

Data File : VR026457.D
Acq On : 5 Apr 2019 11:35
Operator : SY/MD
Sample : K2271-06MS
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DB7C8MS

Quant Time: Apr 06 05:57:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	437176	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	365024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	110075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	152248	4.58	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.62	69	133620	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	3.60	63	410825	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	6.59	46	149214	50.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	7.20	84	299343	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	7.90	65	133374	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	7.85	84	541300	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	8.89	67	152455	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	9.97	98	481940	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	10.23	79	35436	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	10.59	63	122689	57.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	54442	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	95088	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

						Qvalue
3) Chloromethane	2.01	50	6277	0.133	ug/L	93
12) 1,1-Dichloroethene	3.63	96	176885	4.562	ug/L	98
13) Acetone	3.69	43	9336	3.120	ug/L	89
27) 1,2-Dichloroethane	7.90	62	7213	0.222	ug/L	98
33) Benzene	7.90	78	672965	4.718	ug/L	100
34) Trichloroethene	8.71	95	168519	4.410	ug/L	99
35) Methylcyclohexane	8.90	83	37458	0.687	ug/L #	16
37) 1,2-Dichloropropane	8.89	63	21192	0.678	ug/L #	91
42) Toluene	10.03	91	726258	4.968	ug/L	100
44) trans-1,3-Dichloropropene	10.24	75	2954	0.119	ug/L	95
48) 2-Hexanone	10.59	43	21466	3.523	ug/L #	67
51) Chlorobenzene	11.31	112	385448	4.698	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.16	75	361	0.321	ug/L #	18

