

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071818\
 Data File : VR025505.D
 Acq On : 18 Jul 2018 14:17
 Operator : SY/MD
 Sample : J4002-04DL2 1000X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG1DL2

Quant Time: Jul 19 05:18:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 05:17:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	922724	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	731182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	247206	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	76395	3.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	2.63	69	65159	3.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.20%#
11) 1,1-Dichloroethene-d2	3.63	63	176118	2.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.80%#
20) 2-Butanone-d5	6.60	46	227877	28.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.68%
24) Chloroform-d	7.20	84	366541	2.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.20%#
26) 1,2-Dichloroethane-d4	7.89	65	142671	2.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.20%#
32) Benzene-d6	7.86	84	780937	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.80%#
36) 1,2-Dichloropropane-d6	8.90	67	223140	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.80%
41) Toluene-d8	9.97	98	689464	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.20%#
43) trans-1,3-Dichloropropene-	10.24	79	55484	2.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.00%
46) 2-Hexanone-d5	10.59	63	188205	30.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93000	2.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	146977	3.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.00%#

Target Compounds

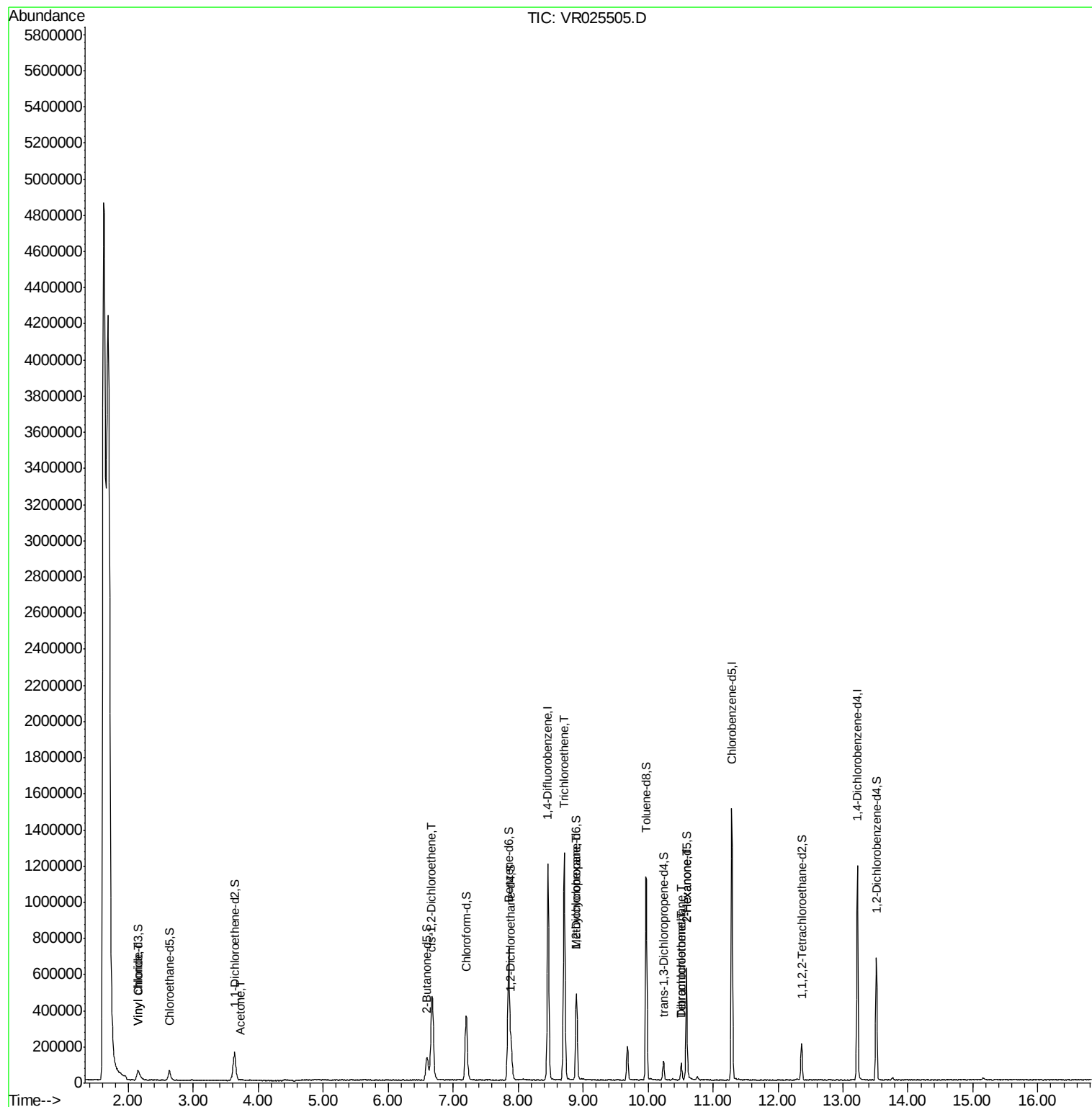
					Qvalue
5) Vinyl chloride	2.16	62	29691	1.069 ug/L	95
13) Acetone	3.72	43	1124	0.316 ug/L	92
22) cis-1,2-Dichloroethene	6.68	96	295555	4.693 ug/L	94
34) Trichloroethene	8.71	95	449230	7.002 ug/L	97
35) Methylcyclohexane	8.90	83	52680	0.614 ug/L #	18
47) Tetrachloroethene	10.52	164	18484	0.441 ug/L	87
48) 2-Hexanone	10.59	43	24461	2.095 ug/L #	68
49) Dibromochloromethane	10.52	129	19017	0.635 ug/L #	11

