

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026557.D
 Acq On : 10 Apr 2019 17:47
 Operator : SY/MD
 Sample : K2297-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YB8

Quant Time: Apr 11 04:22:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 04:17:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	703157	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	582027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	189903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	160320	3.00	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	2.62	69	144328	3.24	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.80%#
11) 1,1-Dichloroethene-d2	3.60	63	337078	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	6.58	46	159573	33.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.00%
24) Chloroform-d	7.20	84	338976	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.80%#
26) 1,2-Dichloroethane-d4	7.90	65	141462	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.40%#
32) Benzene-d6	7.85	84	597310	3.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.80%#
36) 1,2-Dichloropropane-d6	8.89	67	161328	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.00%
41) Toluene-d8	9.97	98	539239	3.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.80%#
43) trans-1,3-Dichloropropene-	10.23	79	34793	2.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.40%#
46) 2-Hexanone-d5	10.59	63	129296	37.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64687	3.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	115710	4.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.40%

Target Compounds

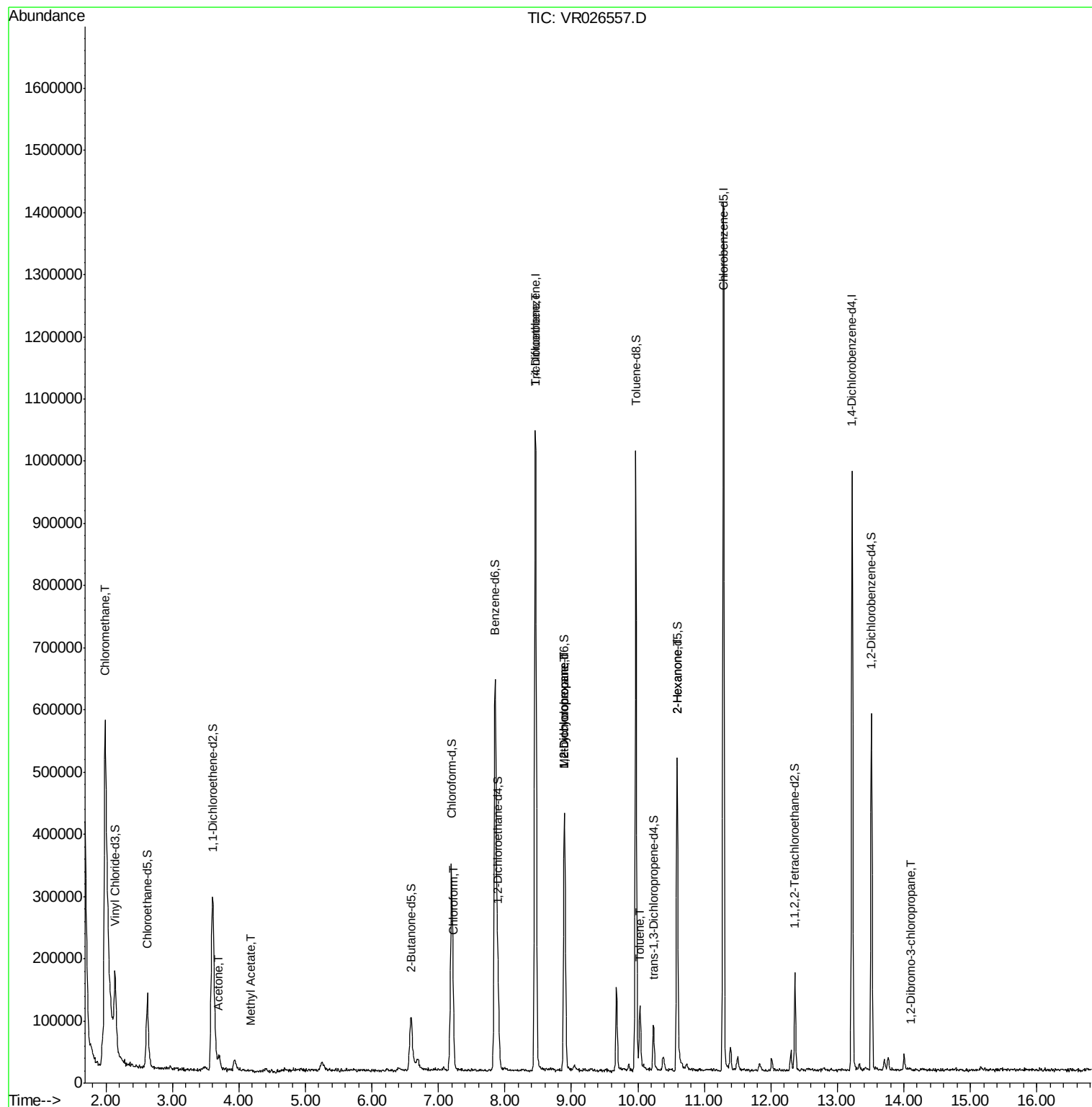
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.99	50	14178	0.187	ug/L	85
13) Acetone	3.70	43	29601	6.149	ug/L	90
15) Methyl Acetate	4.19	43	1165	0.090	ug/L #	91
25) Chloroform	7.23	83	8540	0.082	ug/L	99
34) Trichloroethene	8.46	95	24365	0.400	ug/L #	11
35) Methylcyclohexane	8.89	83	41926	0.483	ug/L #	14
37) 1,2-Dichloropropane	8.89	63	20309	0.407	ug/L #	95
42) Toluene	10.03	91	59091	0.253	ug/L	91
48) 2-Hexanone	10.59	43	25619	2.637	ug/L #	74
66) 1,2-Dibromo-3-chloropropan	14.11	75	433	0.223	ug/L #	81

