

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
 Data File : VR025495.D
 Acq On : 17 Jul 2018 16:27
 Operator : SY/MD
 Sample : J4002-11 40X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG8DL

Quant Time: Jul 18 01:04:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 18 01:02:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	758491	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	611559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	237911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	99660	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	2.64	69	80614	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	3.64	63	206391	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	6.60	46	300052	46.20	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.40%
24) Chloroform-d	7.21	84	429445	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	7.90	65	177808	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.86	84	927264	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	266211	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	9.97	98	838303	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	10.24	79	69814	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	10.59	63	263681	51.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	117742	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	193557	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

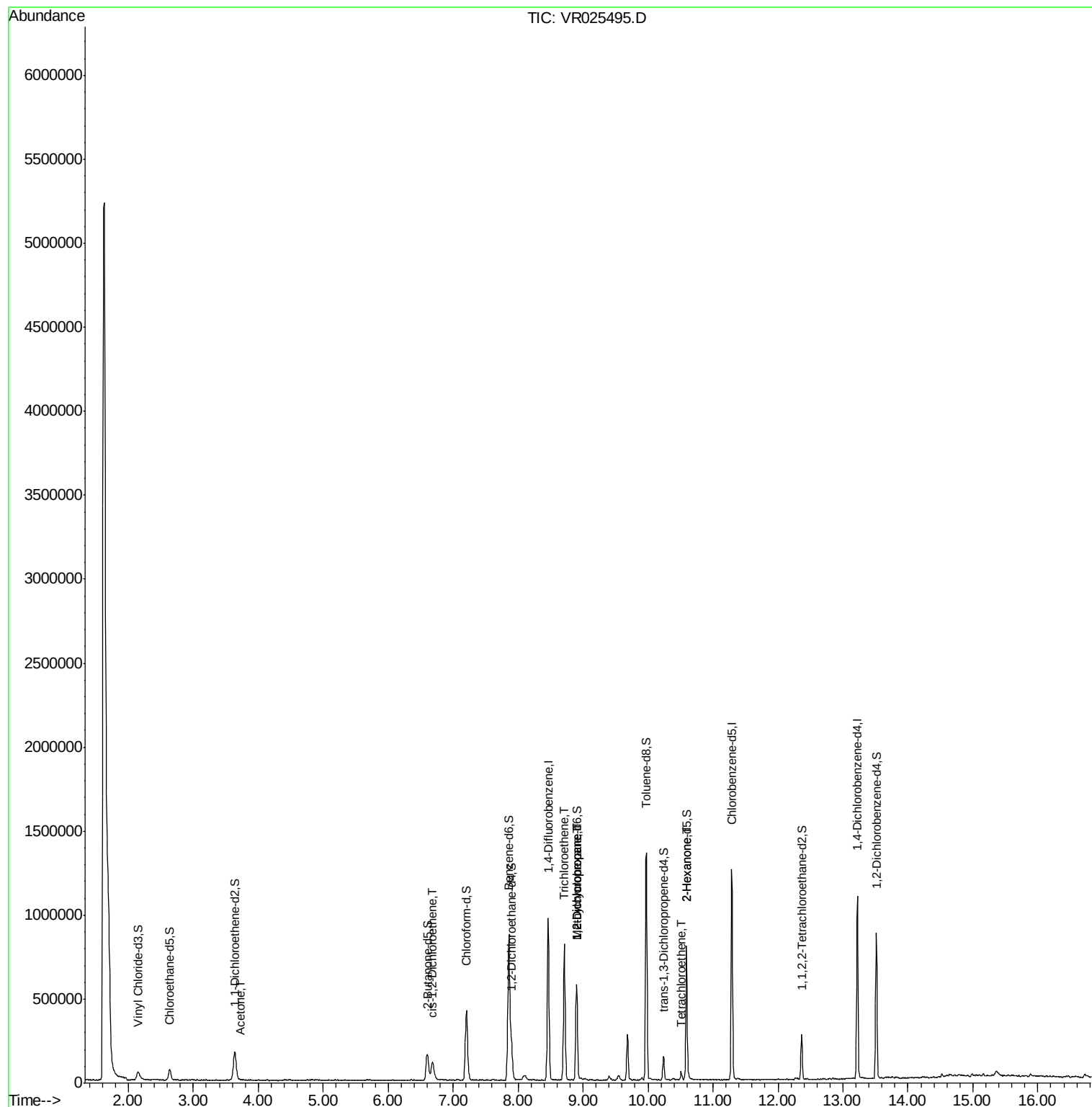
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	3.73	43	1587	0.542	ug/L	63
22) cis-1,2-Dichloroethene	6.68	96	61343	1.185	ug/L #	97
34) Trichloroethene	8.71	95	284775	5.307	ug/L	96
35) Methylcyclohexane	8.90	83	62614	0.873	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	29803	0.608	ug/L #	94
47) Tetrachloroethene	10.52	164	10336	0.295	ug/L #	85
48) 2-Hexanone	10.59	43	31481	3.223	ug/L #	61