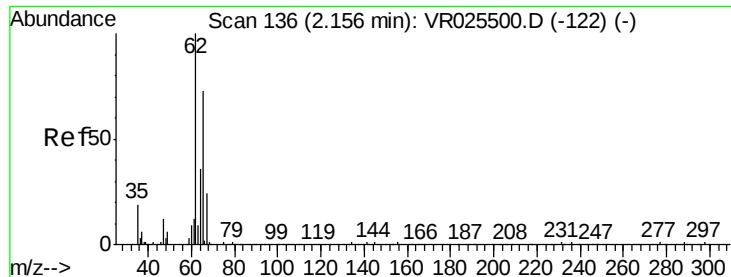
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.069 ug/L

RT: 2.16 min Scan# 136

Delta R.T. 0.00 min

Lab File: VR025505.D

Acq: 18 Jul 2018 14:17

Instrument :

MSVOA_R

ClientSampled :

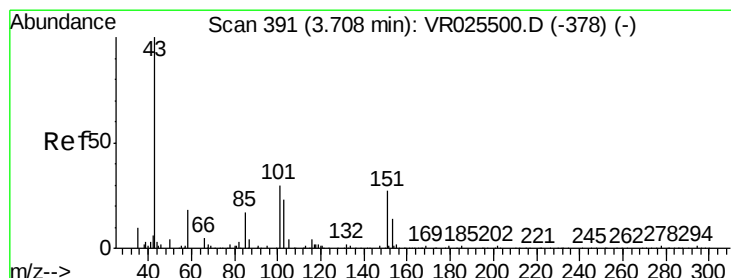
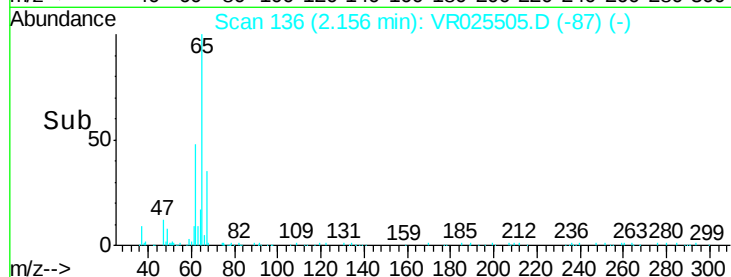
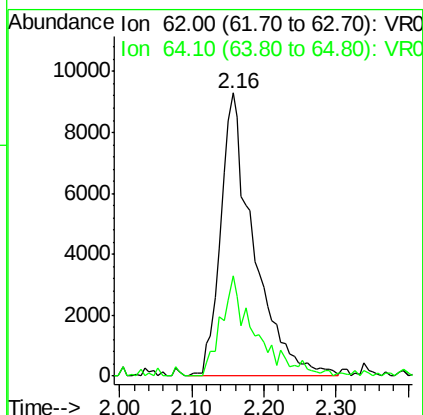
