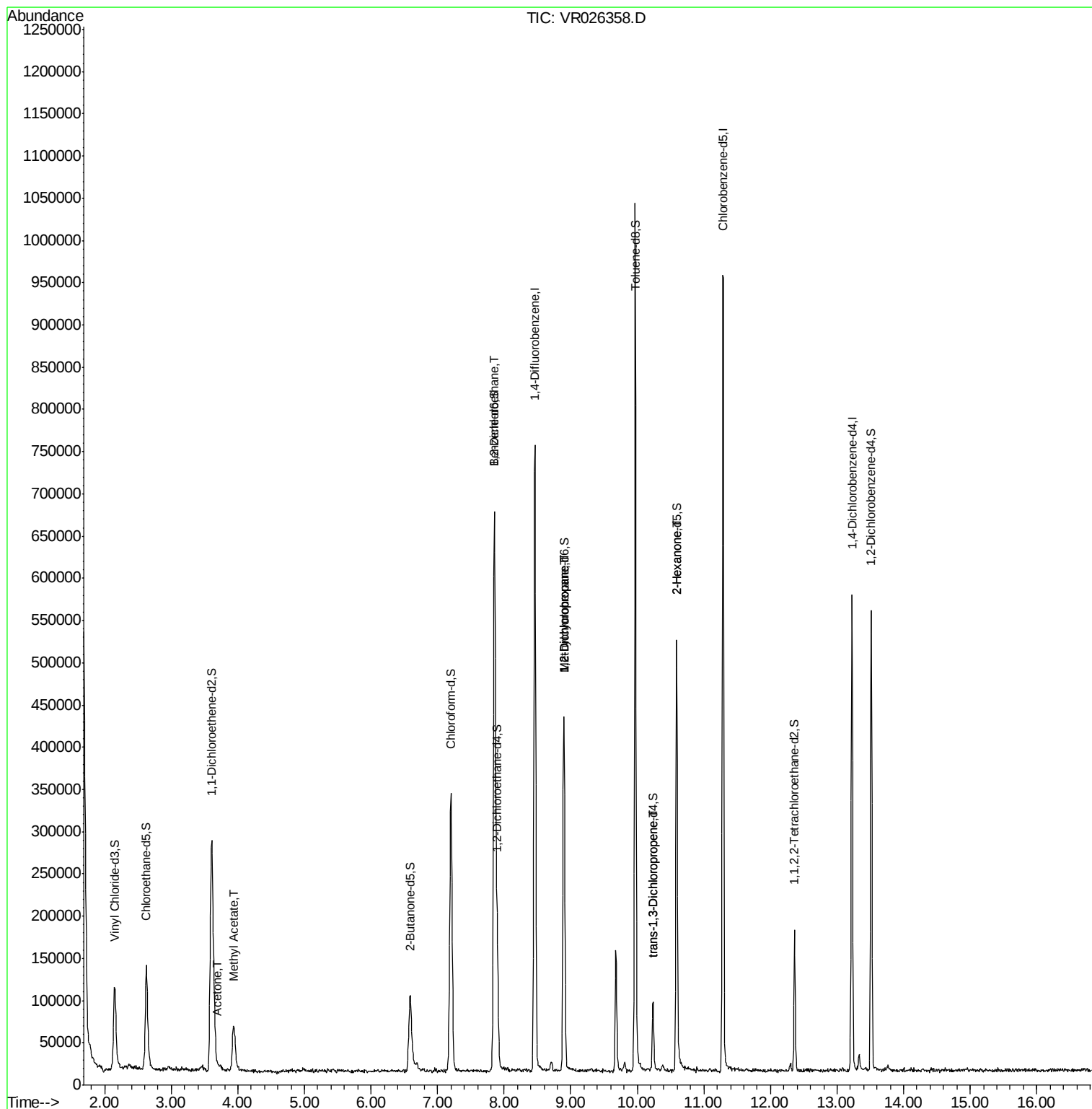
					Qvalue
13) Acetone	3.69	43	6010	1.815	ug/L 82
15) Methyl Acetate	3.93	43	25362	2.768	ug/L # 53
27) 1,2-Dichloroethane	7.85	62	4226	0.130	ug/L 100
35) Methylcyclohexane	8.90	83	42994	0.805	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	22004	0.636	ug/L # 89
44) trans-1,3-Dichloropropene	10.24	75	3388	0.125	ug/L 90
48) 2-Hexanone	10.59	43	22273	3.590	ug/L # 71