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

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ClientSampleId :
DB7C8MS

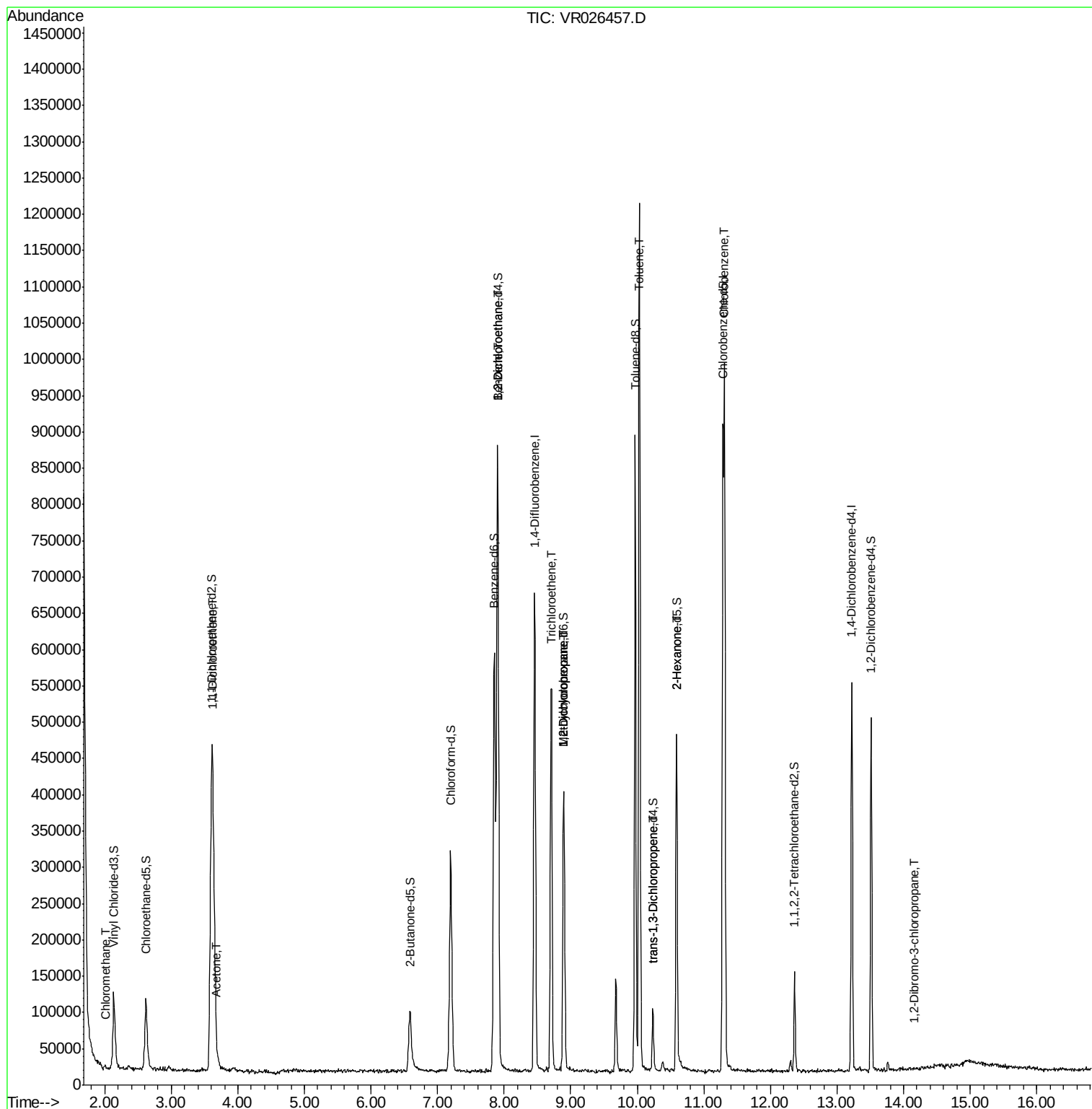
Quant Time: Apr 06 05:57:55 2019

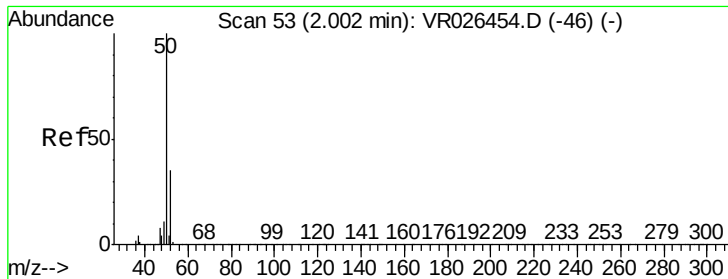
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Apr 06 05:54:53 2019

Response via : Initial Calibration





#3

Chloromethane

Concen: 0.133 ug/L

RT: 2.01 min Scan# 54

Delta R.T. 0.01 min

Lab File: VR026457.D

Acq: 5 Apr 2019 11:35

Instrument :

MSVOA_R

ClientSampleId :

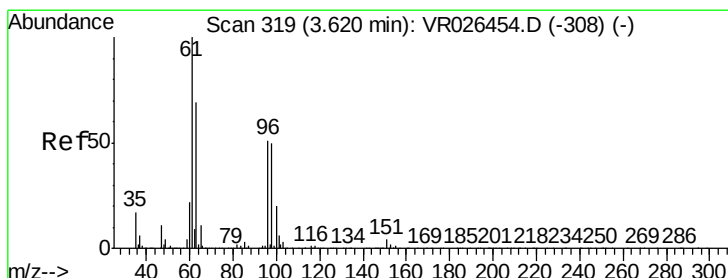
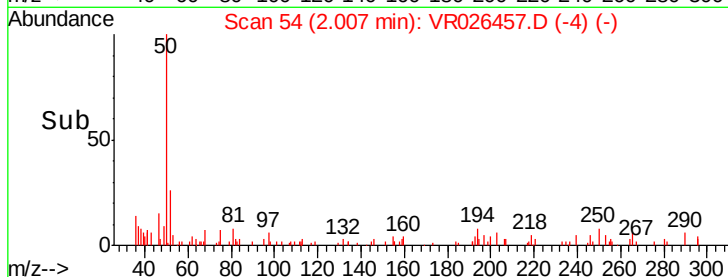
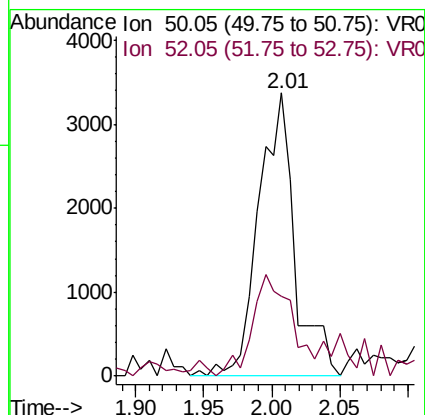
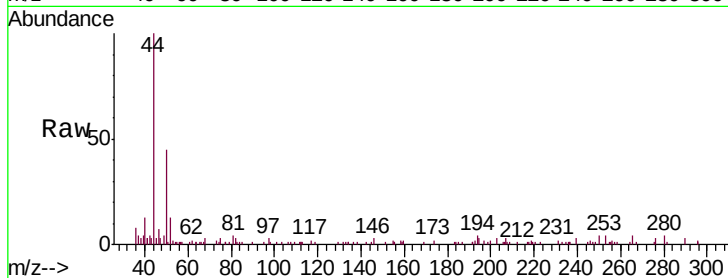
DB7C8MS

