

Data File : VR026417.D
Acq On : 28 Feb 2019 14:05
Operator : SY/MD
Sample : K1588-18
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09K3

Quant Time: Mar 01 06:33:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	480990	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	397604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	128303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	140518	2.99	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.80%
7) Chloroethane-d5	2.63	69	131970	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	3.60	63	276249	2.50	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	6.59	46	195269	56.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.72%
24) Chloroform-d	7.20	84	317047	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	7.89	65	141054	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.85	84	544583	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.80%
36) 1,2-Dichloropropane-d6	8.89	67	162715	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	9.97	98	461928	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloropropene-	10.23	79	29860	2.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.80%
46) 2-Hexanone-d5	10.59	63	144115	57.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62584	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	100825	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

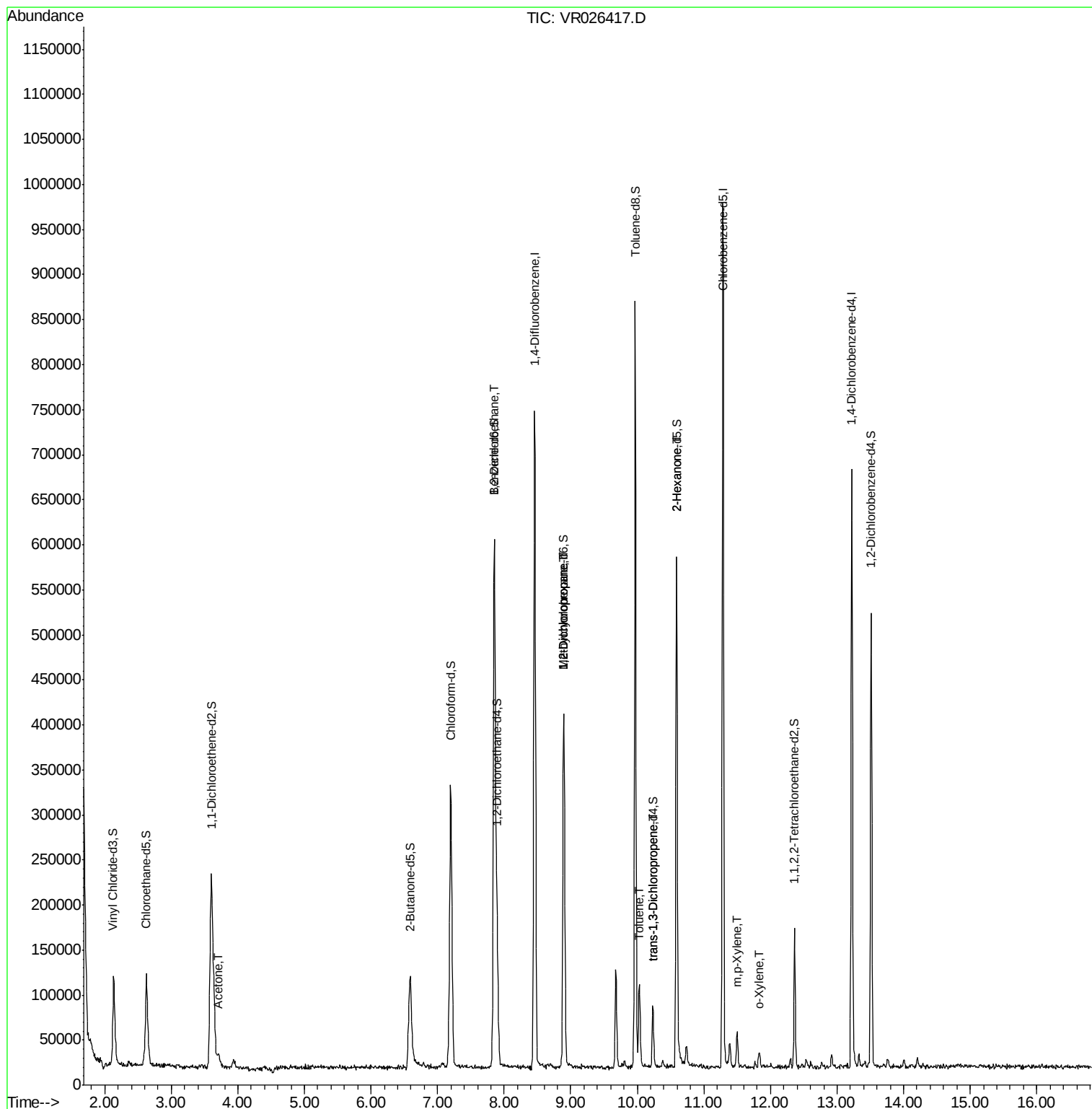
					Qvalue
13) Acetone	3.70	43	20261	6.558	ug/L 94
27) 1,2-Dichloroethane	7.85	62	4600	0.144	ug/L 98
35) Methylcyclohexane	8.89	83	38499	0.706	ug/L # 16
37) 1,2-Dichloropropane	8.89	63	21427	0.660	ug/L # 92
42) Toluene	10.03	91	53856	0.351	ug/L 97
44) trans-1,3-Dichloropropene	10.23	75	2276	0.088	ug/L # 79
48) 2-Hexanone	10.59	43	24951	4.070	ug/L # 75
53) m,p-Xylene	11.49	106	9392	0.153	ug/L 98
54) o-Xylene	11.83	106	3674	0.068	ug/L 81