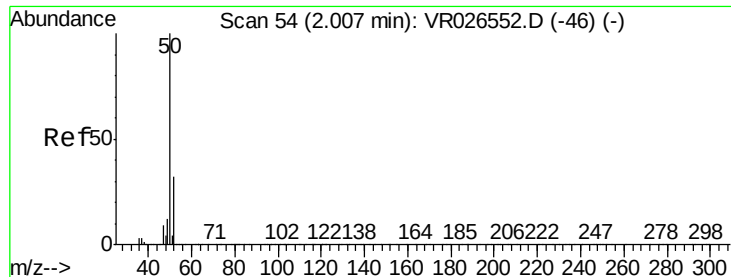
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 04:17:38 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.187 ug/L

RT: 1.99 min Scan# 51

Delta R.T. -0.02 min

Lab File: VR026557.D

Acq: 10 Apr 2019 17:47

Instrument :

MSVOA_R

ClientSampleId :

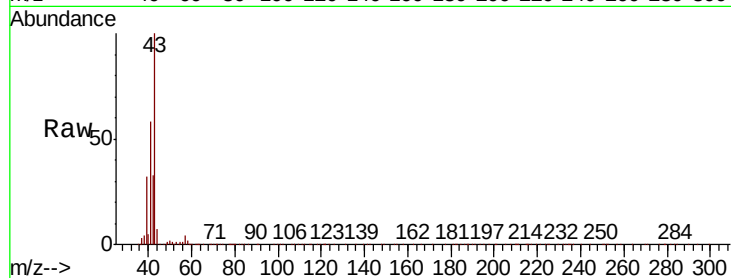
E3YB8

Tot Ion: 50 Resp: 14178

Ion Ratio Lower Upper

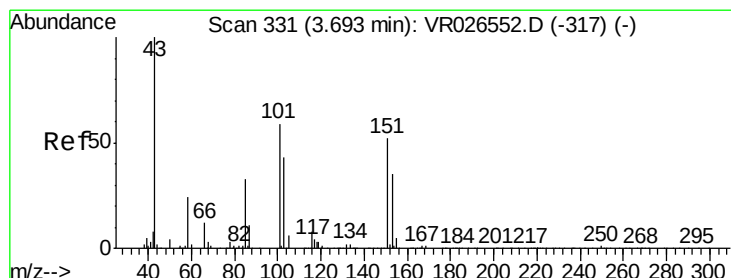
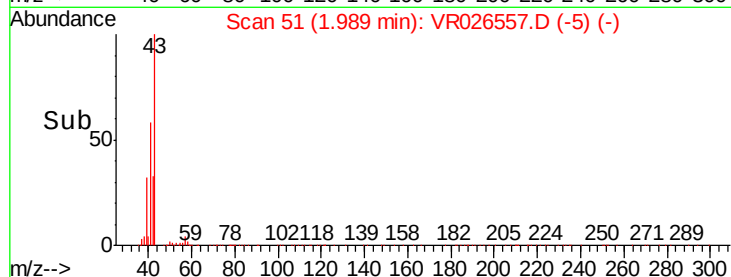