Tgt Ion: 50 Resp: 6277

Ion Ratio Lower Upper

50 100

52 28.3 22.5 41.9



#12

1,1-Dichloroethene

Concen: 4.562 ug/L

RT: 3.63 min Scan# 320

Delta R.T. 0.01 min

Lab File: VR026457.D

Acq: 5 Apr 2019 11:35

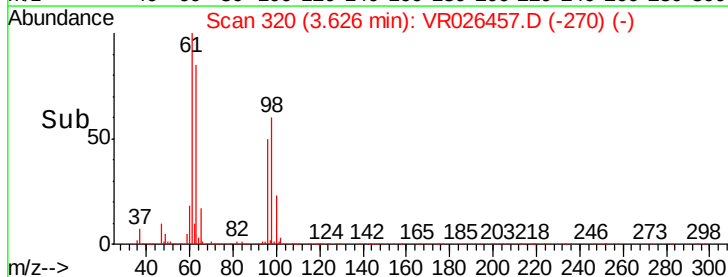
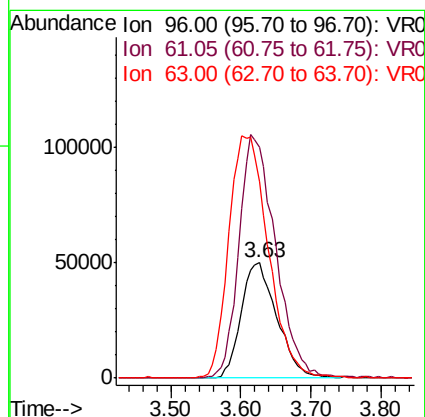
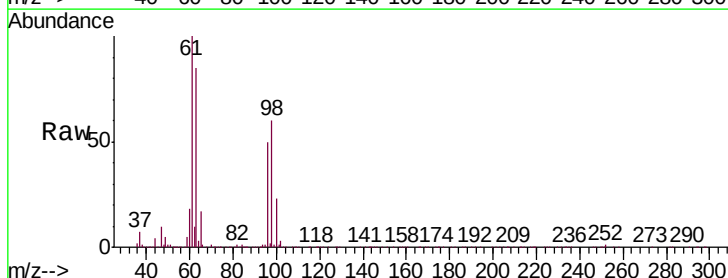
Tgt Ion: 96 Resp: 176885

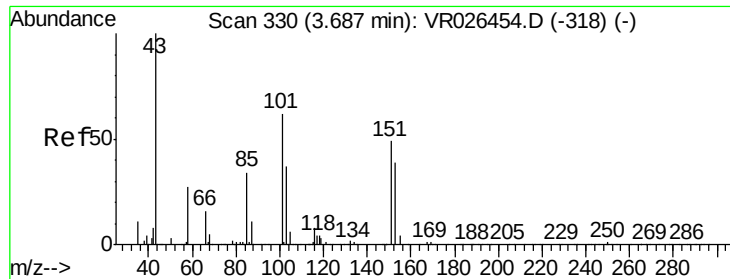
Ion Ratio Lower Upper

96 100

61 199.9 142.7 264.9

63 169.6 116.9 217.1





#13

Acetone

Concen: 3.120 ug/L

RT: 3.69 min Scan# 330

Delta R.T. -0.00 min

Lab File: VR026457.D

Acq: 5 Apr 2019 11:35

Instrument :

MSVOA_R

ClientSampleId :

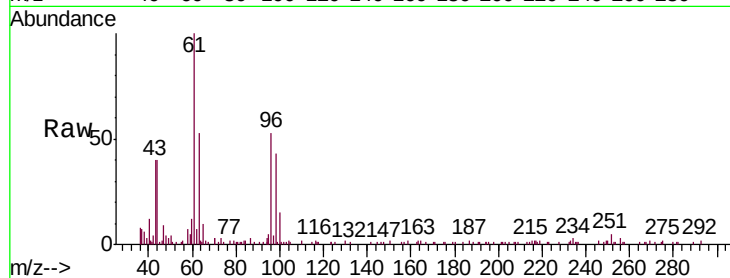
DB7C8MS

Tgt Ion: 43 Resp: 9336

Ion Ratio Lower Upper

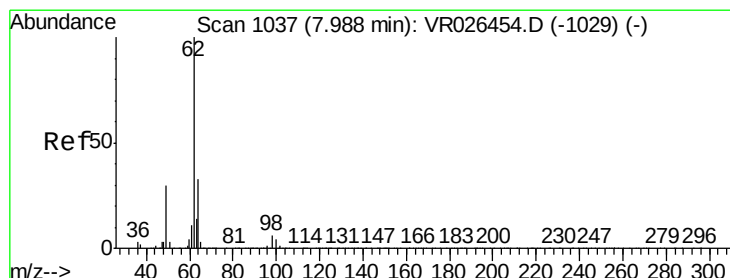
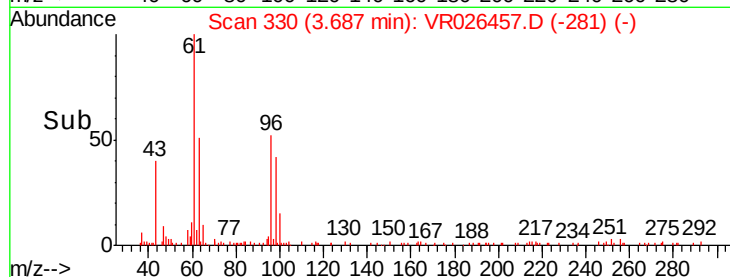
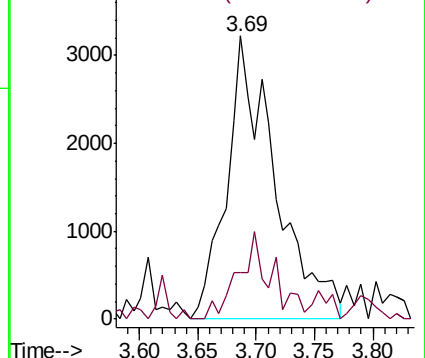
43 100

