

Data File : VR026371.D
Acq On : 25 Feb 2019 12:42
Operator : SY/MD
Sample : K1585-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AP1

Quant Time: Feb 26 06:20:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 26 06:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	638973	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	518454	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	166684	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	144754	2.32	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.40%
7) Chloroethane-d5	2.62	69	125462	2.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	49.00%#
11) 1,1-Dichloroethene-d2	3.60	63	290031	1.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.60%#
20) 2-Butanone-d5	6.58	46	177272	38.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.72%
24) Chloroform-d	7.20	84	315059	3.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.80%#
26) 1,2-Dichloroethane-d4	7.89	65	133402	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.60%#
32) Benzene-d6	7.85	84	567549	2.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.20%#
36) 1,2-Dichloropropane-d6	8.89	67	159125	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.40%
41) Toluene-d8	9.97	98	490047	2.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.80%#
43) trans-1,3-Dichloropropene-	10.23	79	37581	2.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.60%
46) 2-Hexanone-d5	10.59	63	130847	39.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59903	3.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.00%#
64) 1,2-Dichlorobenzene-d4	13.51	152	103389	3.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.80%#

Target Compounds

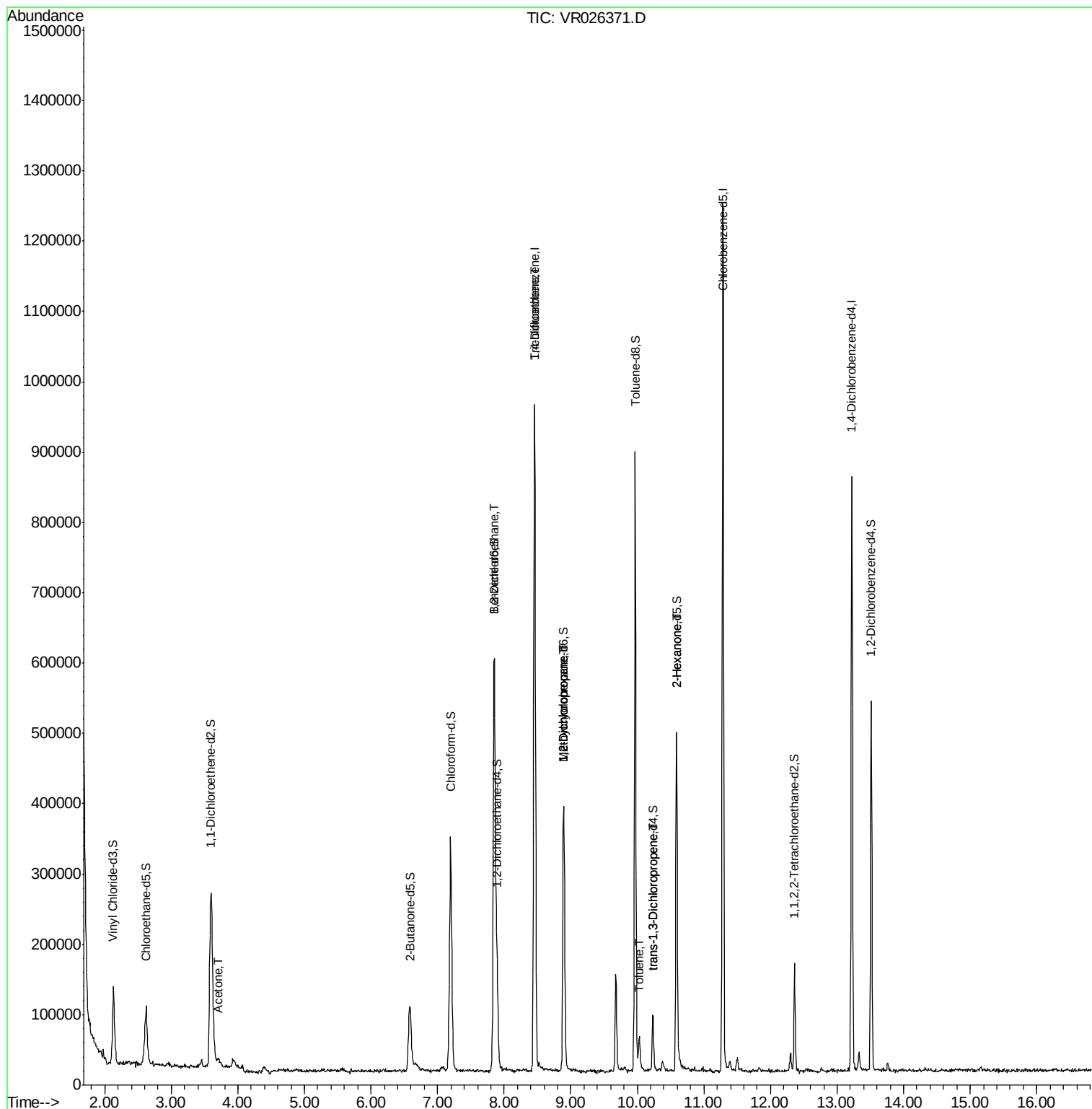
					Qvalue
13) Acetone	3.70	43	12668	3.087 ug/L	95
27) 1,2-Dichloroethane	7.86	62	4789	0.113 ug/L	98
34) Trichloroethene	8.46	95	21603	0.431 ug/L #	11
35) Methylcyclohexane	8.90	83	37309	0.525 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20516	0.485 ug/L #	88
42) Toluene	10.03	91	27981	0.140 ug/L	97
44) trans-1,3-Dichloropropene	10.24	75	3077	0.091 ug/L	97
48) 2-Hexanone	10.59	43	22940	2.870 ug/L #	68