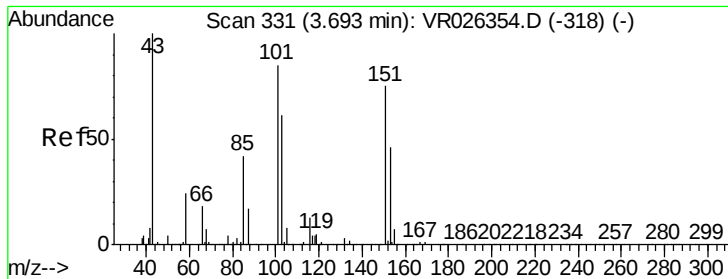
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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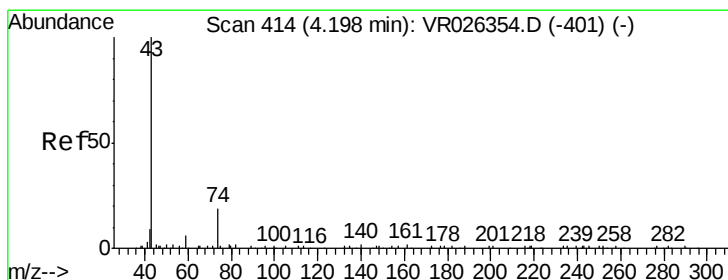
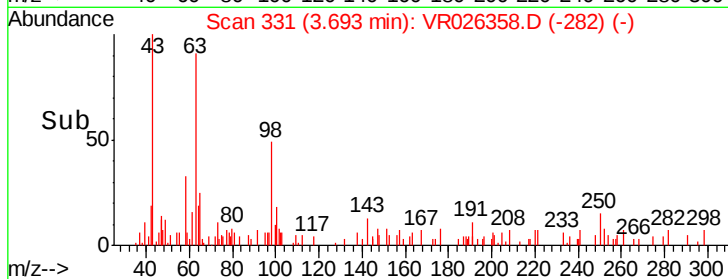
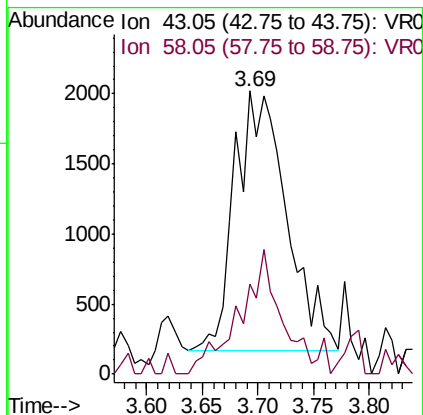
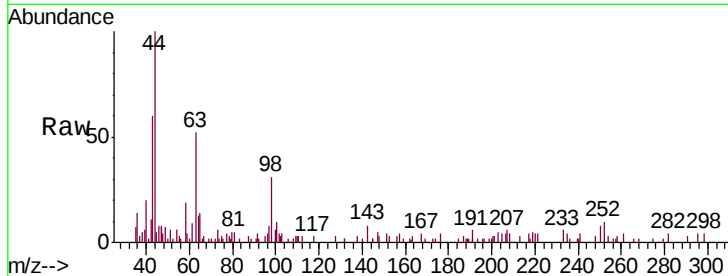




