

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071618\
 Data File : VR025480.D
 Acq On : 16 Jul 2018 17:18
 Operator : SY/MD
 Sample : J4002-06
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG4

Quant Time: Jul 17 01:11:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 01:11:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.45	114	662371	5.00	ug/L	-0.02
28) Chlorobenzene-d5	11.28	117	556924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	196885	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	89655	4.91	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	2.61	69	71700	4.61	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	3.60	63	197094	3.56	ug/L	-0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	6.56	46	268992	47.43	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.86%
24) Chloroform-d	7.18	84	390026	4.32	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	7.87	65	155733	4.50	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	7.83	84	846444	4.54	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	8.88	67	241143	4.46	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	9.96	98	749446	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	10.23	79	61400	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.58	63	233701	50.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	109322	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	175897	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

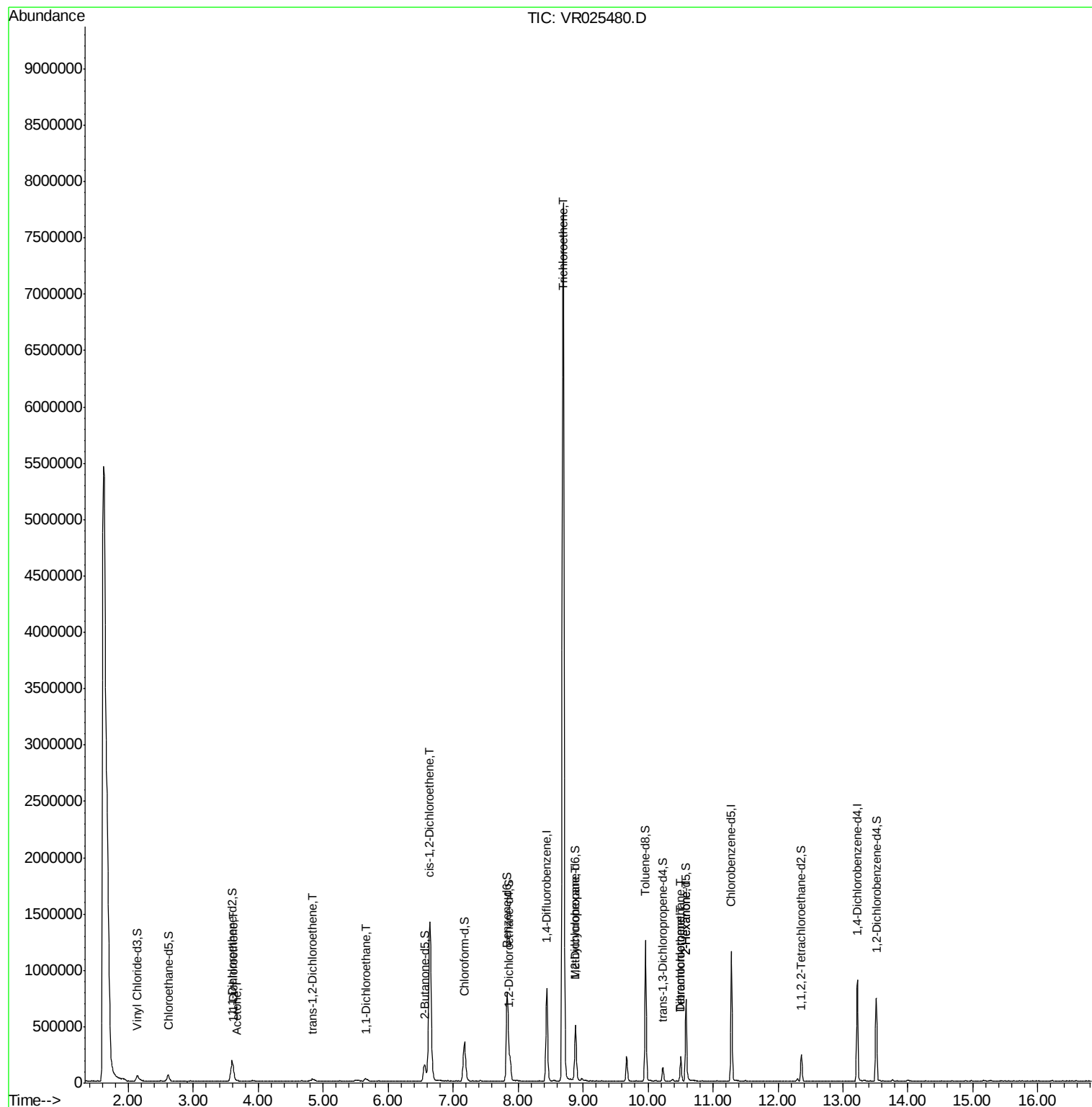
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.62	96	12461	0.629	ug/L #	1
13) Acetone	3.67	43	5270	2.062	ug/L	96
18) trans-1,2-Dichloroethene	4.83	96	10194	0.207	ug/L	83
19) 1,1-Dichloroethane	5.66	63	30865	0.365	ug/L	96
22) cis-1,2-Dichloroethene	6.64	96	912352	20.182	ug/L #	97
34) Trichloroethene	8.70	95	2958843	60.545	ug/L	99
35) Methylcyclohexane	8.89	83	57360	0.878	ug/L #	17
47) Tetrachloroethene	10.50	164	41049	1.286	ug/L	94
48) 2-Hexanone	10.59	43	28507	3.205	ug/L #	67
49) Dibromochloromethane	10.50	129	30636	1.344	ug/L #	10