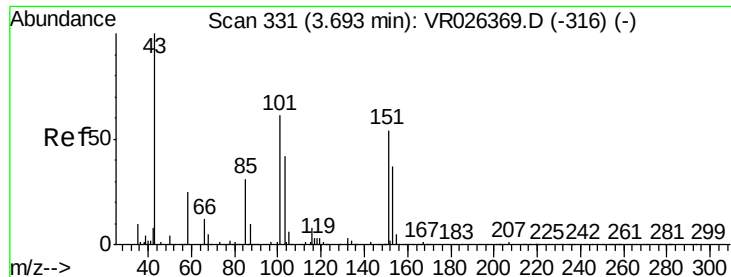
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.087 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

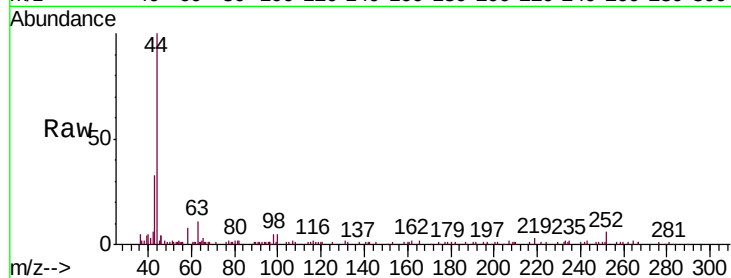
C0AP1

Tgt Ion: 43 Resp: 12668

Ion Ratio Lower Upper

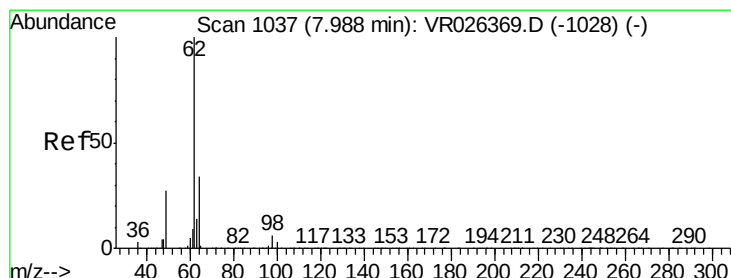
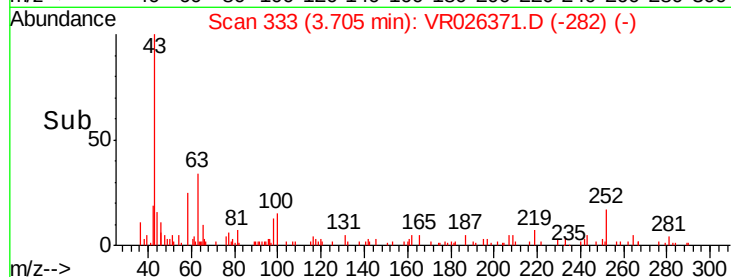
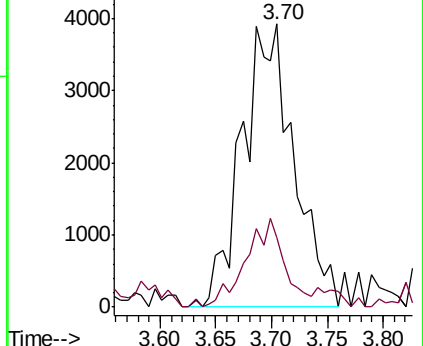
43 100