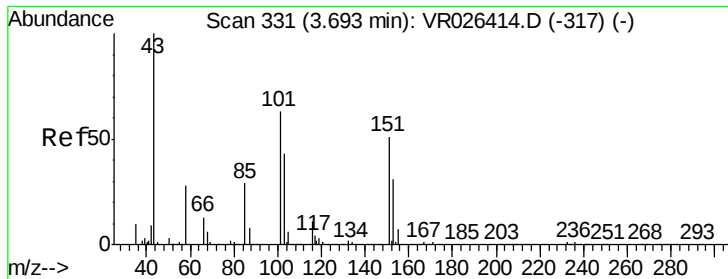
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.558 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026417.D

Acq: 28 Feb 2019 14:05

Instrument :

MSVOA_R

ClientSampleId :

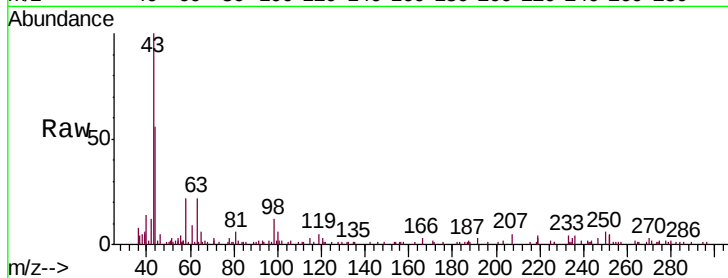
C09K3

Tgt Ion: 43 Resp: 20261

Ion Ratio Lower Upper

43 100

58 23.0 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.70

6000

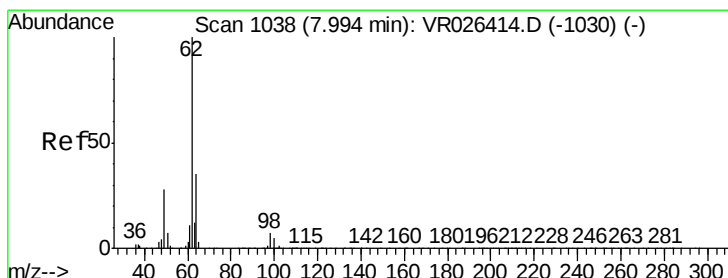
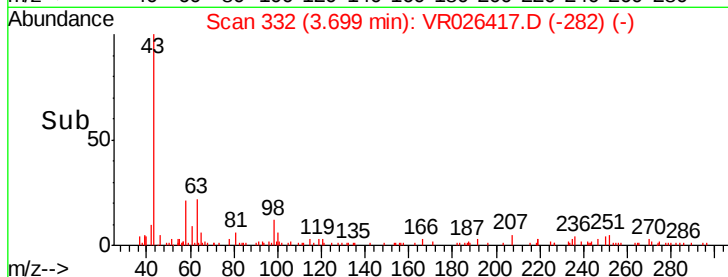
4000