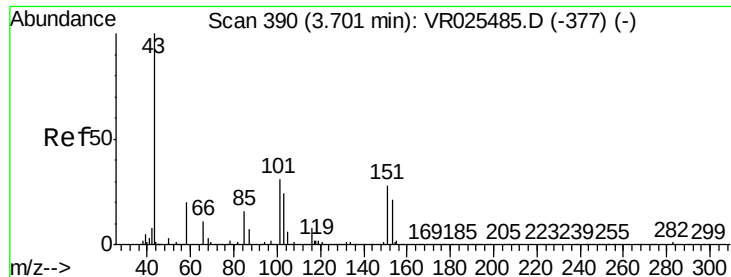
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 18 01:02:47 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.542 ug/L

RT: 3.73 min Scan# 394

Delta R.T. 0.02 min

Lab File: VR025495.D

Acq: 17 Jul 2018 16:27

Instrument :

MSVOA_R

ClientSampleId :

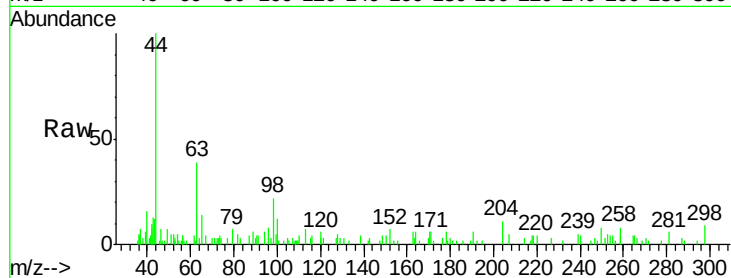
C0AG8DL

Tgt Ion: 43 Resp: 1587

Ion Ratio Lower Upper

43 100

58 3.6 0.0 41.6

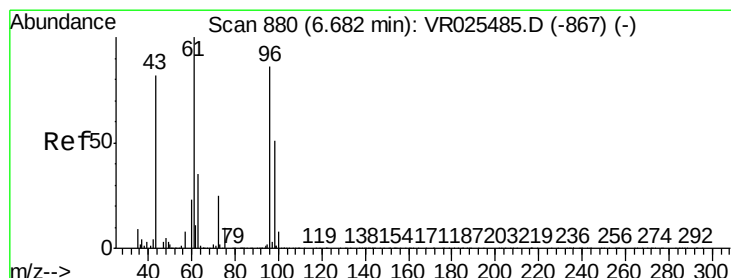
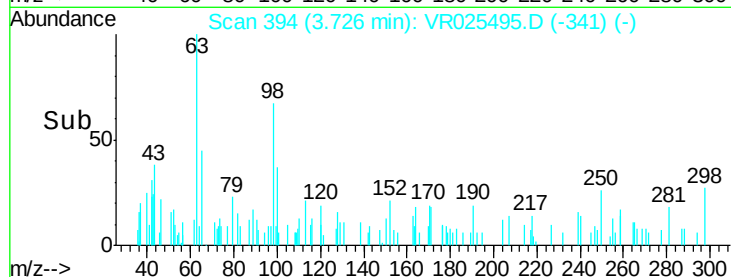


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.73

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.185 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.00 min