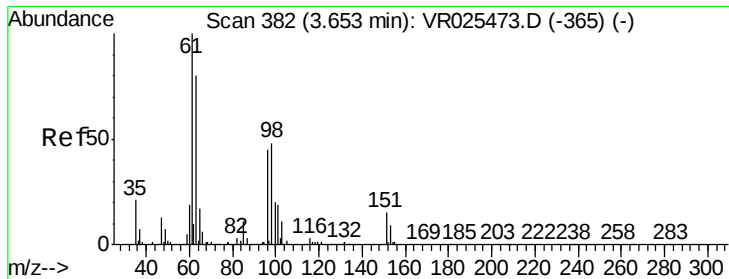
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.629 ug/L

RT: 3.62 min Scan# 377

Delta R.T. -0.03 min

Lab File: VR025480.D

Acq: 16 Jul 2018 17:18

Instrument :

MSVOA_R

ClientSampleId :

C0AG4

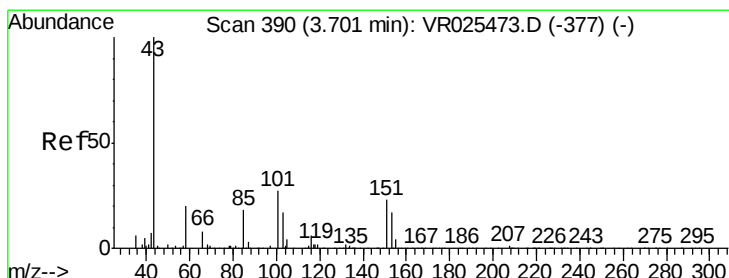
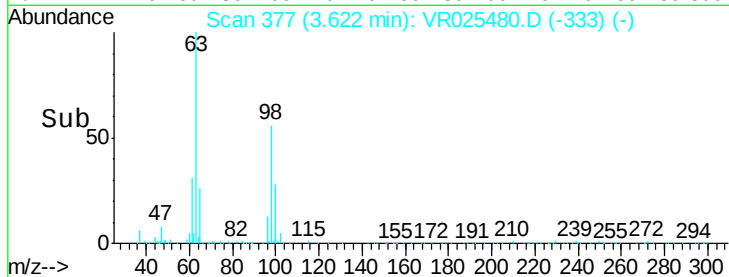
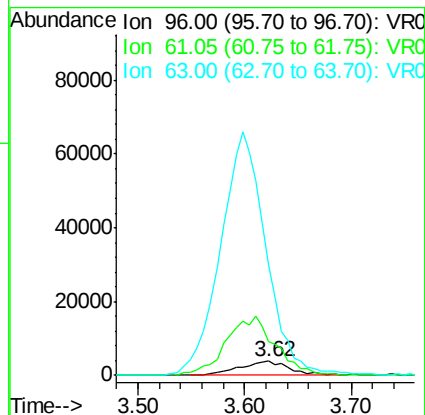
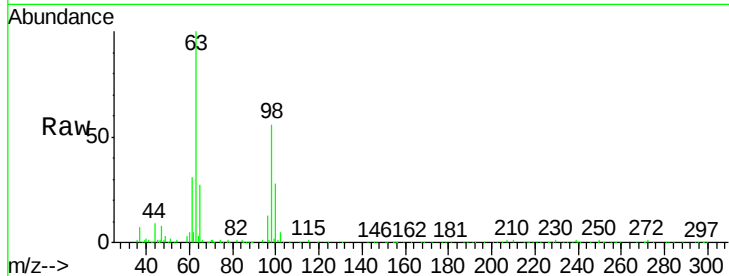
Tgt Ion: 96 Resp: 12461