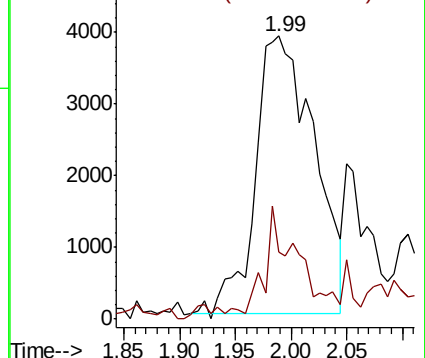
50 100

52 23.8 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0



#13

Acetone

Concen: 6.149 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026557.D

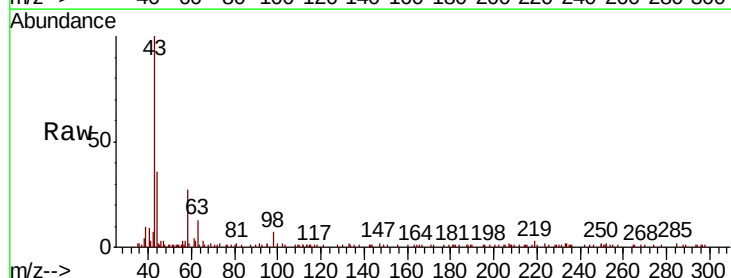
Acq: 10 Apr 2019 17:47

Tgt Ion: 43 Resp: 29601

Ion Ratio Lower Upper

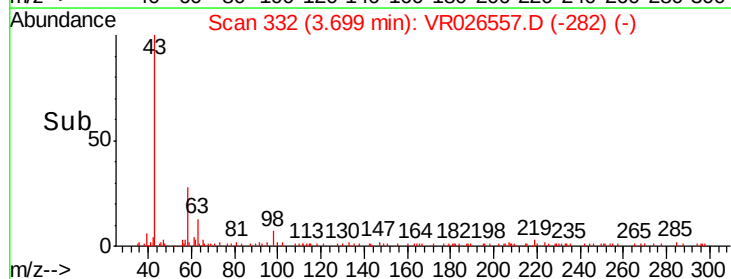
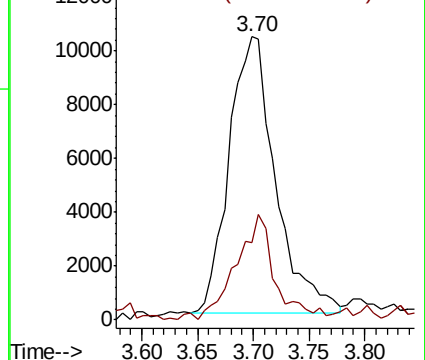
43 100

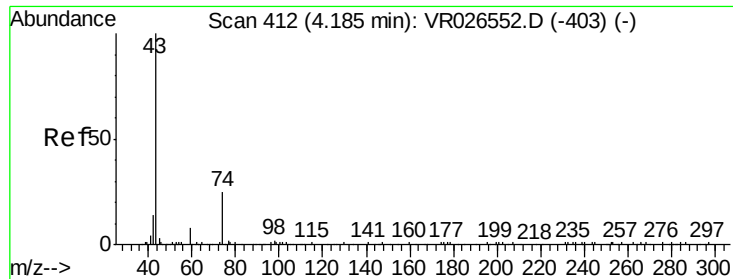
58 32.3 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