58 21.1 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#27

1,2-Dichloroethane

Concen: 0.222 ug/L

RT: 7.90 min Scan# 1022

Delta R.T. -0.09 min

Lab File: VR026457.D

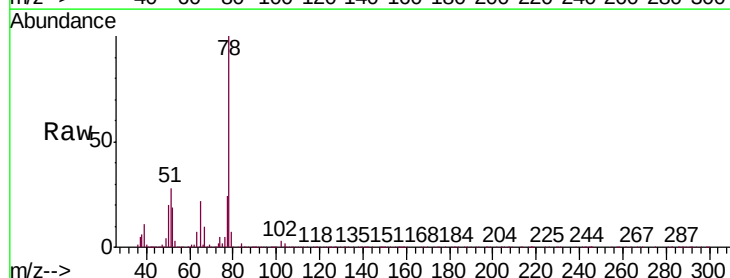
Acq: 5 Apr 2019 11:35

Tgt Ion: 62 Resp: 7213

Ion Ratio Lower Upper

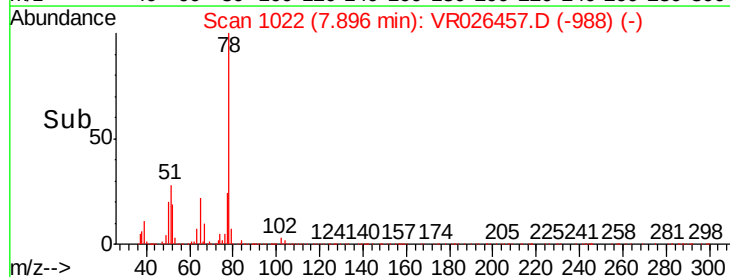
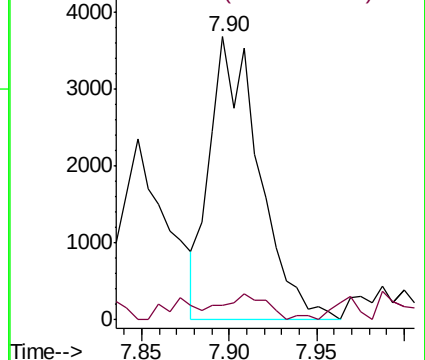
62 100

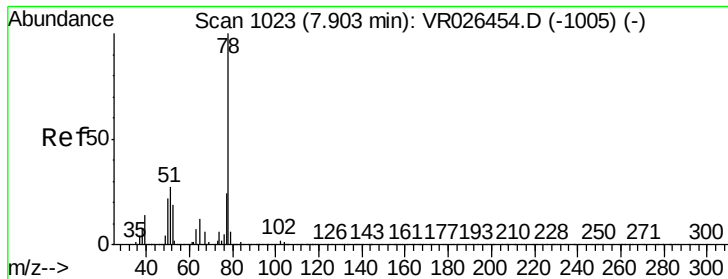
98 5.3 4.8 7.2



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0

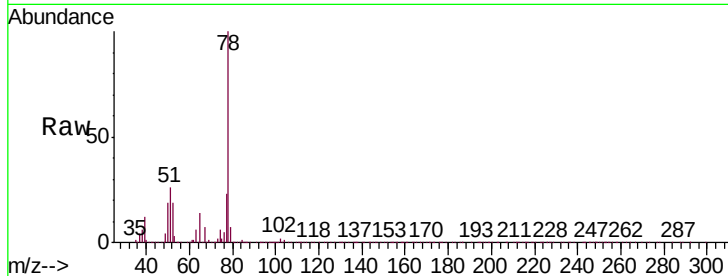




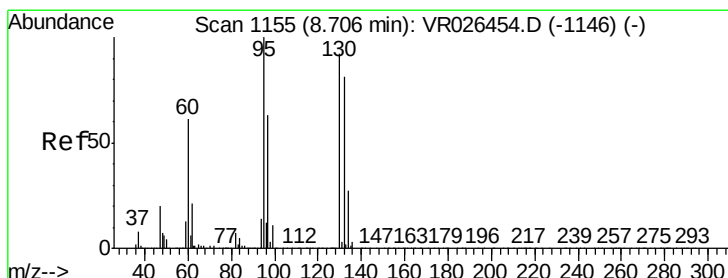
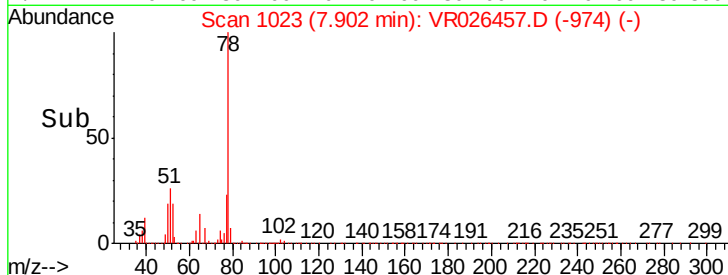
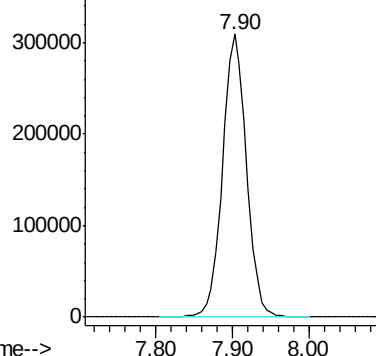
#33
Benzene
Concen: 4.718 ug/L
RT: 7.90 min Scan# 1023
Delta R.T. -0.00 min
Lab File: VR026457.D
Acq: 5 Apr 2019 11:35