58 23.4 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 7.86 min Scan# 1016

Delta R.T. -0.13 min

Lab File: VR026371.D

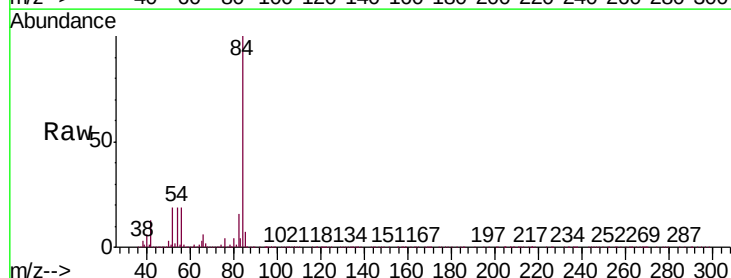
Acq: 25 Feb 2019 12:42

Tgt Ion: 62 Resp: 4789

Ion Ratio Lower Upper

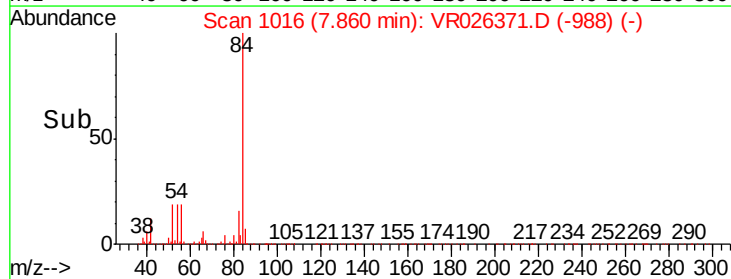
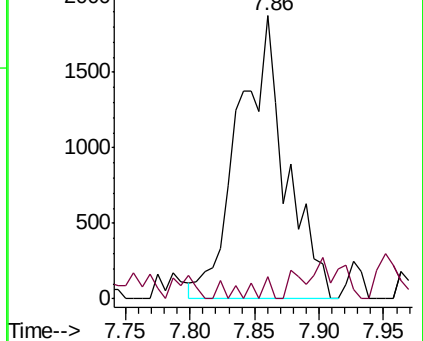
62 100

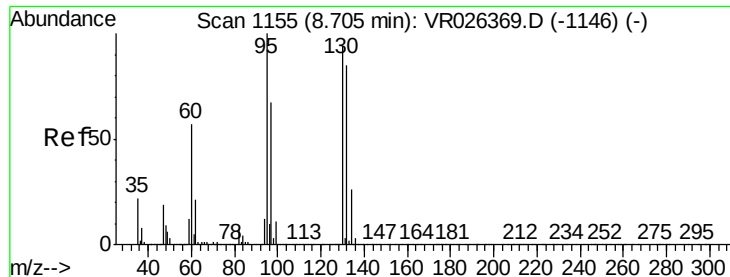
98 7.8 5.7 8.5



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0





#34

Trichloroethene

Concen: 0.431 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026371.D

Acq: 25 Feb 2019 12:42

Instrument :

MSVOA_R

ClientSampleId :