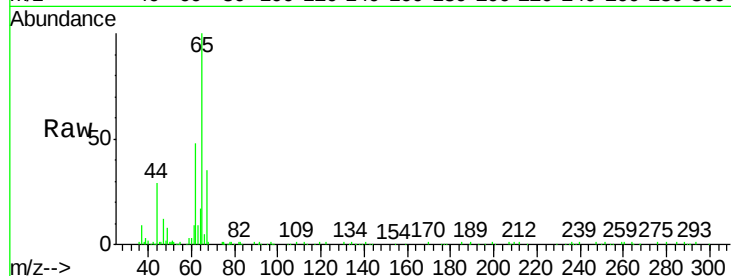
C0AG1DL2

Tgt Ion: 62 Resp: 29691

Ion Ratio Lower Upper

62 100

64 35.4 22.8 42.4



#13

Acetone

Concen: 0.316 ug/L

RT: 3.72 min Scan# 393

Delta R.T. 0.01 min

Lab File: VR025505.D

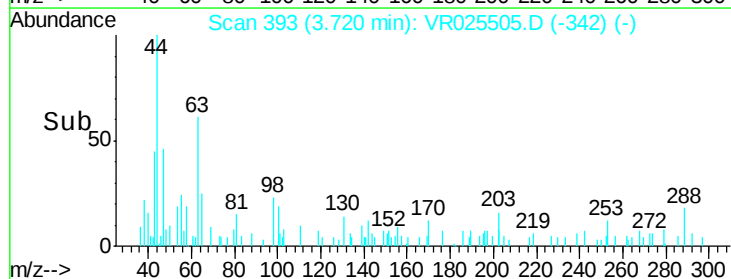
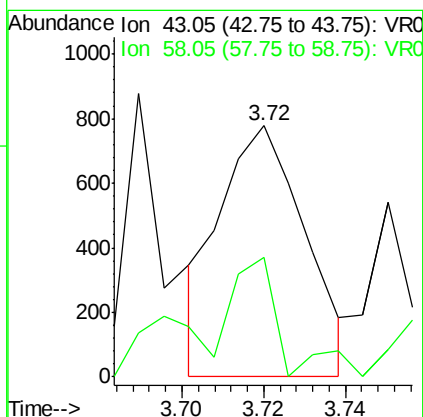
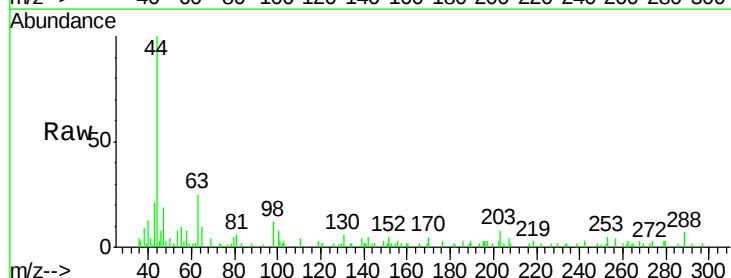
Acq: 18 Jul 2018 14:17