Ion Ratio Lower Upper

96 100

61 243.4 155.0 287.9

63 785.7 122.3 227.1#



#13

Acetone

Concen: 2.062 ug/L

RT: 3.67 min Scan# 385

Delta R.T. -0.03 min

Lab File: VR025480.D

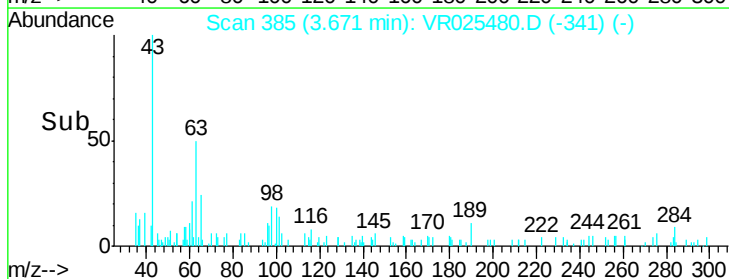
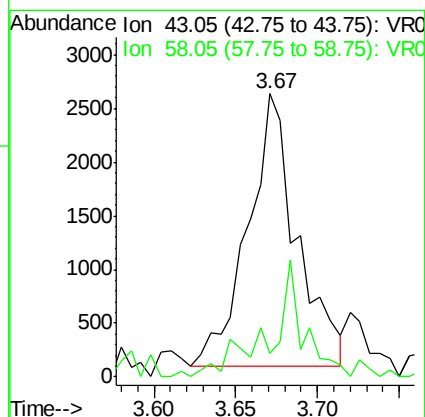
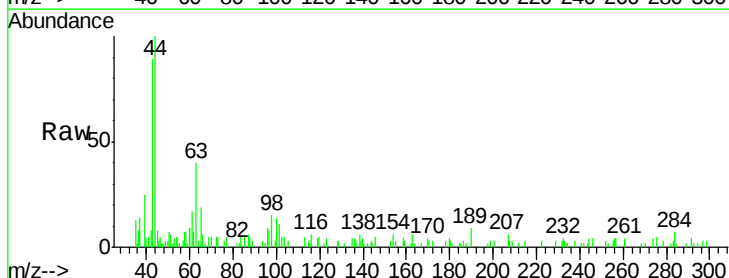
Acq: 16 Jul 2018 17:18

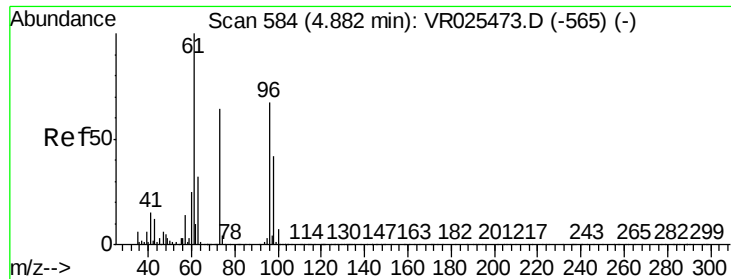
Tgt Ion: 43 Resp: 5270

Ion Ratio Lower Upper

43 100

58 22.6 0.0 41.6





#18

trans-1,2-Dichloroethene

Concen: 0.207 ug/L

RT: 4.83 min Scan# 575

Delta R.T. -0.05 min

Lab File: VR025480.D

Acq: 16 Jul 2018 17:18

Instrument :

MSVOA_R

ClientSampleId :