2000

0

3.60 3.70 3.80

Time-->



#27

1,2-Dichloroethane

Concen: 0.144 ug/L

RT: 7.85 min Scan# 1014

Delta R.T. -0.15 min

Lab File: VR026417.D

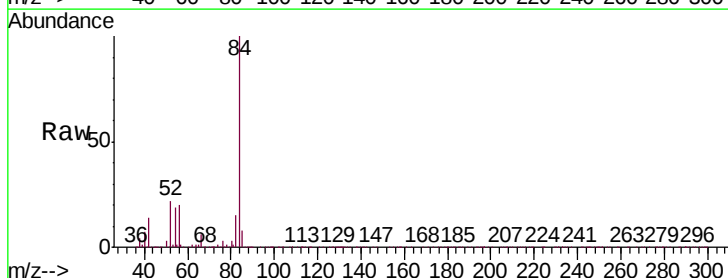
Acq: 28 Feb 2019 14:05

Tgt Ion: 62 Resp: 4600

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

7.85

3000

2500

2000

1500

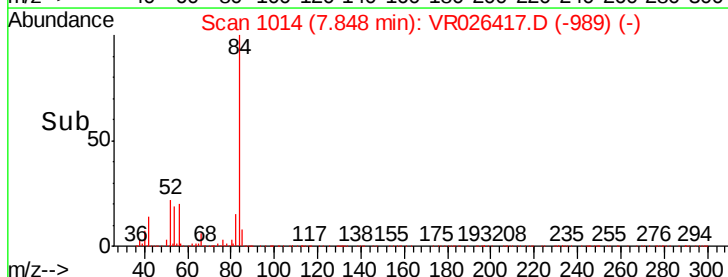
1000

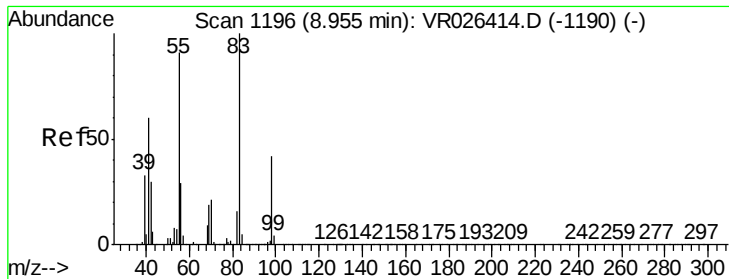
500

0

7.80 7.85 7.90

Time-->

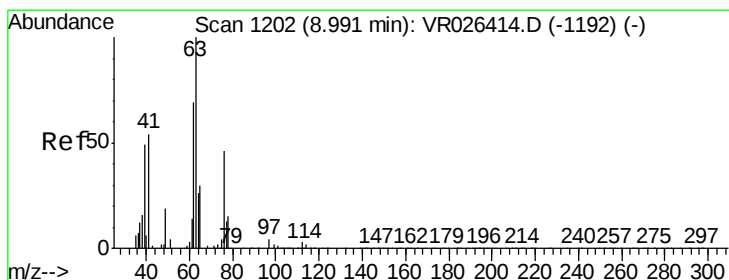
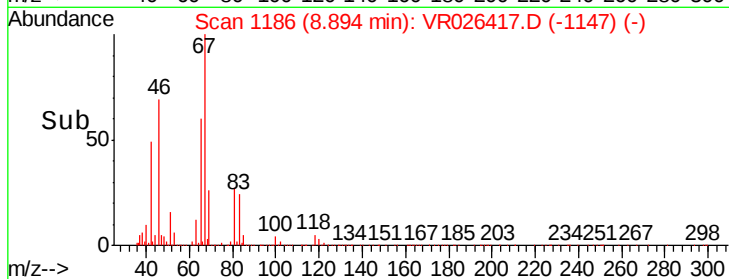
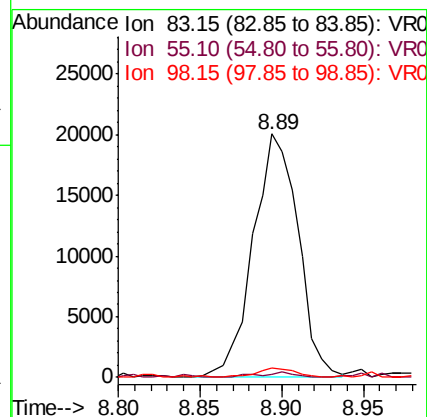
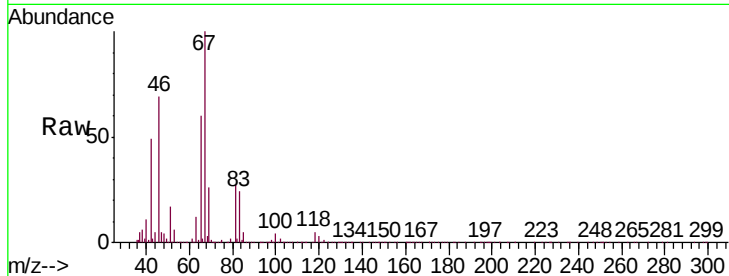