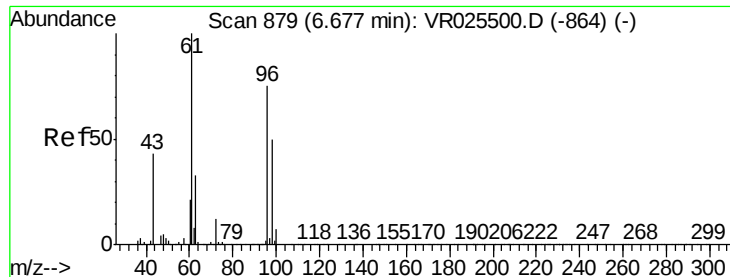
Tgt Ion: 43 Resp: 1124

Ion Ratio Lower Upper

43 100

58 24.6 0.0 41.6



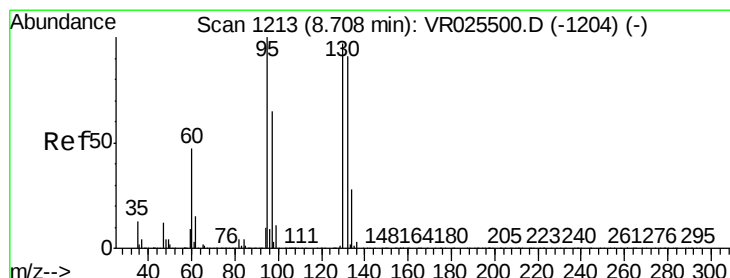
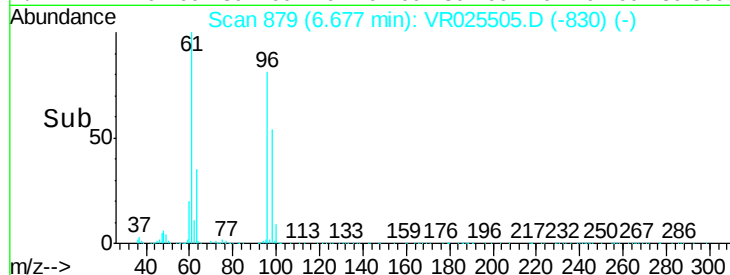
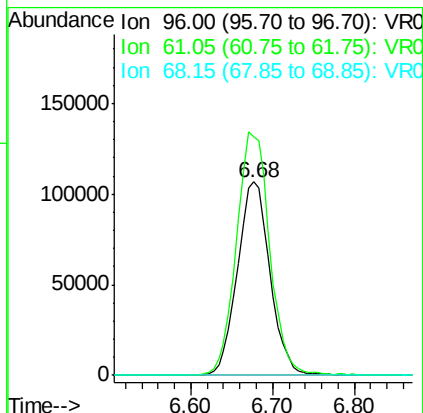
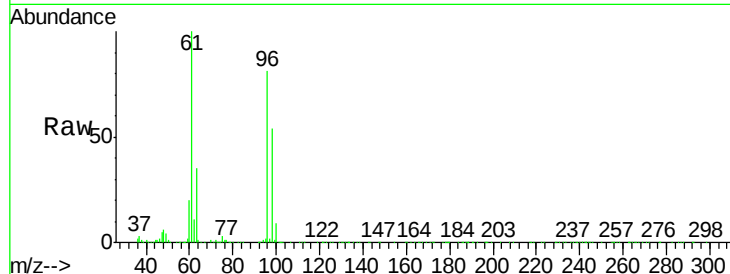


#22

cis-1,2-Dichloroethene
 Concen: 4.693 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VR025505.D
 Acq: 18 Jul 2018 14:17