C0AG4

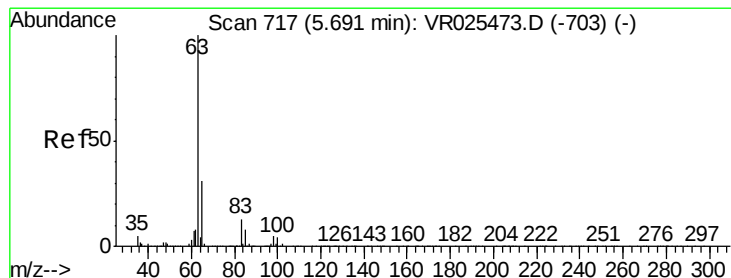
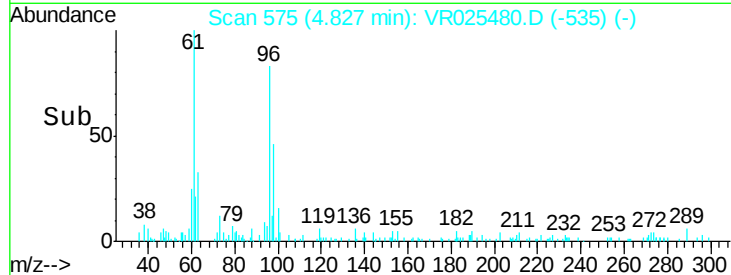
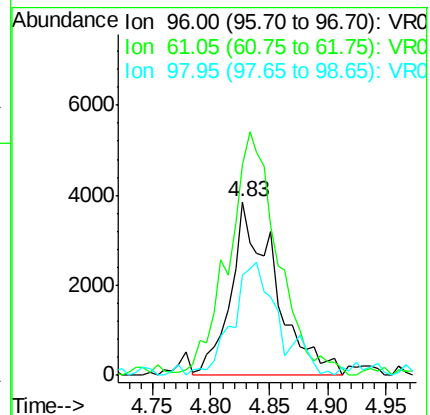
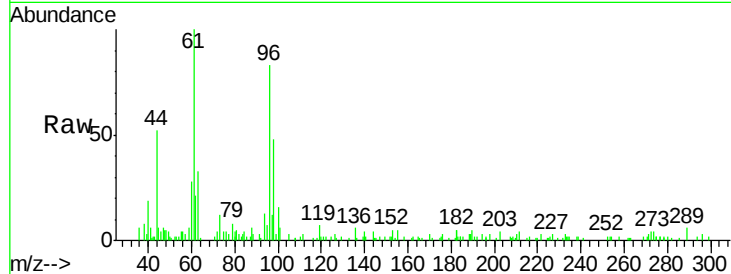
Tgt Ion: 96 Resp: 10194

Ion Ratio Lower Upper

96 100

61 121.0 104.4 193.8

98 57.6 43.1 80.1



#19

1,1-Dichloroethane

Concen: 0.365 ug/L

RT: 5.66 min Scan# 712

Delta R.T. -0.03 min

Lab File: VR025480.D

Acq: 16 Jul 2018 17:18

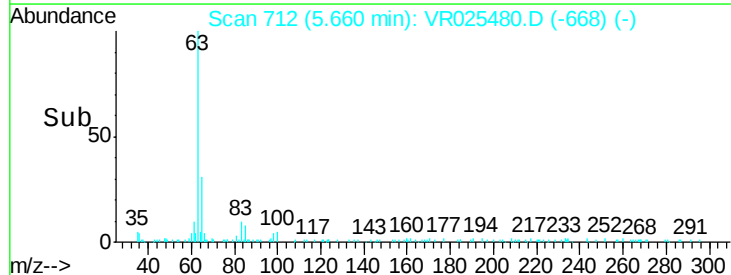
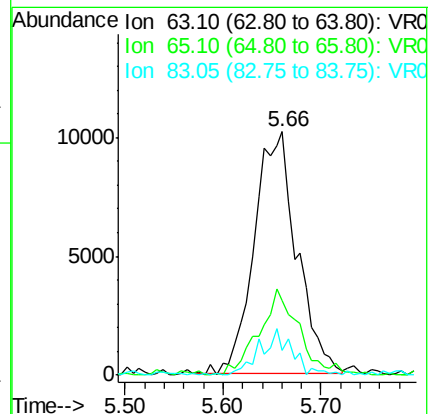
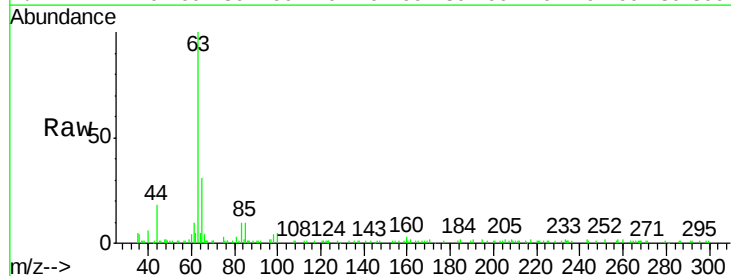
Tgt Ion: 63 Resp: 30865