#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026417.D
Acq: 28 Feb 2019 14:05

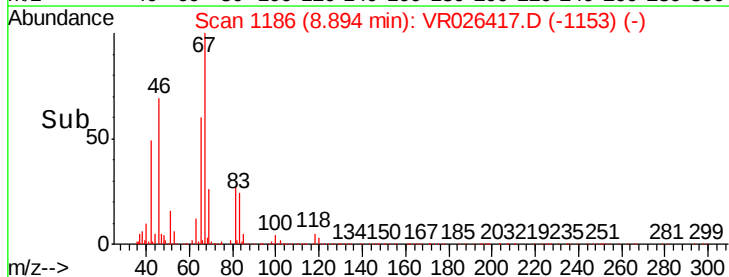
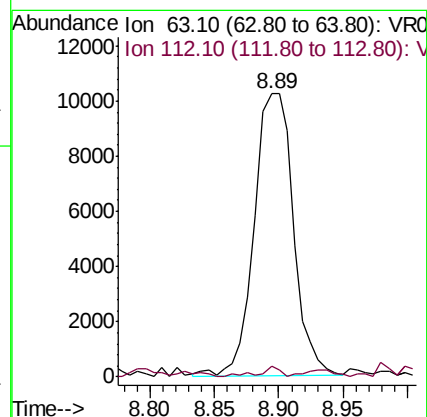
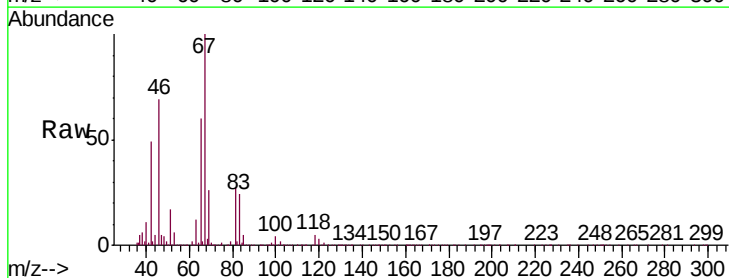
Instrument :
MSVOA_R
ClientSampleId :
C09K3

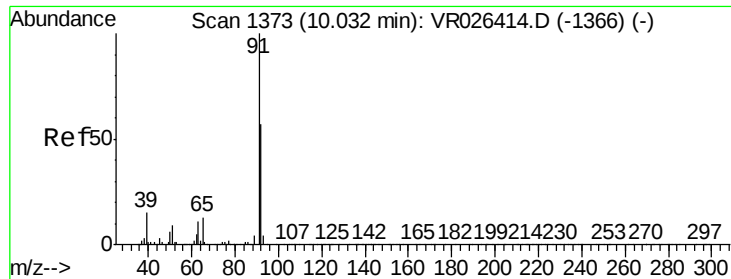
Tgt Ion: 83 Resp: 38499
Ion Ratio Lower Upper
83 100
55 1.0 72.2 108.2#
98 3.4 35.0 52.4#



#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026417.D
Acq: 28 Feb 2019 14:05