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG1DL2

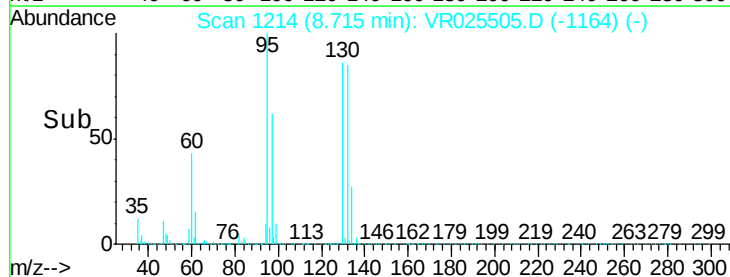
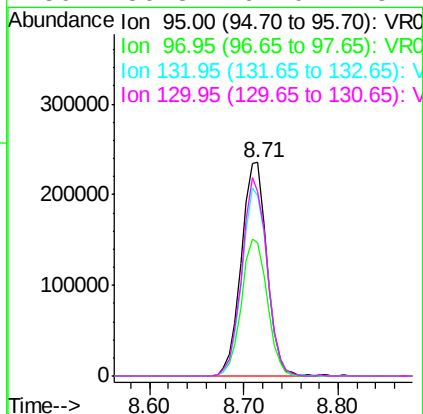
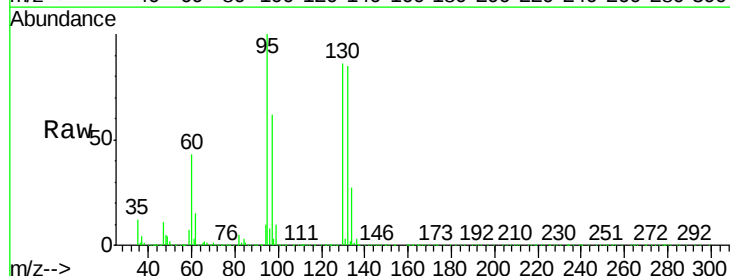
Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.5	91.0	169.0
68	0.0	0.0	0.0

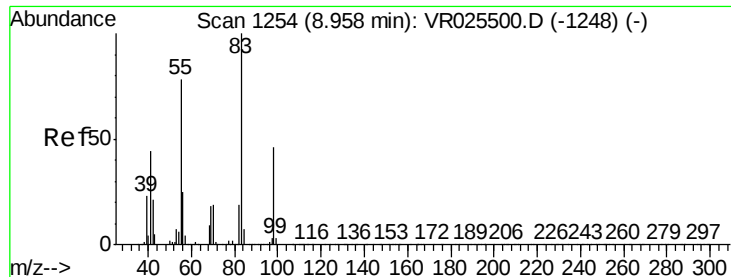


#34

Trichloroethene
 Concen: 7.002 ug/L
 RT: 8.71 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: VR025505.D
 Acq: 18 Jul 2018 14:17

Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.6	84.6
132	84.7	60.9	113.1
130	86.3	62.0	115.2

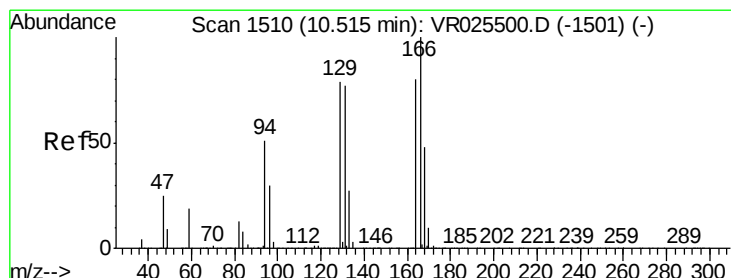
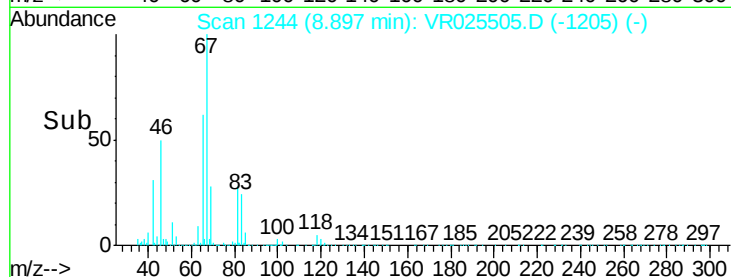
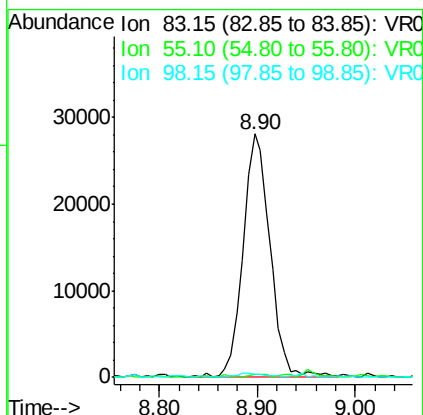
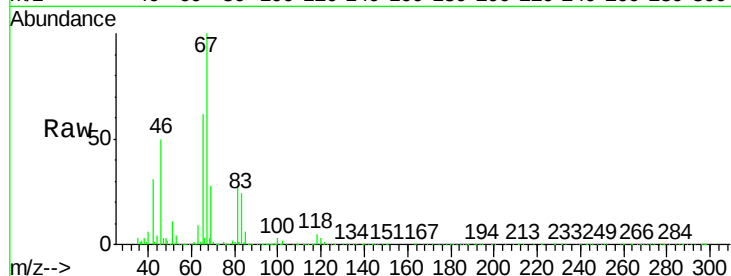