C0AP1

Tgt Ion: 95 Resp: 21603

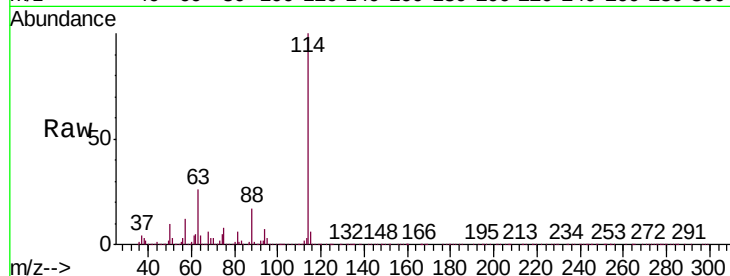
Ion Ratio Lower Upper

95 100

97 1.3 43.5 80.7#

132 1.0 58.6 108.8#

130 0.0 59.4 110.2#

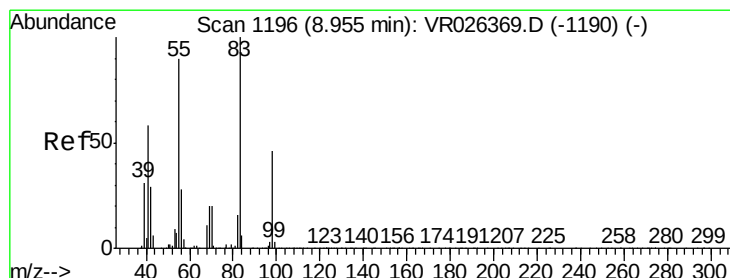
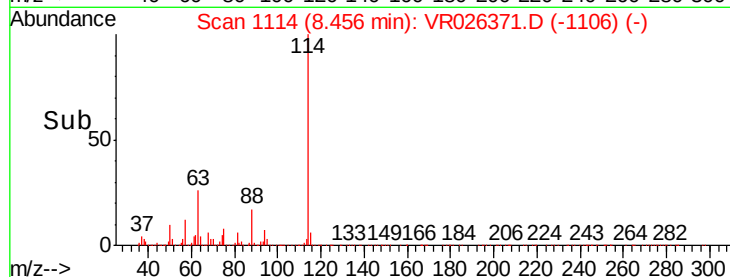
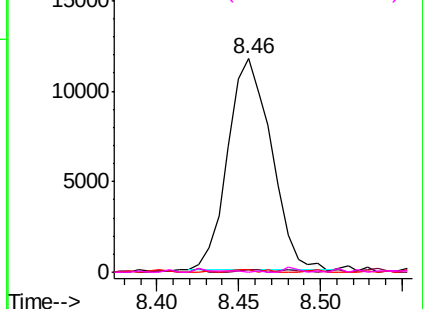


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): VR0

Ion 129.95 (129.65 to 130.65): VR0



#35

Methylcyclohexane

Concen: 0.525 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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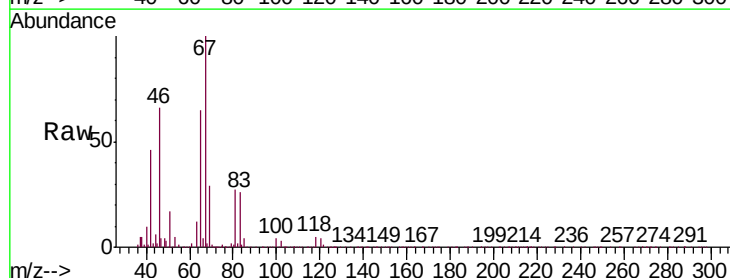
Tgt Ion: 83 Resp: 37309

Ion Ratio Lower Upper

83 100

55 1.2 72.2 108.2#

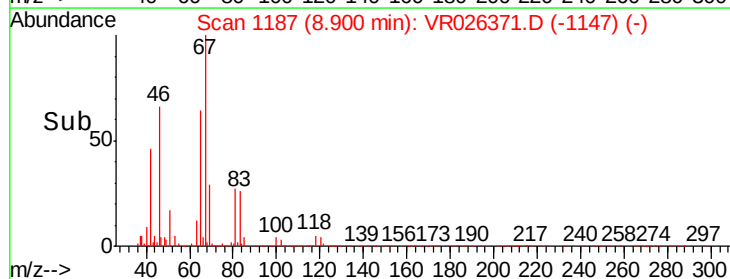
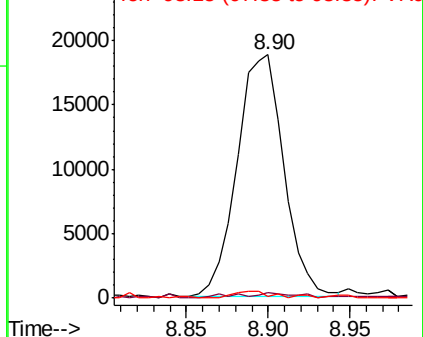
98 2.3 35.0 52.4#