Tgt Ion: 63 Resp: 21427
Ion Ratio Lower Upper
63 100
112 2.0 3.6 5.4#





#42

Toluene

Concen: 0.351 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. 0.00 min

Lab File: VR026417.D

Acq: 28 Feb 2019 14:05

Instrument :

MSVOA_R

ClientSampleId :

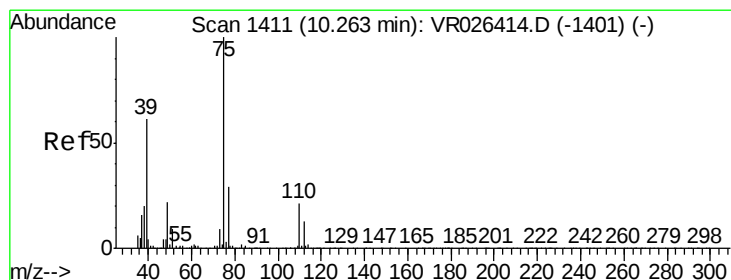
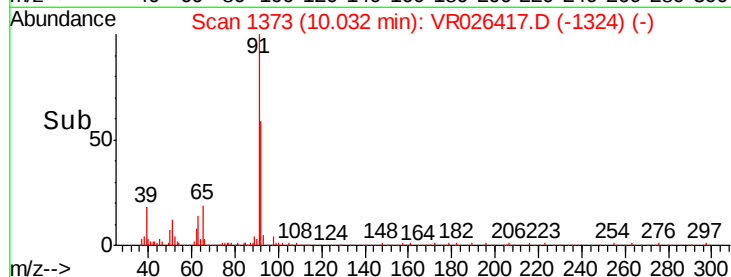
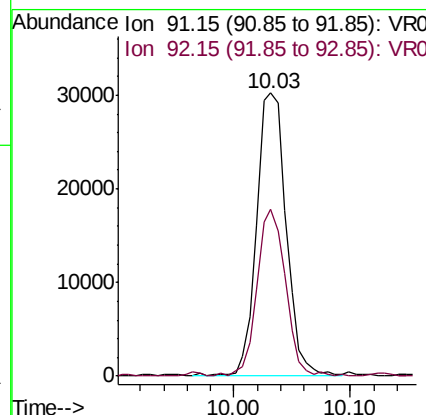
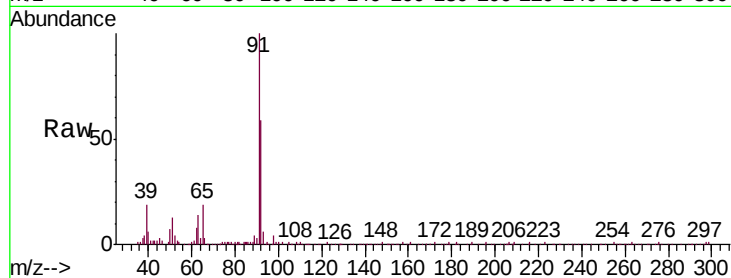
C09K3