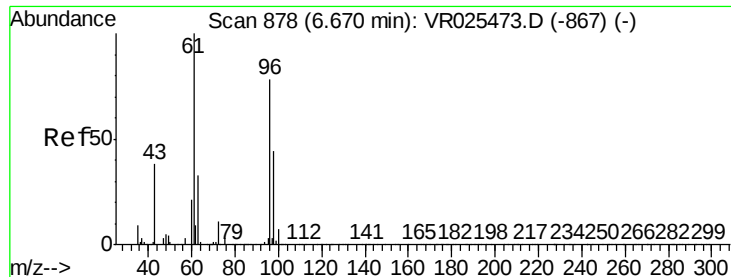
Ion Ratio Lower Upper

63 100

65 30.8 22.5 41.7

83 10.4 9.5 17.7



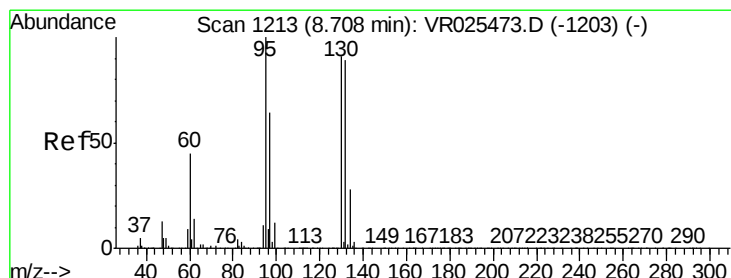
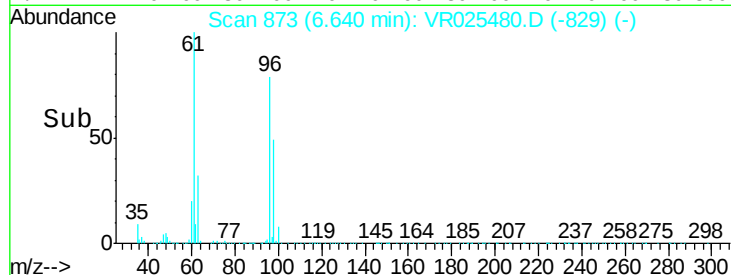
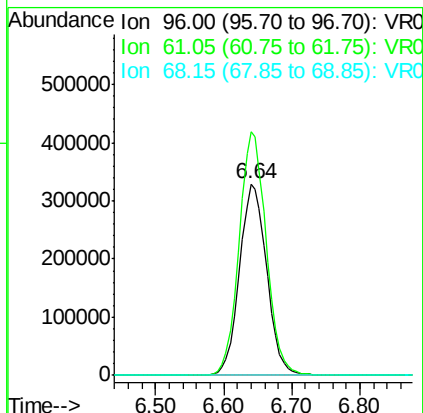
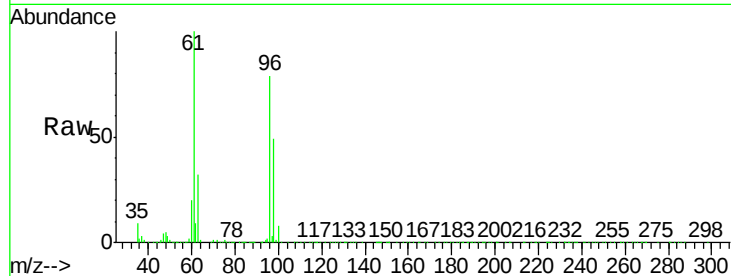


#22

cis-1,2-Dichloroethene
Concen: 20.182 ug/L
RT: 6.64 min Scan# 873
Delta R.T. -0.03 min
Lab File: VR025480.D
Acq: 16 Jul 2018 17:18