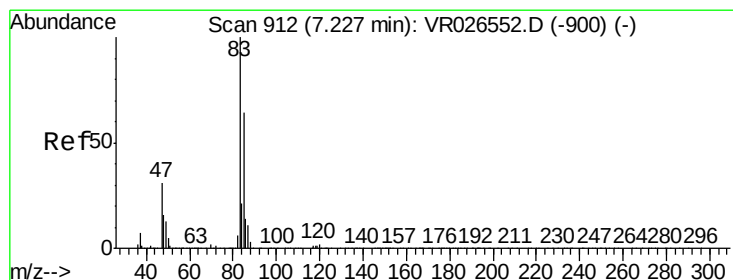
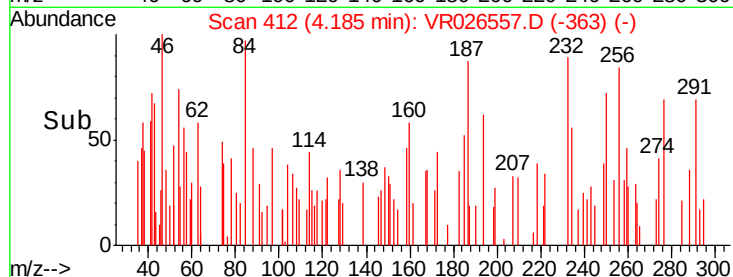
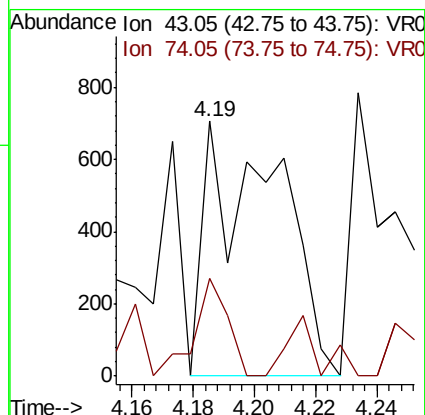
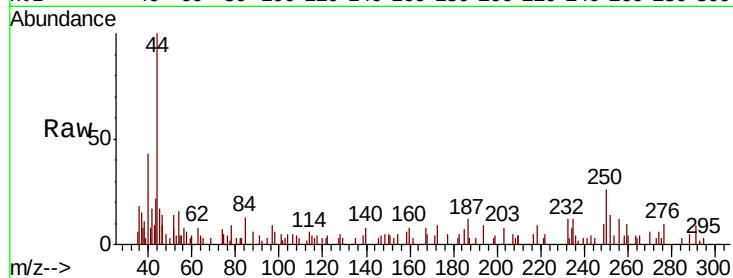




#15
Methyl Acetate
Concen: 0.090 ug/L
RT: 4.19 min Scan# 412
Delta R.T. -0.00 min
Lab File: VR026557.D
Acq: 10 Apr 2019 17:47

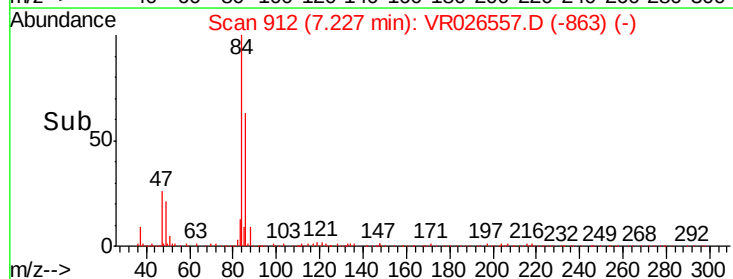
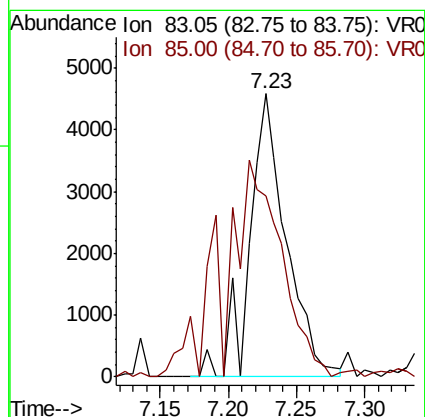
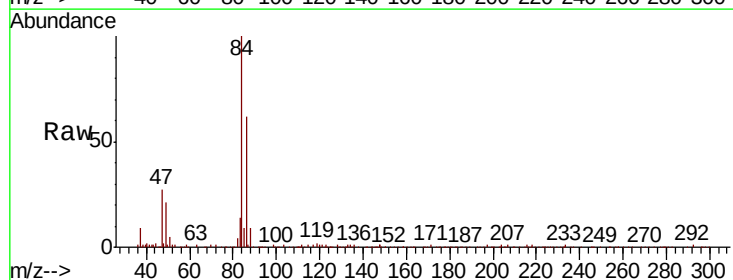
Instrument :
MSVOA_R
ClientSampled :
E3YB8