#13
Acetone
Concen: 1.815 ug/L
RT: 3.69 min Scan# 331
Delta R.T. 0.00 min
Lab File: VR026358.D
Acq: 21 Feb 2019 13:18

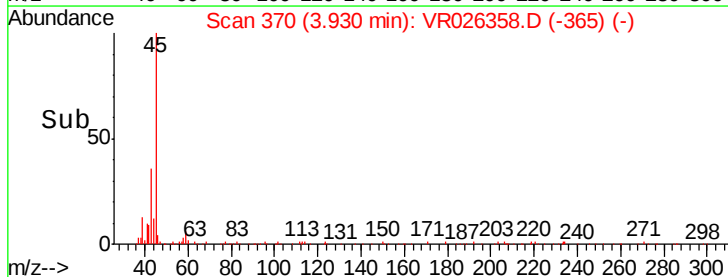
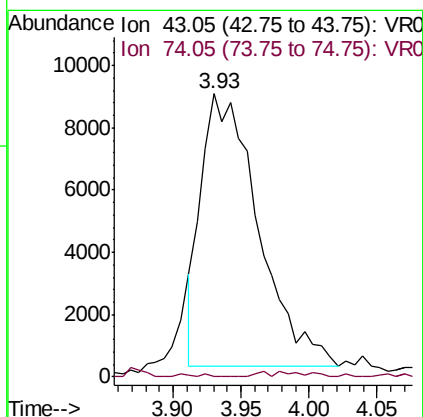
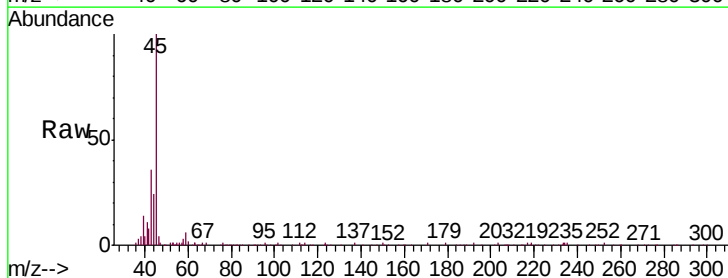
Instrument :
MSVOA_R
ClientSampleId :
C0TR7

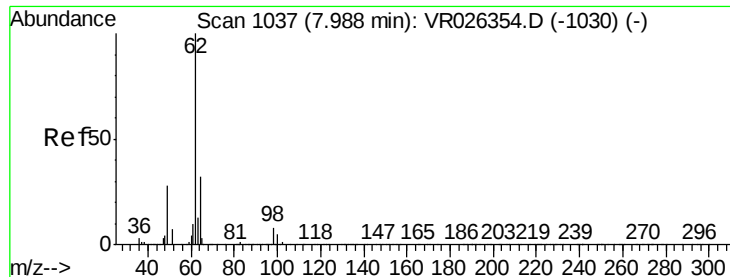
Tgt Ion: 43 Resp: 6010
Ion Ratio Lower Upper
43 100
58 38.6 0.0 58.0



#15
Methyl Acetate
Concen: 2.768 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.27 min
Lab File: VR026358.D
Acq: 21 Feb 2019 13:18

Tgt Ion: 43 Resp: 25362
Ion Ratio Lower Upper
43 100
74 0.4 18.6 28.0#





#27

1,2-Dichloroethane

Concen: 0.130 ug/L

RT: 7.85 min Scan# 1015

Delta R.T. -0.13 min

Lab File: VR026358.D

Acq: 21 Feb 2019 13:18

Instrument :

MSVOA_R

ClientSampleId :