Instrument :
MSVOA_R
ClientSampleId :
DB7C8MS

Tgt Ion: 78 Resp: 672965



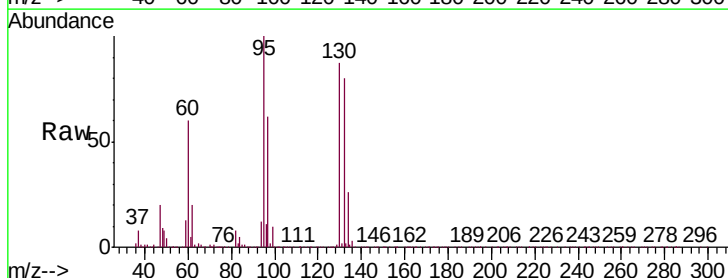
Abundance Ion 78.10 (77.80 to 78.80): VR0



#34
Trichloroethene
Concen: 4.410 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. -0.00 min
Lab File: VR026457.D
Acq: 5 Apr 2019 11:35

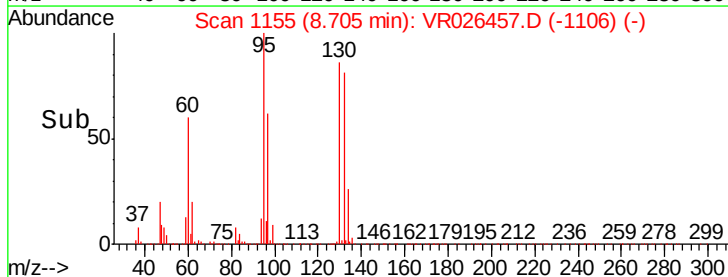
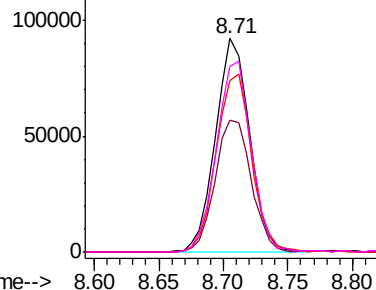
Tgt Ion: 95 Resp: 168519

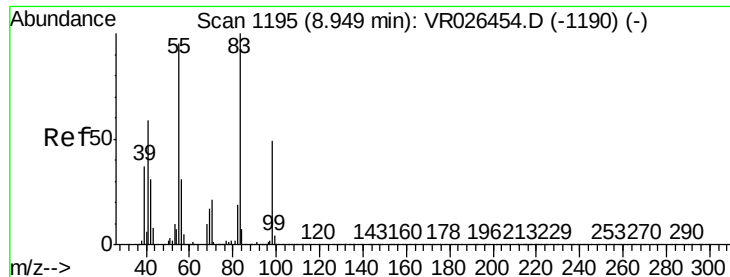
Ion	Ratio	Lower	Upper
95	100		
97	61.6	43.8	81.3
132	80.4	57.2	106.2
130	86.6	59.7	110.9



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

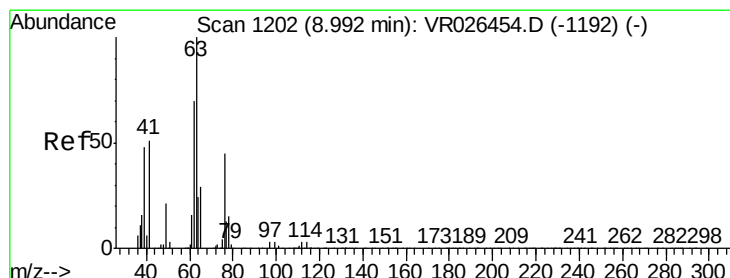
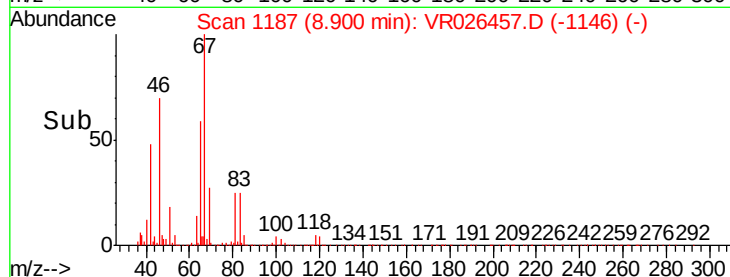
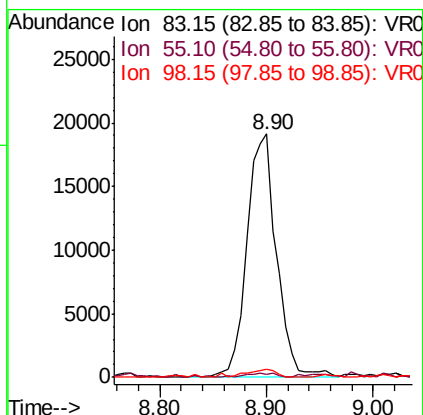
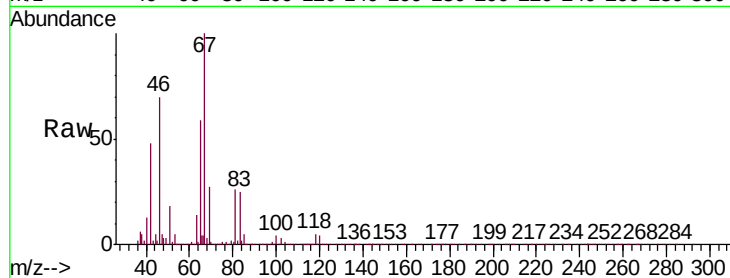