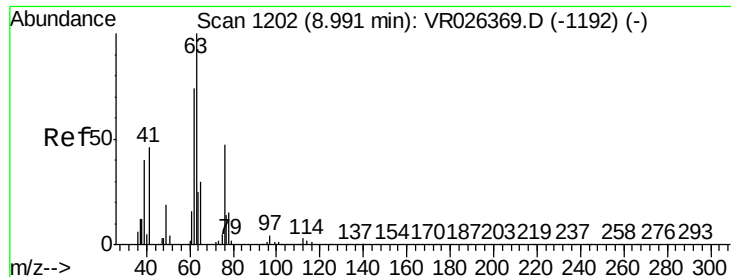


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

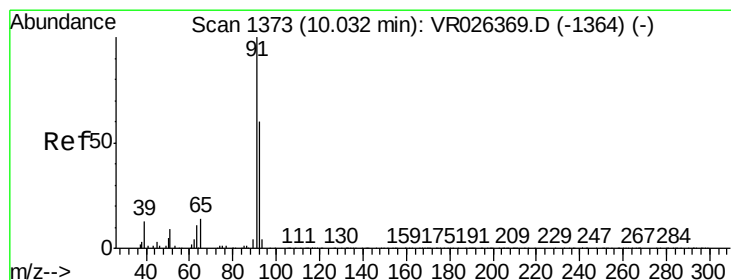
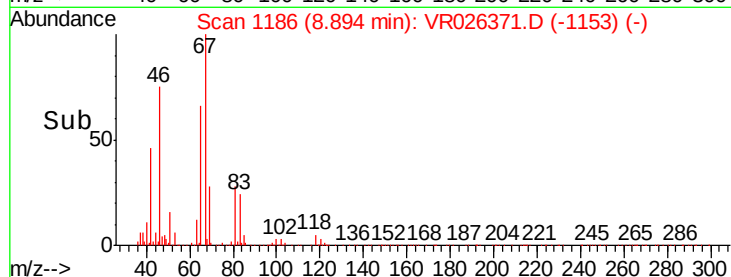
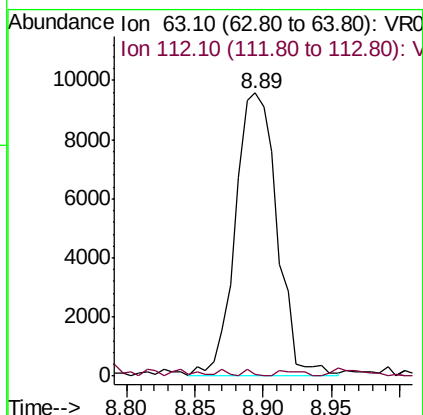
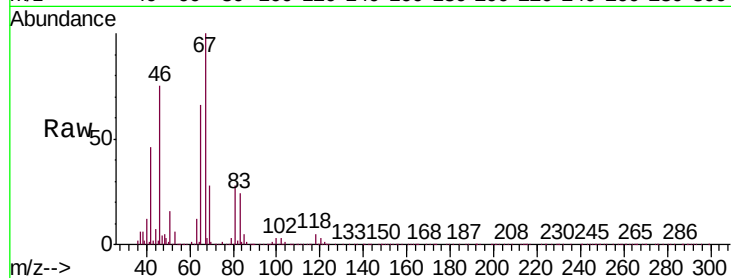




#37
 1,2-Dichloropropane
 Concen: 0.485 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026371.D
 Acq: 25 Feb 2019 12:42

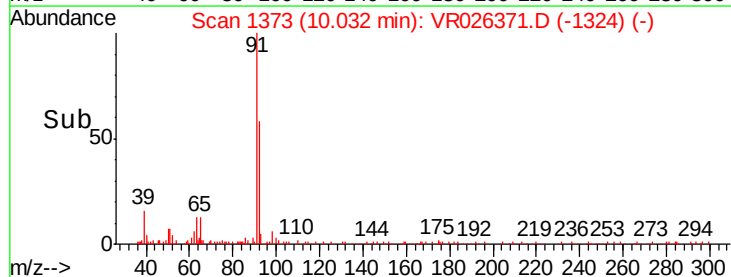
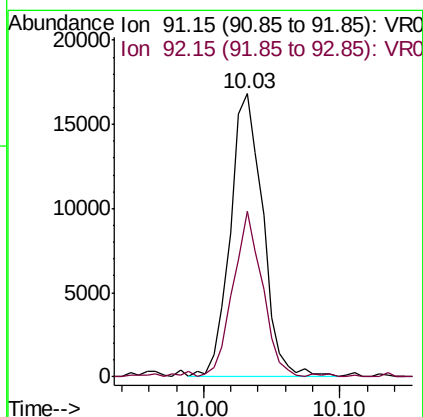
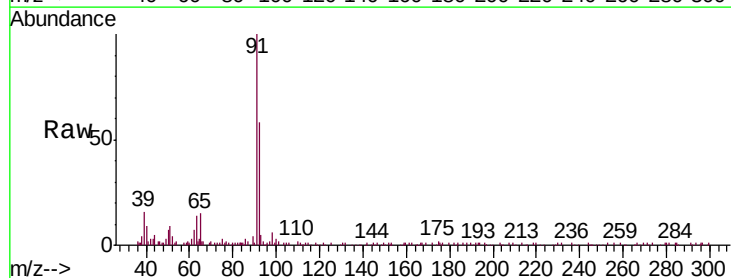
Instrument :
 MSVOA_R
 ClientSampled :
 C0AP1