Tgt Ion: 91 Resp: 53856

Ion Ratio Lower Upper

91 100

92 59.1 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026417.D

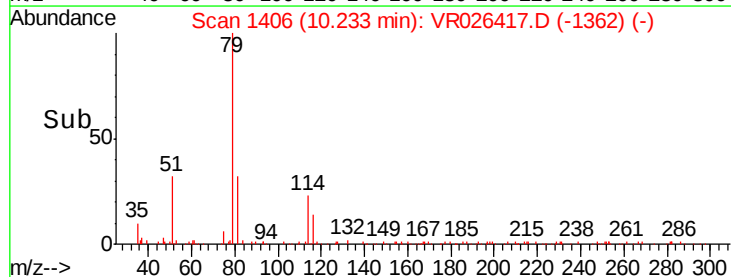
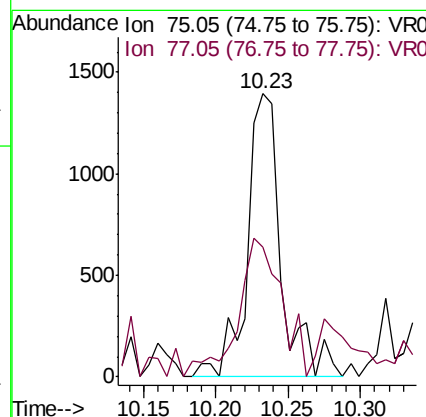
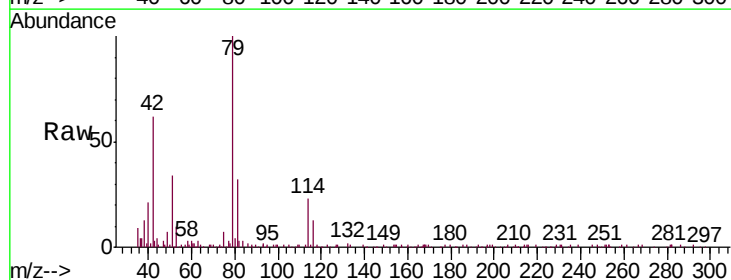
Acq: 28 Feb 2019 14:05

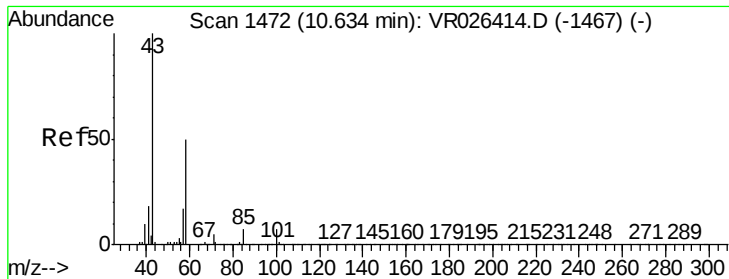
Tgt Ion: 75 Resp: 2276

Ion Ratio Lower Upper

75 100

77 46.1 23.9 44.3#

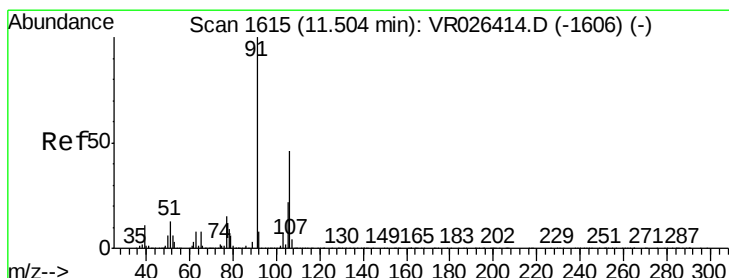
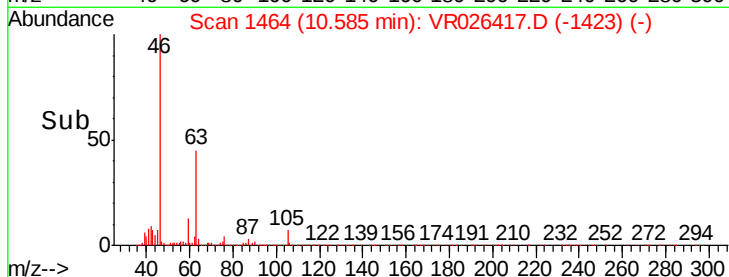
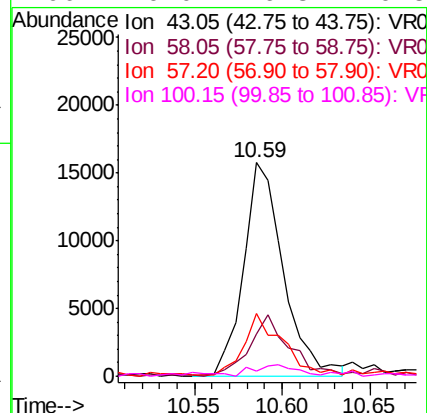
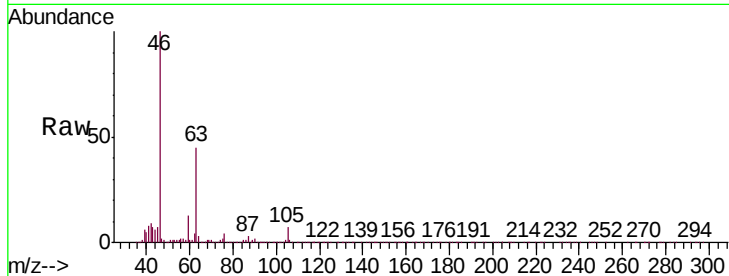