#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026457.D
Acq: 5 Apr 2019 11:35

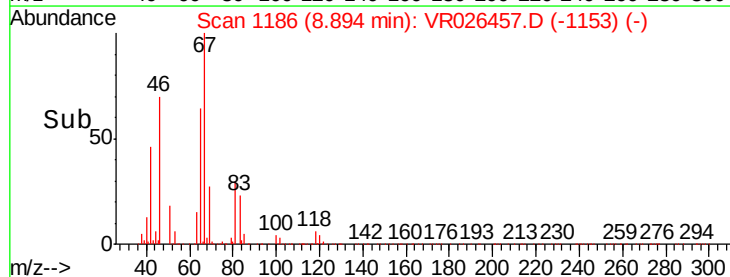
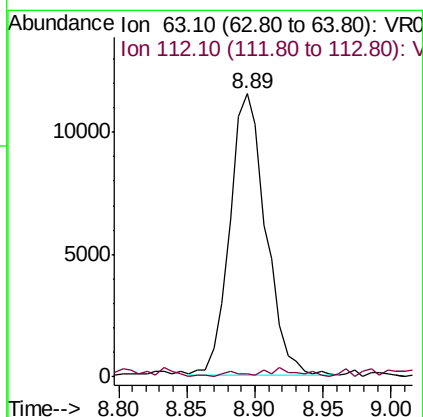
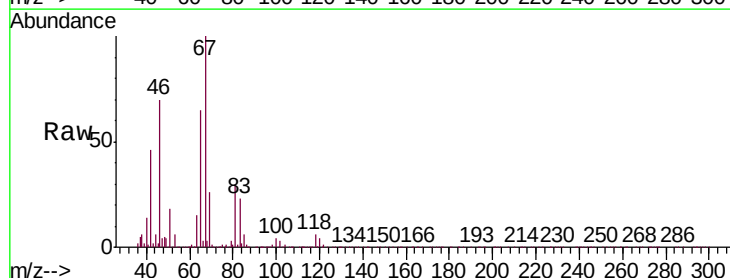
Instrument :
MSVOA_R
ClientSampleId :
DB7C8MS

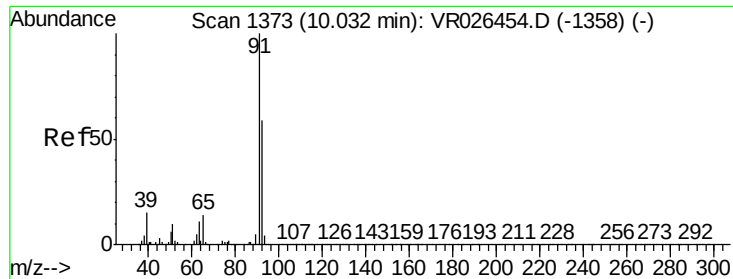
Tgt Ion: 83 Resp: 37458
Ion Ratio Lower Upper
83 100
55 1.7 73.8 110.6#
98 3.1 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026457.D
Acq: 5 Apr 2019 11:35

Tgt Ion: 63 Resp: 21192
Ion Ratio Lower Upper
63 100
112 0.7 2.8 4.2#





#42

Toluene

Concen: 4.968 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.00 min

Lab File: VR026457.D

Acq: 5 Apr 2019 11:35

Instrument :

MSVOA_R

ClientSampleId :

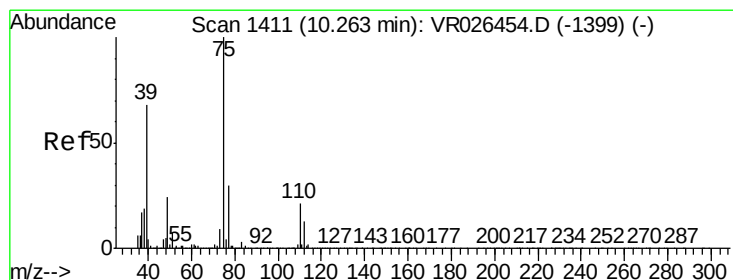
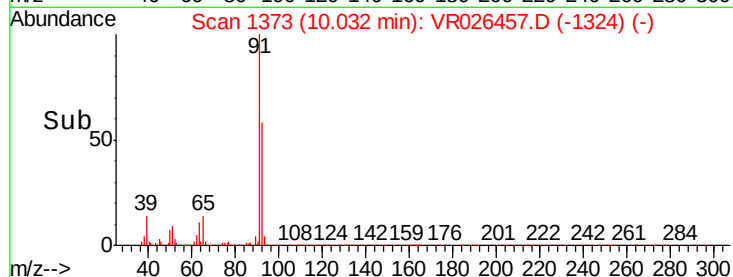
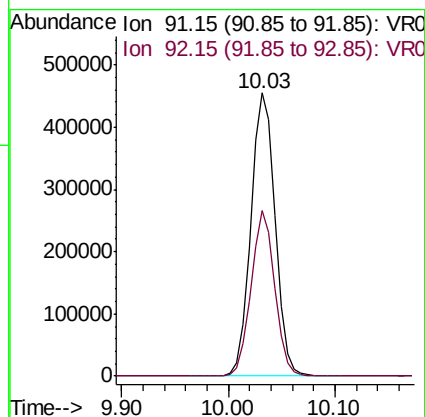
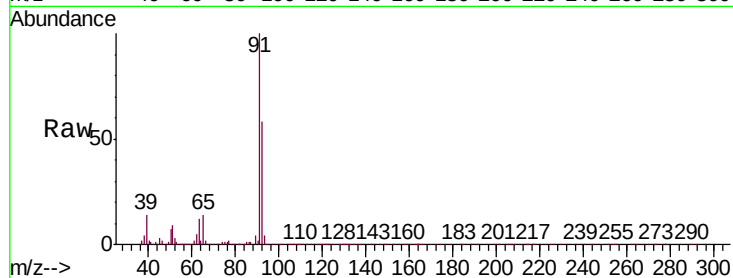
DB7C8MS