Instrument :
MSVOA_R
ClientSampled :
C0AG4

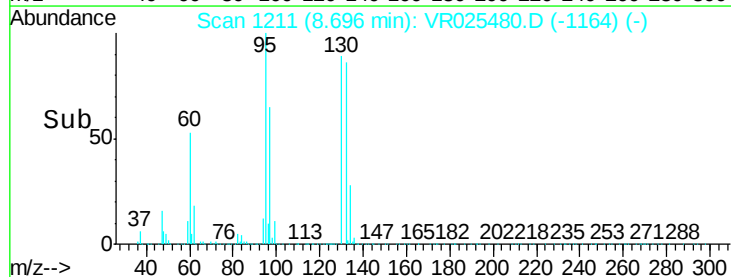
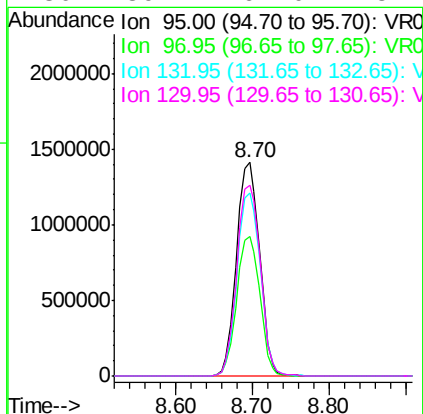
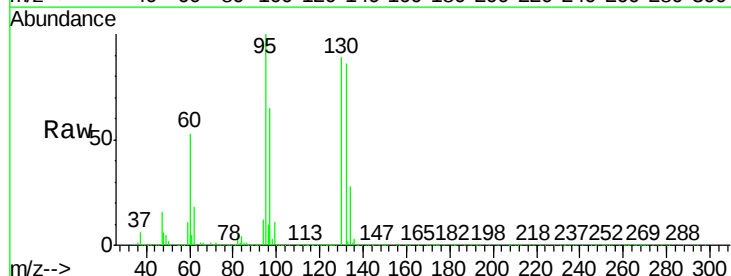
Tgt Ion: 96 Resp: 912352
Ion Ratio Lower Upper
96 100
61 127.0 91.0 169.0
68 0.1 0.0 0.0#

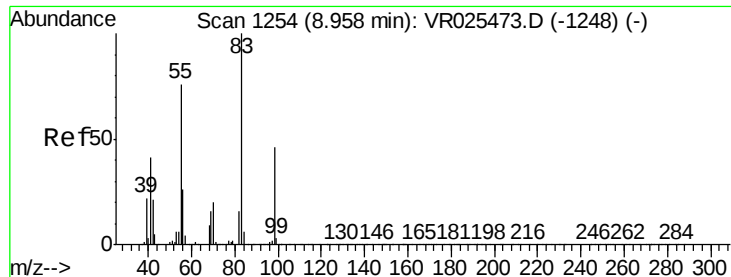


#34

Trichloroethene
Concen: 60.545 ug/L
RT: 8.70 min Scan# 1211
Delta R.T. -0.01 min
Lab File: VR025480.D
Acq: 16 Jul 2018 17:18

Tgt Ion: 95 Resp: 2958843
Ion Ratio Lower Upper
95 100
97 65.2 45.6 84.6
132 86.0 60.9 113.1
130 89.2 62.0 115.2