#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025505.D
Acq: 18 Jul 2018 14:17

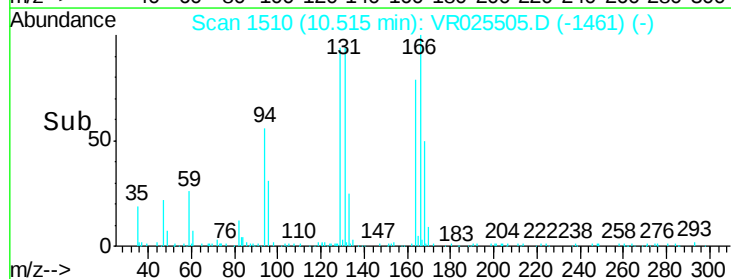
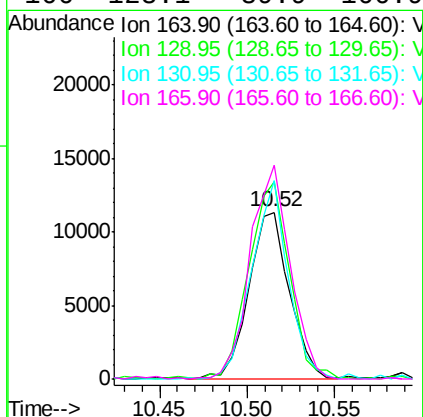
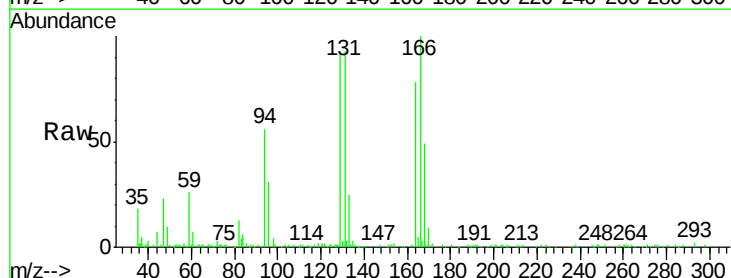
Instrument :
MSVOA_R
ClientSampleId :
C0AG1DL2

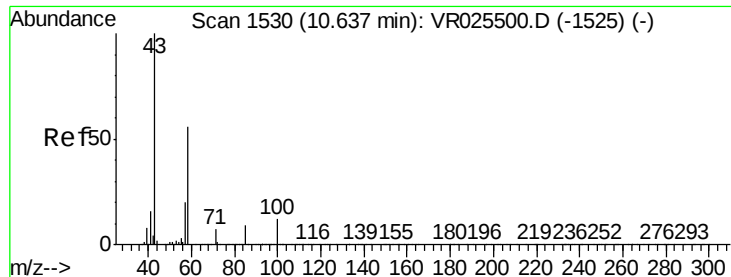
Tgt Ion: 83 Resp: 52680
Ion Ratio Lower Upper
83 100
55 0.8 66.1 99.1#
98 1.9 36.2 54.4#