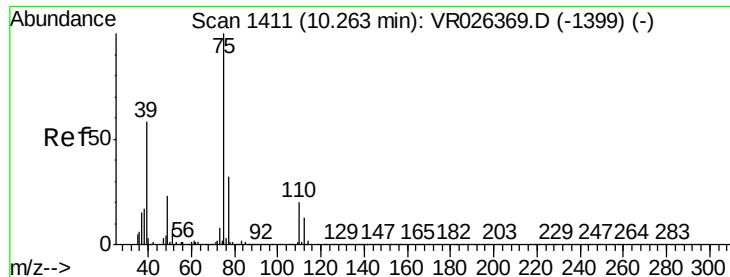
Tgt Ion: 63 Resp: 20516
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



#42
 Toluene
 Concen: 0.140 ug/L
 RT: 10.03 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: VR026371.D
 Acq: 25 Feb 2019 12:42

Tgt Ion: 91 Resp: 27981
 Ion Ratio Lower Upper
 91 100
 92 58.4 39.6 73.6





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026371.D

Acq: 25 Feb 2019 12:42

Instrument :

MSVOA_R

ClientSampleId :

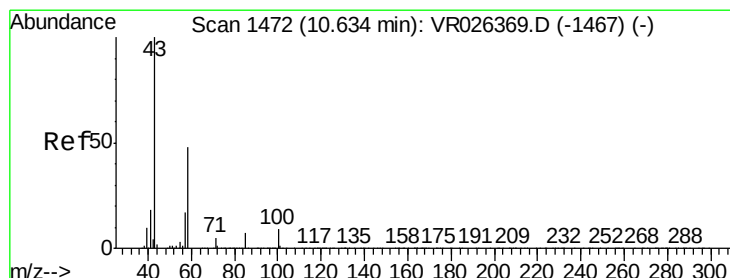
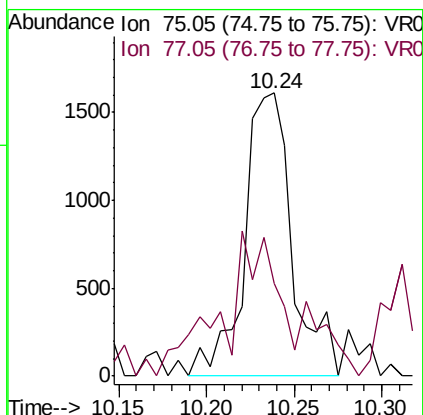
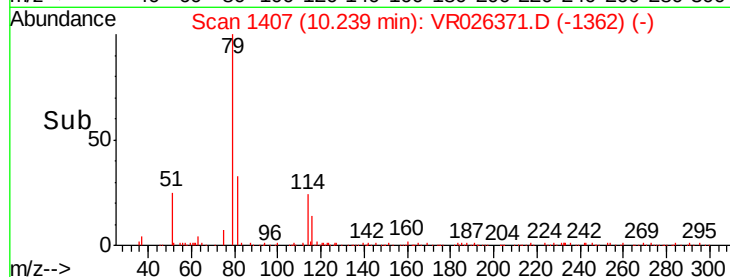
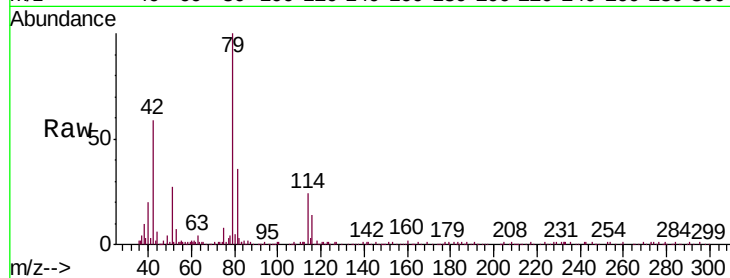
C0AP1

Tgt Ion: 75 Resp: 3077

Ion Ratio Lower Upper

75 100

77 32.5 23.9 44.3



#48

2-Hexanone

Concen: 2.870 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026371.D

Acq: 25 Feb 2019 12:42

Tgt Ion: 43 Resp: 22940

Ion Ratio Lower Upper

43 100

58 24.4 38.4 57.6#

57 31.0 13.2 19.8#

100 3.3 6.3 9.5#