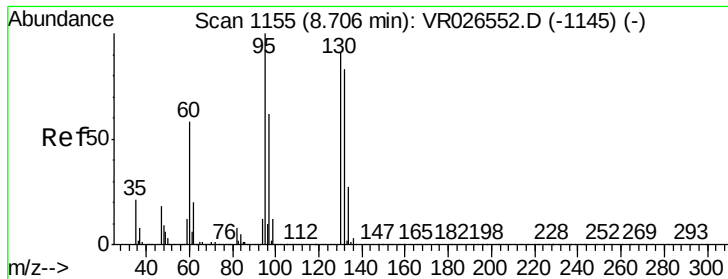
Tot Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
74 17.4 17.5 26.3#



#25
Chloroform
Concen: 0.082 ug/L
RT: 7.23 min Scan# 912
Delta R.T. -0.00 min
Lab File: VR026557.D
Acq: 10 Apr 2019 17:47

Tgt Ion: 83 Resp: 8540
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.0





#34

Trichloroethene

Concen: 0.400 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

Lab File: VR026557.D

Acq: 10 Apr 2019 17:47

Instrument :

MSVOA_R

ClientSampleId :

E3YB8

Tot Ion: 95 Resp: 24365

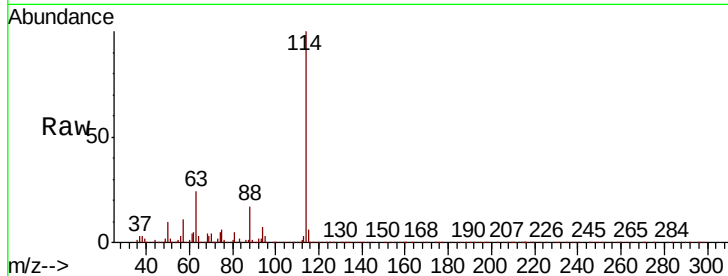
Ion Ratio Lower Upper

95 100

97 0.0 43.8 81.3#

132 0.0 57.2 106.2#

130 1.2 59.7 110.9#

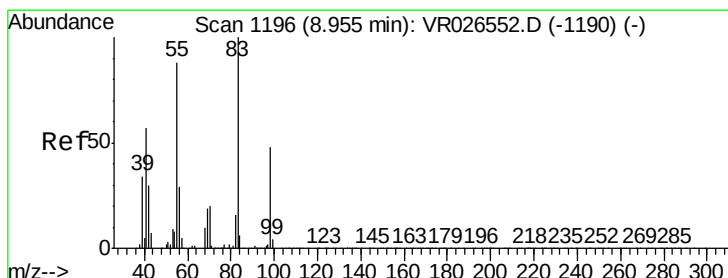
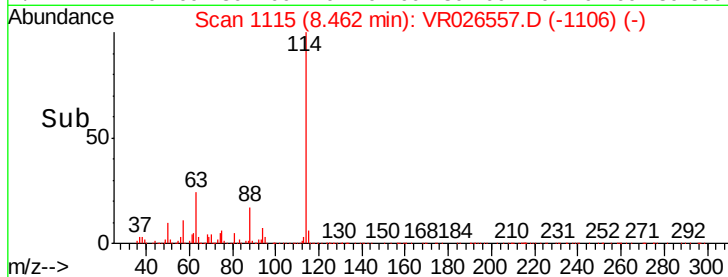
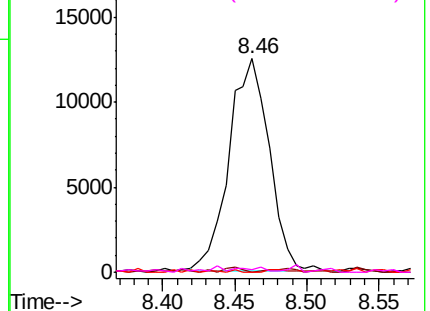