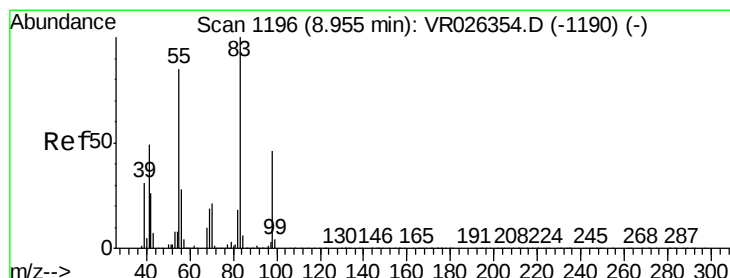
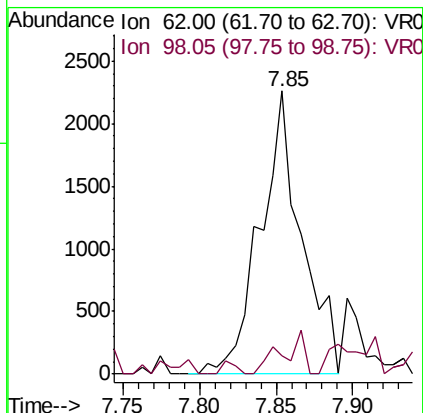
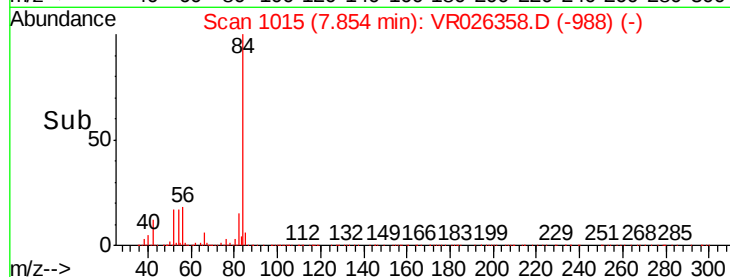
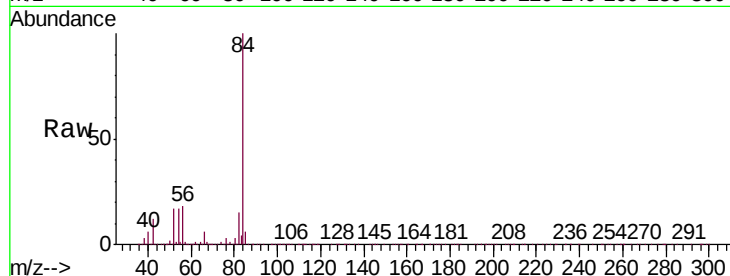
C0TR7

Tgt Ion: 62 Resp: 4226

Ion Ratio Lower Upper

62 100

98 6.5 5.1 7.7



#35

Methylcyclohexane

Concen: 0.805 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026358.D

Acq: 21 Feb 2019 13:18

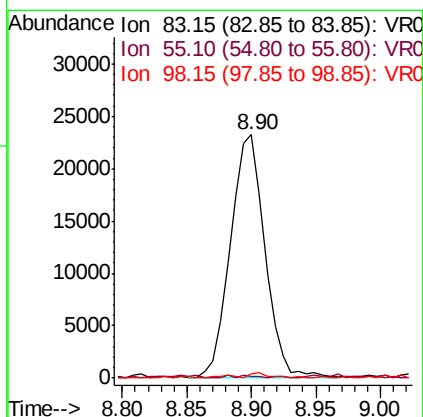
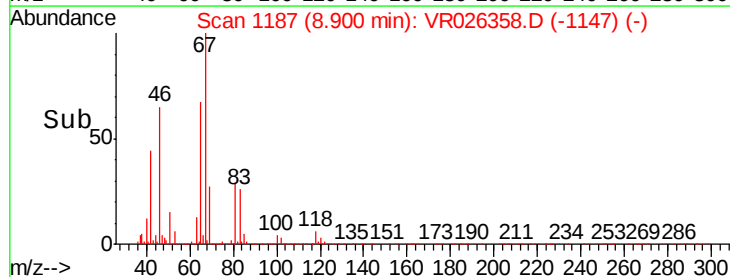
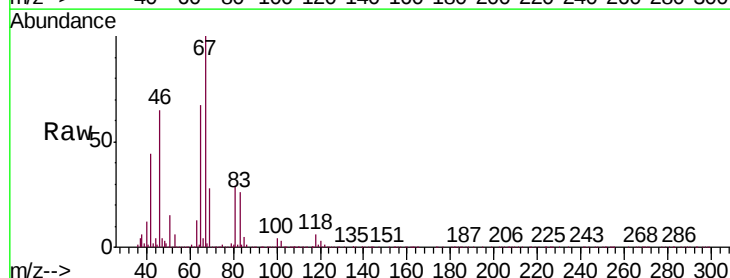
Tgt Ion: 83 Resp: 42994