#47
Tetrachloroethene
Concen: 0.441 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VR025505.D
Acq: 18 Jul 2018 14:17

Tgt Ion: 164 Resp: 18484
Ion Ratio Lower Upper
164 100
129 118.4 68.1 126.5
131 119.3 68.5 127.1
166 128.1 89.9 166.9

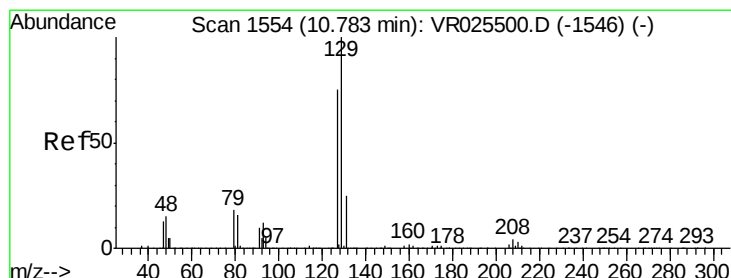
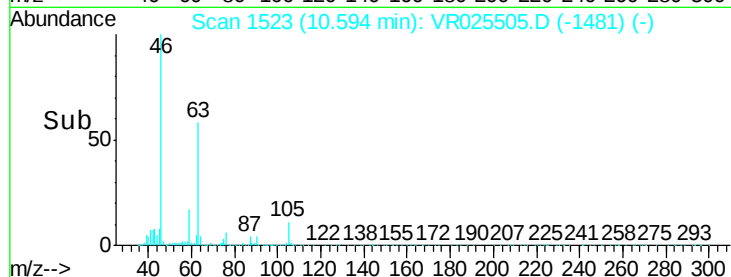
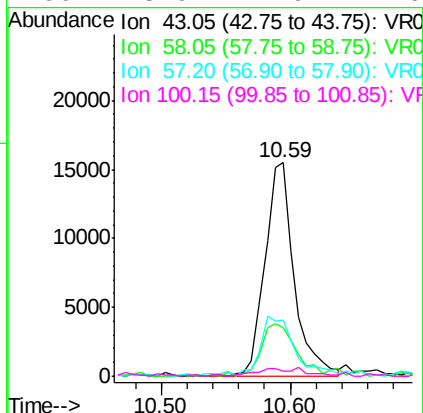
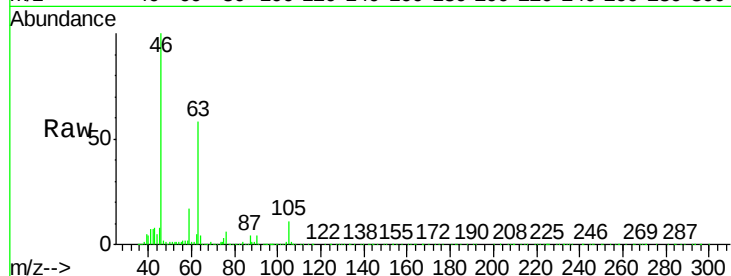




#48
2-Hexanone
Concen: 2.095 ug/L
RT: 10.59 min Scan# 1523
Delta R.T. -0.04 min
Lab File: VR025505.D
Acq: 18 Jul 2018 14:17

Instrument :
MSVOA_R
ClientSampleId :
C0AG1DL2

Tgt Ion: 43 Resp: 24461
Ion Ratio Lower Upper
43 100
58 29.7 43.1 64.7#
57 35.1 15.3 22.9#
100 3.9 7.9 11.9#



#49
Dibromochloromethane
Concen: 0.635 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.27 min
Lab File: VR025505.D
Acq: 18 Jul 2018 14:17

Tgt Ion: 129 Resp: 19017
Ion Ratio Lower Upper
129 100
127 1.3 55.9 103.7#