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.483 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026557.D

Acq: 10 Apr 2019 17:47

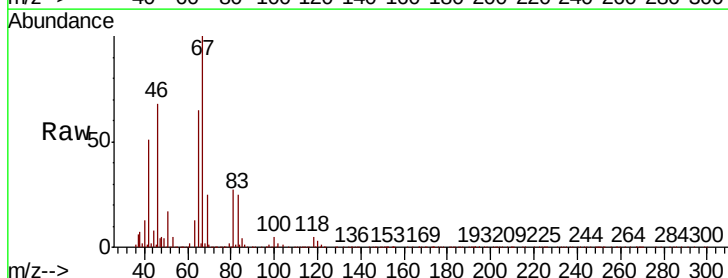
Tgt Ion: 83 Resp: 41926

Ion Ratio Lower Upper

83 100

55 0.5 73.8 110.6#

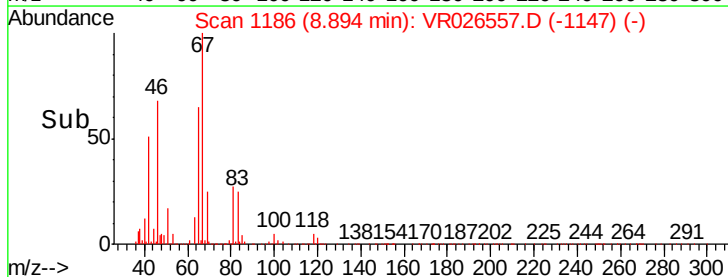
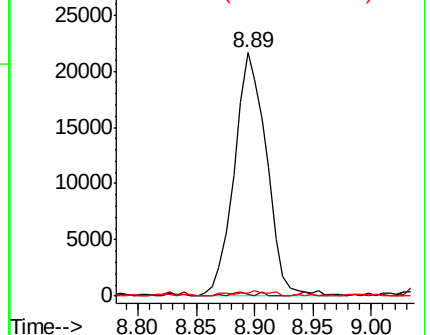
98 2.4 34.6 51.8#