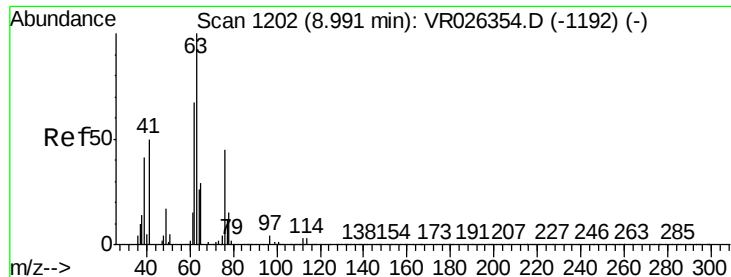
Ion Ratio Lower Upper

83 100

55 0.3 67.3 100.9#

98 1.4 37.0 55.4#

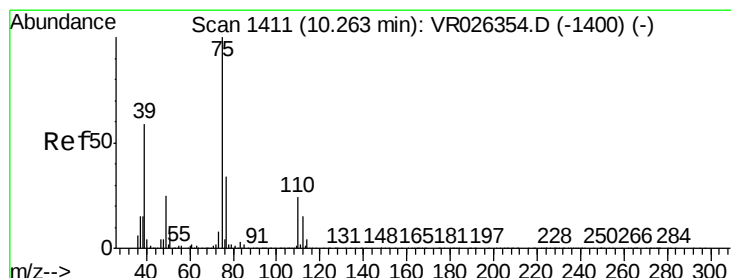
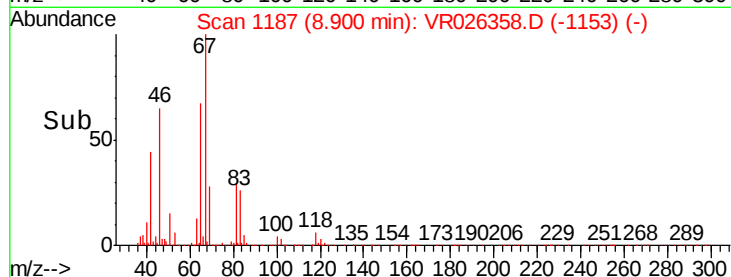
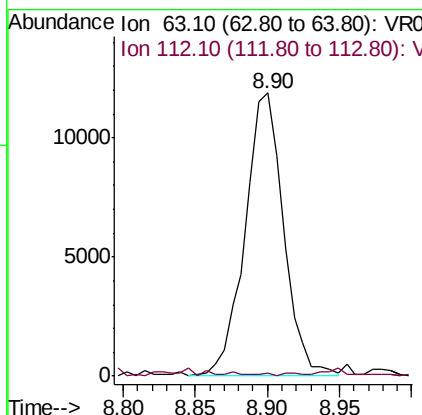
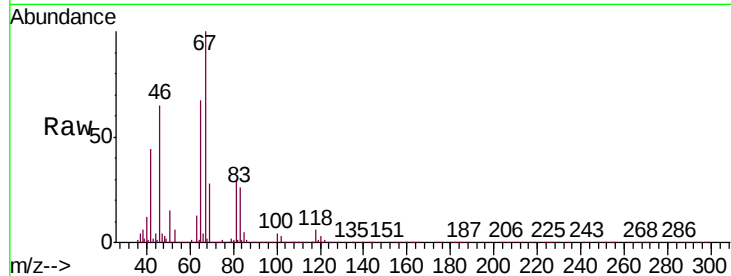