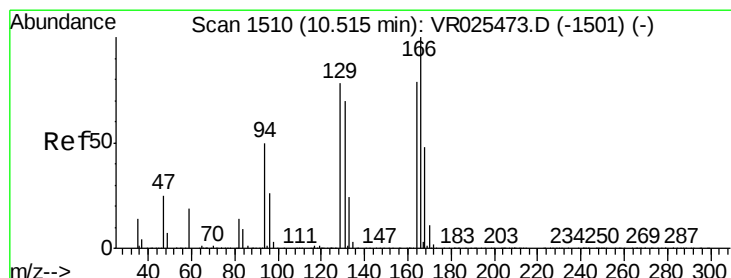
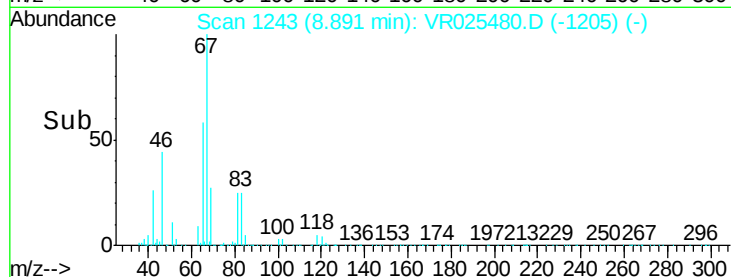
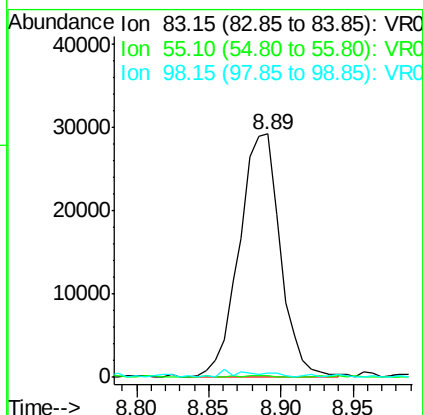
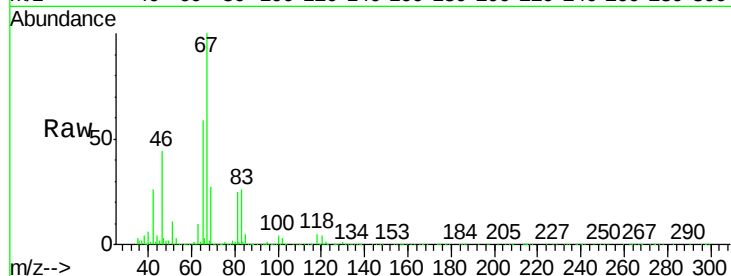




#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 8.89 min Scan# 1243
Delta R.T. -0.07 min
Lab File: VR025480.D
Acq: 16 Jul 2018 17:18

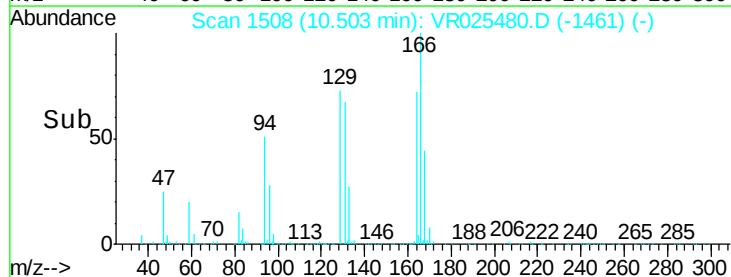
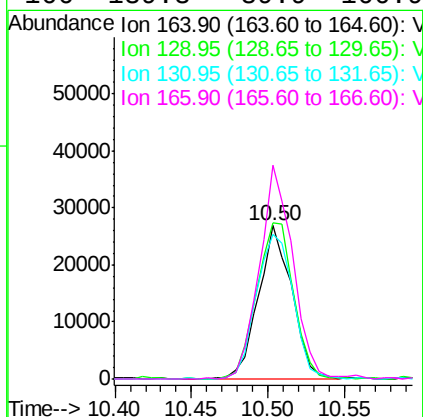
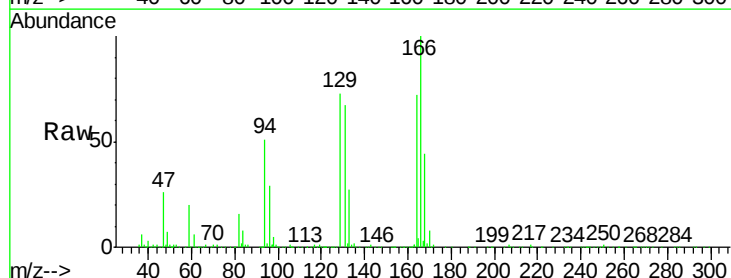
Instrument :
MSVOA_R
ClientSampleId :
C0AG4