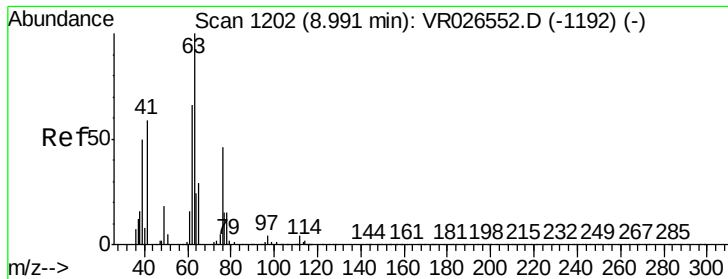


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

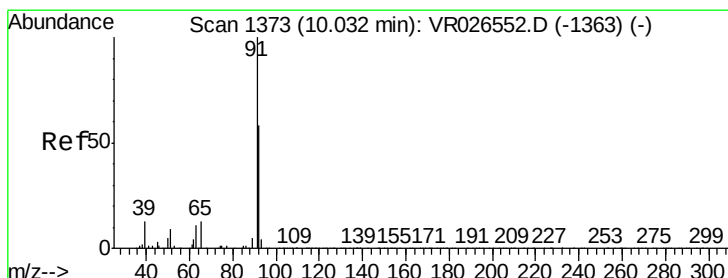
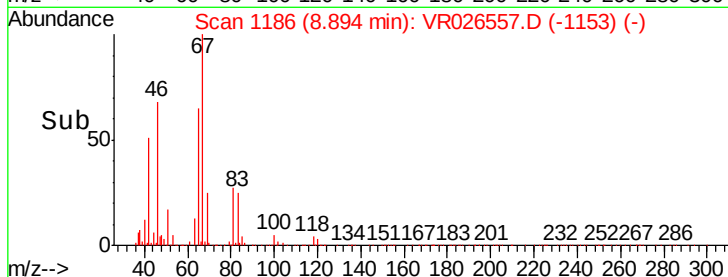
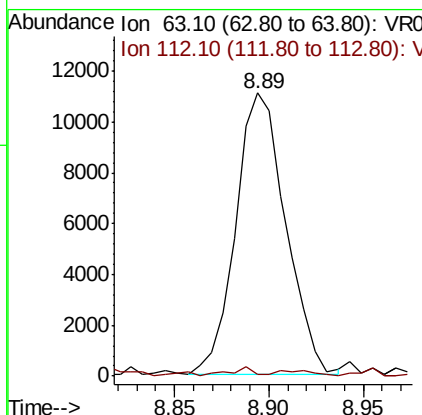
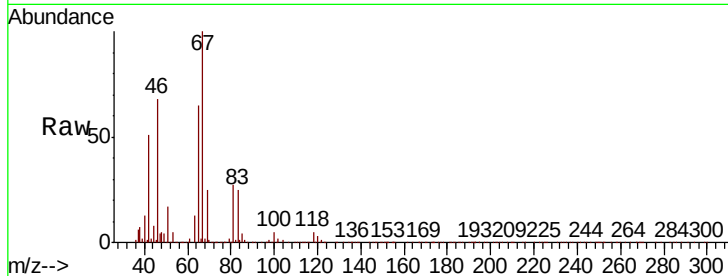




#37
 1,2-Dichloropropane
 Concen: 0.407 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026557.D
 Acq: 10 Apr 2019 17:47

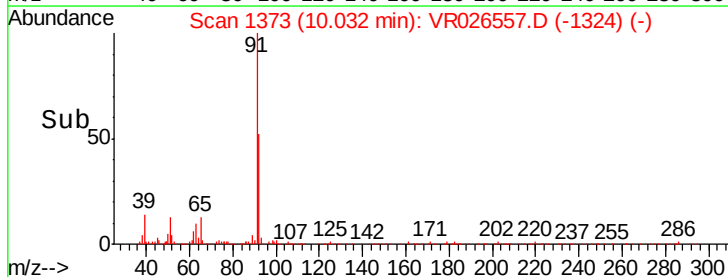
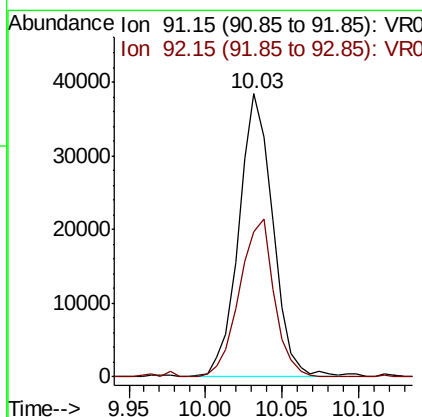
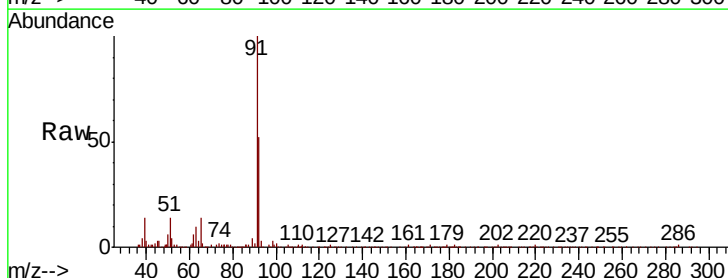
Instrument :
 MSVOA_R
 ClientSampleId :
 E3YB8