#48
2-Hexanone
Concen: 4.070 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026417.D
Acq: 28 Feb 2019 14:05

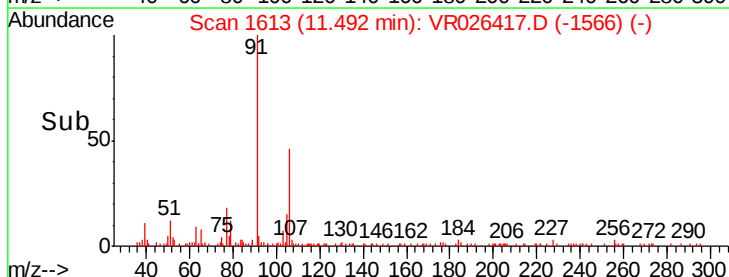
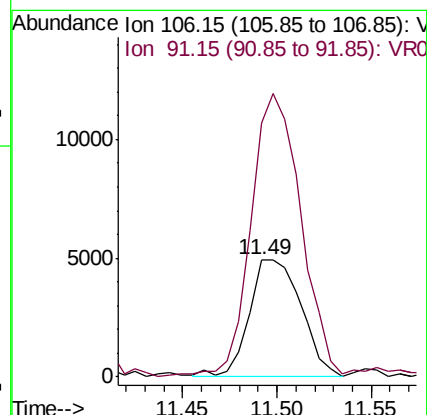
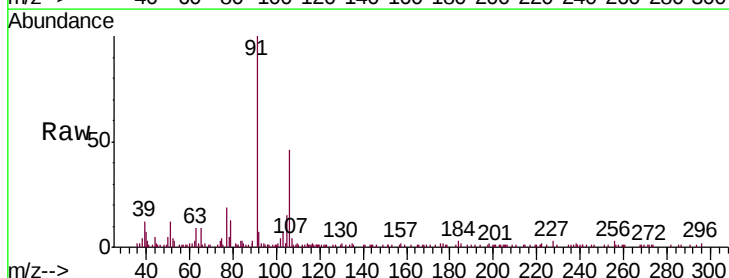
Instrument :
MSVOA_R
ClientSampleId :
C09K3

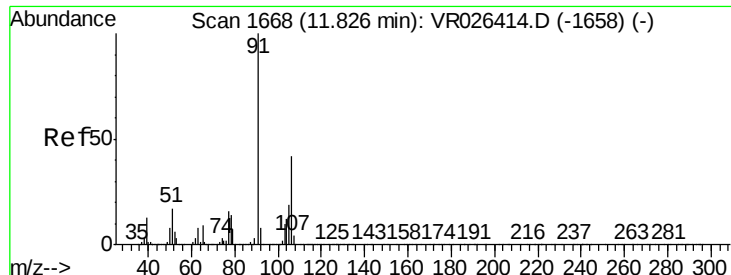
Tgt Ion: 43 Resp: 24951
Ion Ratio Lower Upper
43 100
58 29.3 38.4 57.6#
57 27.9 13.2 19.8#
100 6.0 6.3 9.5#



#53
m,p-Xylene
Concen: 0.153 ug/L
RT: 11.49 min Scan# 1613
Delta R.T. -0.01 min
Lab File: VR026417.D
Acq: 28 Feb 2019 14:05

Tgt Ion: 106 Resp: 9392
Ion Ratio Lower Upper
106 100
91 216.5 153.9 285.7





#54
o-Xylene
Concen: 0.068 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VR026417.D
Acq: 28 Feb 2019 14:05

Instrument :
MSVOA_R
ClientSampleId :
C09K3

Tgt Ion:106 Resp: 3674
Ion Ratio Lower Upper
106 100
91 200.9 162.5 301.9