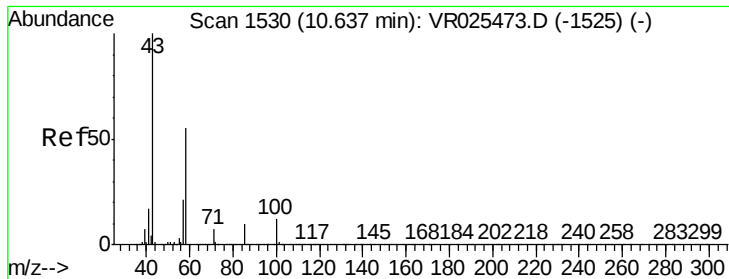
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.1	99.1#
98	0.0	36.2	54.4#



#47
Tetrachloroethene
Concen: 1.286 ug/L
RT: 10.50 min Scan# 1508
Delta R.T. -0.01 min
Lab File: VR025480.D
Acq: 16 Jul 2018 17:18

Tgt Ion	Ratio	Lower	Upper
164	100		
129	102.2	68.1	126.5
131	93.9	68.5	127.1
166	139.3	89.9	166.9

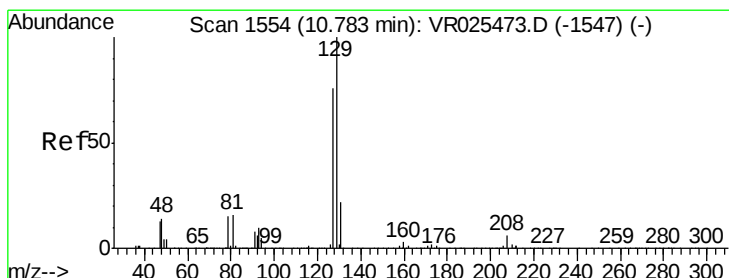
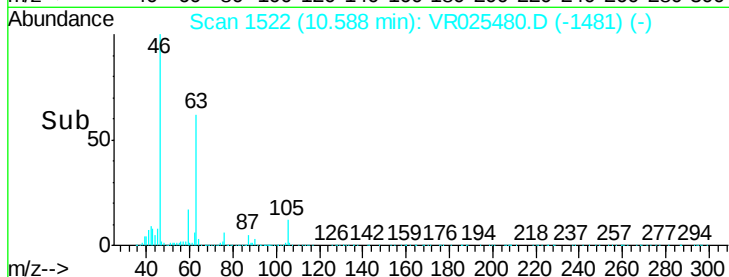
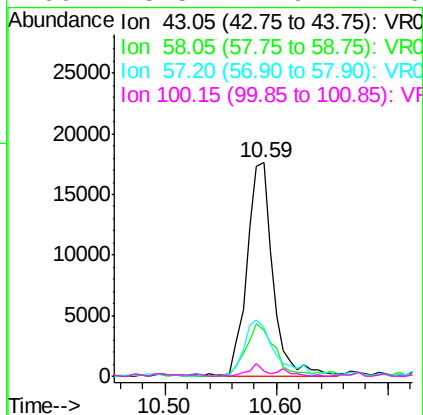
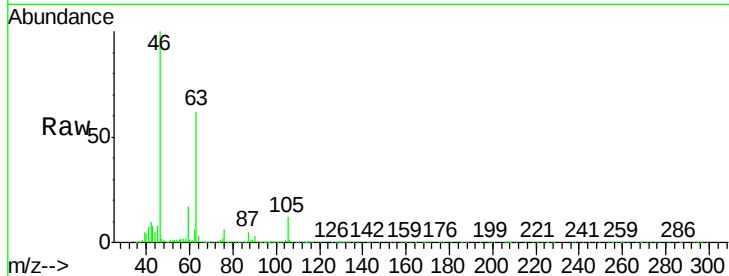




#48
2-Hexanone
Concen: 3.205 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025480.D
Acq: 16 Jul 2018 17:18

Instrument :
MSVOA_R
ClientSampled :
C0AG4

Tgt Ion:	43	Resp:	28507
Ion	Ratio	Lower	Upper
43	100		
58	26.9	43.1	64.7#
57	31.1	15.3	22.9#
100	3.5	7.9	11.9#



#49
Dibromochloromethane
Concen: 1.344 ug/L
RT: 10.50 min Scan# 1508
Delta R.T. -0.28 min
Lab File: VR025480.D
Acq: 16 Jul 2018 17:18

Tgt Ion:	129	Resp:	30636
Ion	Ratio	Lower	Upper
129	100		
127	0.3	55.9	103.7#