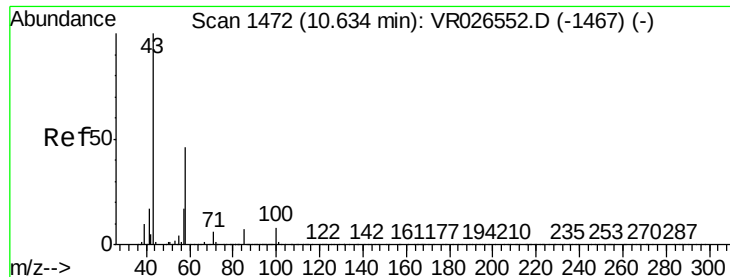
Tot Ion: 63 Resp: 20309
 Ion Ratio Lower Upper
 63 100
 112 1.7 2.8 4.2#



#42
 Toluene
 Concen: 0.253 ug/L
 RT: 10.03 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: VR026557.D
 Acq: 10 Apr 2019 17:47

Tgt Ion: 91 Resp: 59091
 Ion Ratio Lower Upper
 91 100
 92 51.5 40.9 75.9

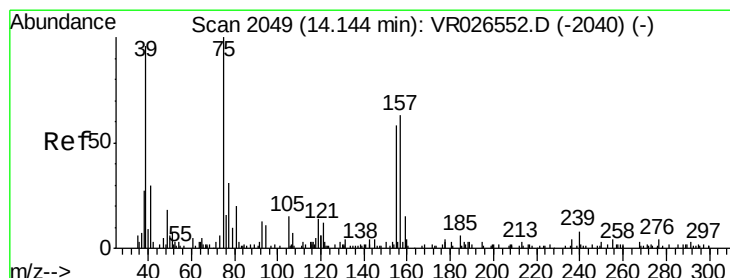
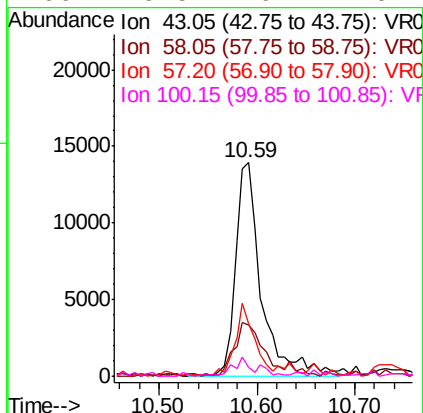
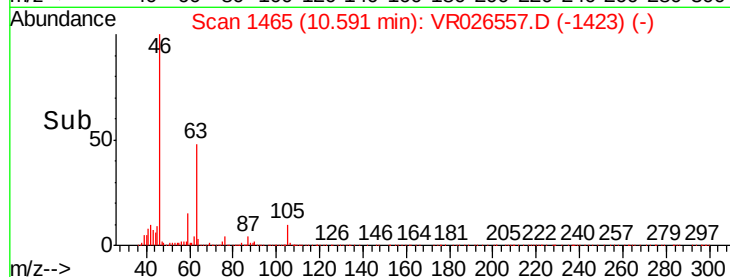
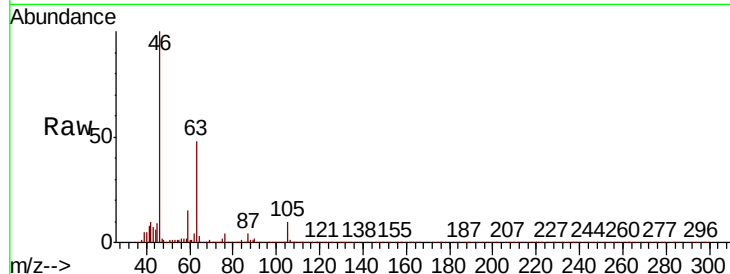




#48
2-Hexanone
Concen: 2.637 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026557.D
Acq: 10 Apr 2019 17:47

Instrument :
MSVOA_R
ClientSampled :
E3YB8

Tot Ion: 43 Resp: 25619
Ion Ratio Lower Upper
43 100
58 26.3 38.2 57.2#
57 25.3 13.8 20.6#
100 5.5 6.2 9.2#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.223 ug/L
RT: 14.11 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VR026557.D
Acq: 10 Apr 2019 17:47

Tgt Ion: 75 Resp: 433
Ion Ratio Lower Upper
75 100
155 26.1 36.1 54.1#
157 66.0 62.4 93.6