Tgt Ion: 91 Resp: 726258

Ion Ratio Lower Upper

91 100

92 58.5 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026457.D

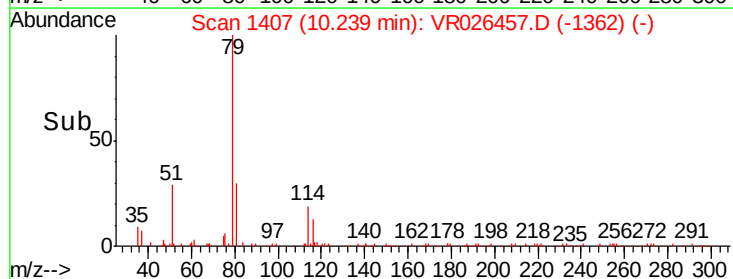
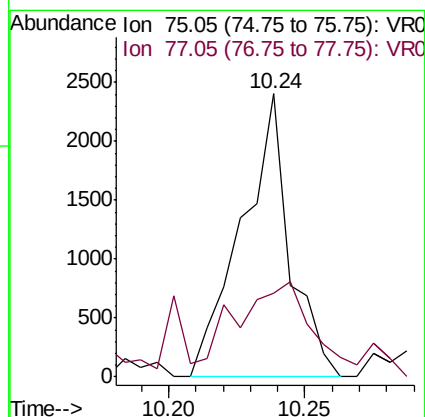
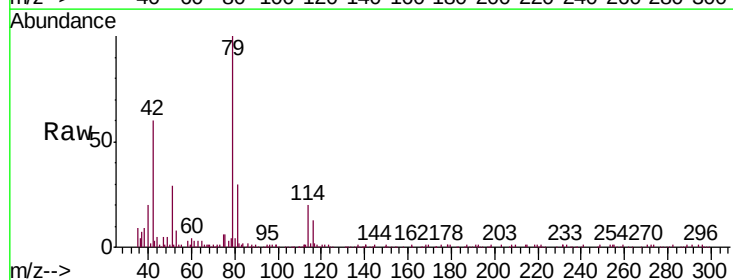
Acq: 5 Apr 2019 11:35