#37
 1,2-Dichloropropane
 Concen: 0.636 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026358.D
 Acq: 21 Feb 2019 13:18

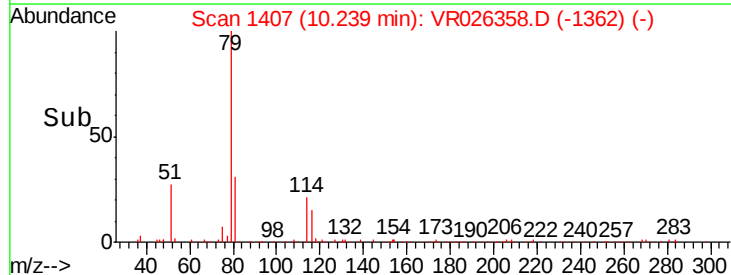
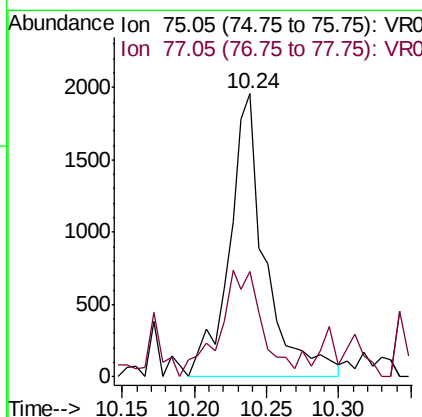
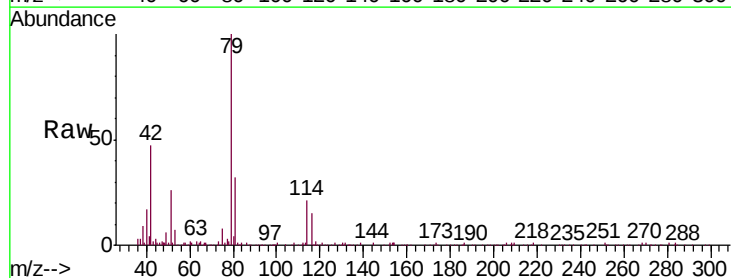
Instrument :
 MSVOA_R
 ClientSampled :
 C0TR7

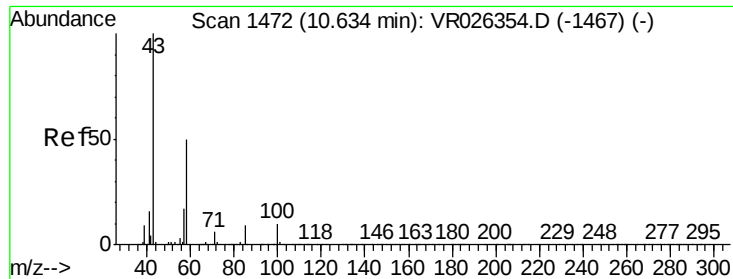
Tgt Ion: 63 Resp: 22004
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 10.24 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VR026358.D
 Acq: 21 Feb 2019 13:18

Tgt Ion: 75 Resp: 3388
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.5 41.7





#48

2-Hexanone

Concen: 3.590 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026358.D

Acq: 21 Feb 2019 13:18

Instrument :

MSVOA_R

ClientSampleId :

C0TR7

Tgt Ion: 43 Resp: 22273

Ion Ratio Lower Upper

43 100

58 31.1 39.1 58.7#

57 37.2 14.2 21.2#

100 5.2 7.6 11.4#