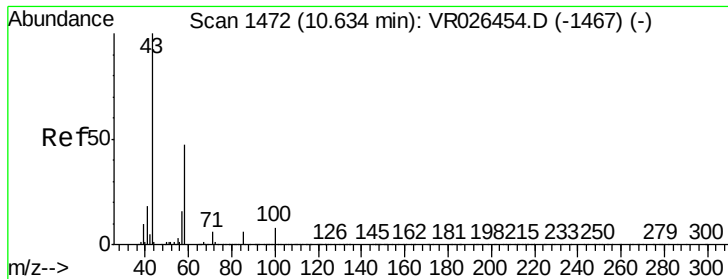
Tgt Ion: 75 Resp: 2954

Ion Ratio Lower Upper

75 100

77 29.5 22.7 42.1

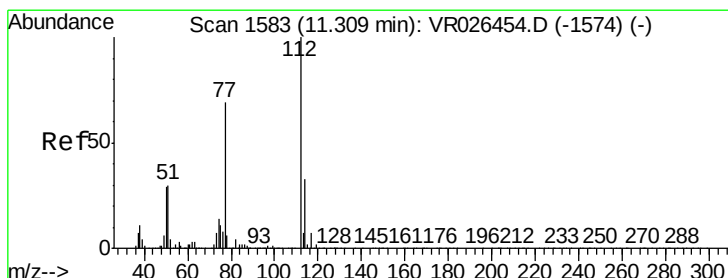
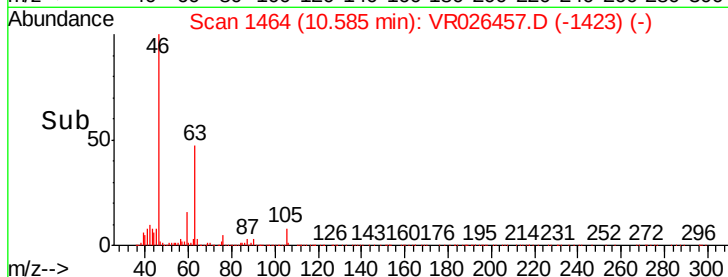
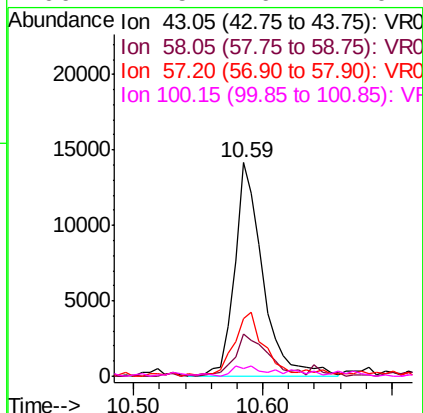
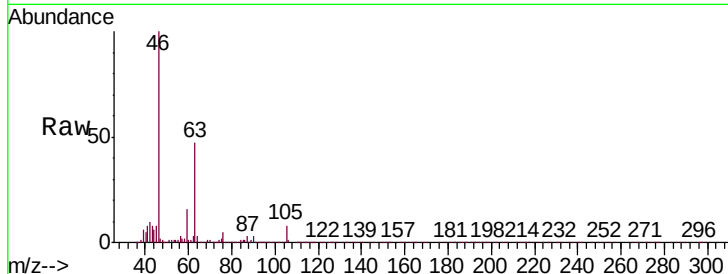




#48
2-Hexanone
Concen: 3.523 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026457.D
Acq: 5 Apr 2019 11:35

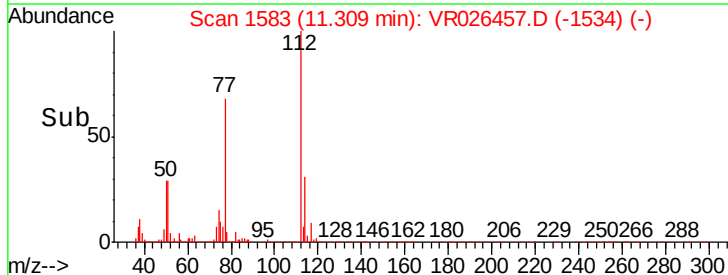
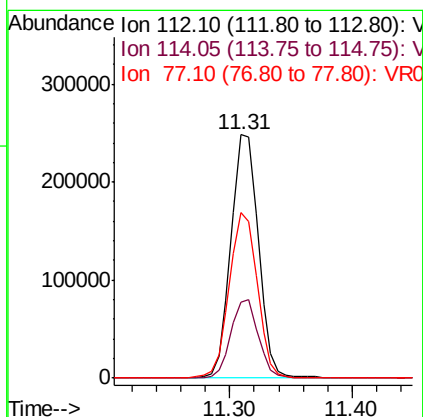
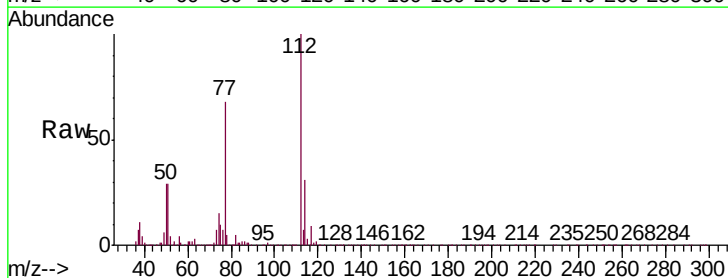
Instrument :
MSVOA_R
ClientSampleId :
DB7C8MS

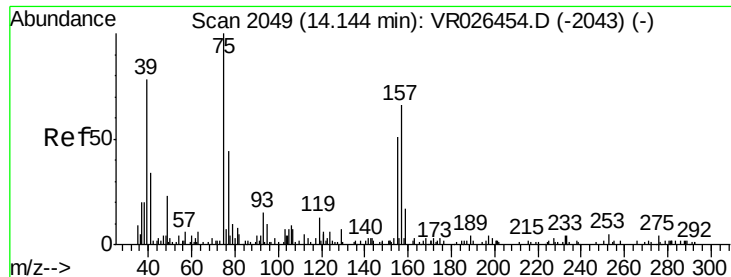
Tgt Ion: 43 Resp: 21466
Ion Ratio Lower Upper
43 100
58 23.4 38.2 57.2#
57 32.1 13.8 20.6#
100 4.5 6.2 9.2#



#51
Chlorobenzene
Concen: 4.698 ug/L
RT: 11.31 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VR026457.D
Acq: 5 Apr 2019 11:35

Tgt Ion: 112 Resp: 385448
Ion Ratio Lower Upper
112 100
114 31.4 23.1 42.9
77 67.9 53.8 80.8





#66

1,2-Dibromo-3-chloropropane

Concen: 0.321 ug/L

RT: 14.16 min Scan# 2051

Delta R.T. 0.01 min

Lab File: VR026457.D

Acq: 5 Apr 2019 11:35

Instrument :

MSVOA_R

ClientSampleId :

DB7C8MS

Tgt Ion: 75 Resp: 361

Ion Ratio Lower Upper

75 100

155 0.0 36.1 54.1#

157 0.0 62.4 93.6#