Lab File: VR025495.D

Acq: 17 Jul 2018 16:27

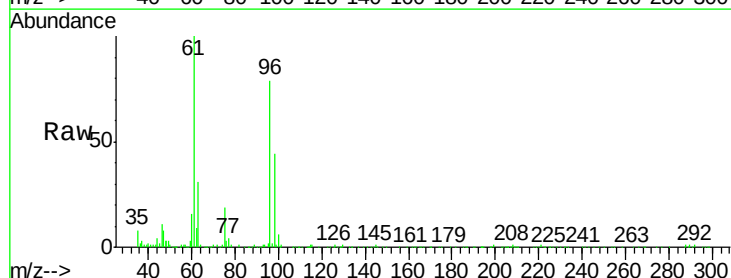
Tgt Ion: 96 Resp: 61343

Ion Ratio Lower Upper

96 100

61 127.0 91.0 169.0

68 0.3 0.0 0.0#



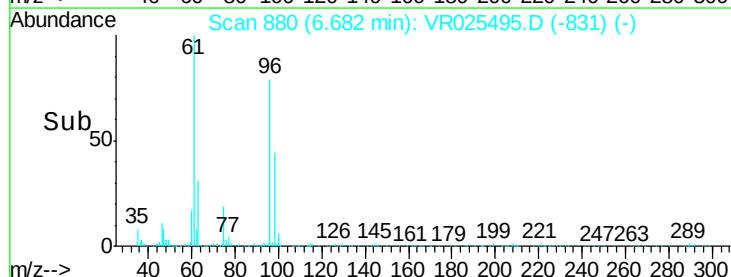
Abundance Ion 96.00 (95.70 to 96.70): VR0

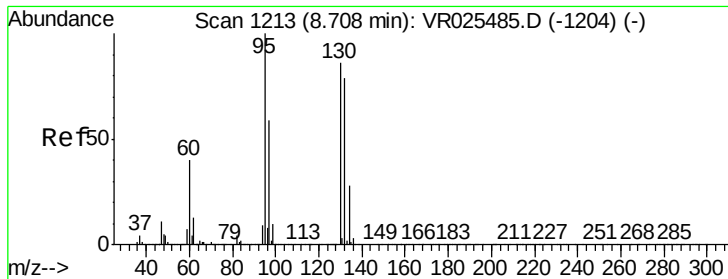
Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

6.68

Time-->





#34

Trichloroethene

Concen: 5.307 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VR025495.D

Acq: 17 Jul 2018 16:27

Instrument :

MSVOA_R

ClientSampleId :

C0AG8DL

Tgt Ion: 95 Resp: 284775

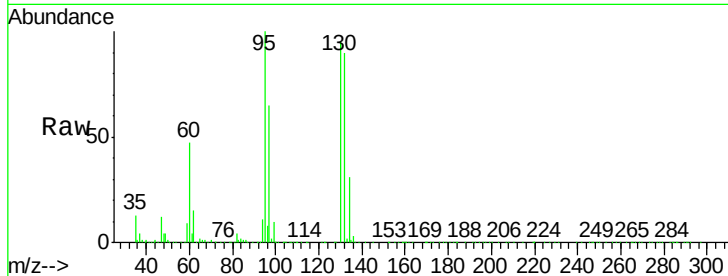
Ion Ratio Lower Upper

95 100

97 64.9 45.6 84.6

132 90.5 60.9 113.1

130 95.0 62.0 115.2

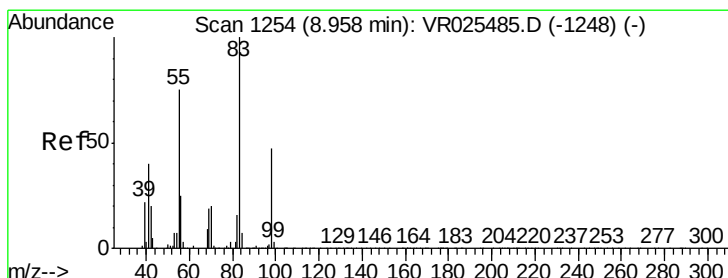
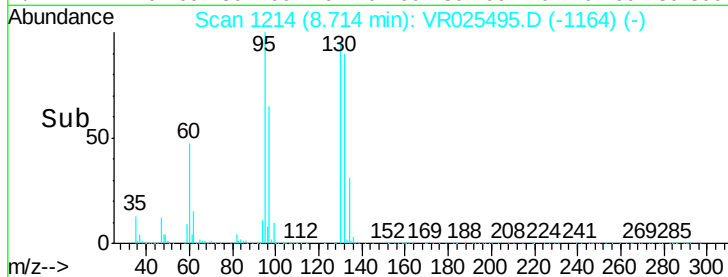
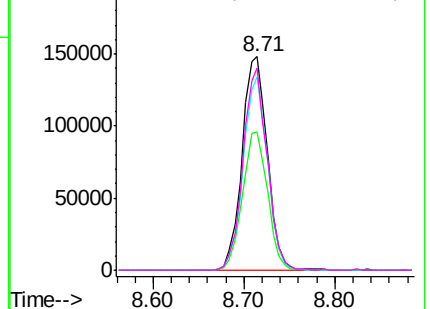


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.873 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025495.D

Acq: 17 Jul 2018 16:27

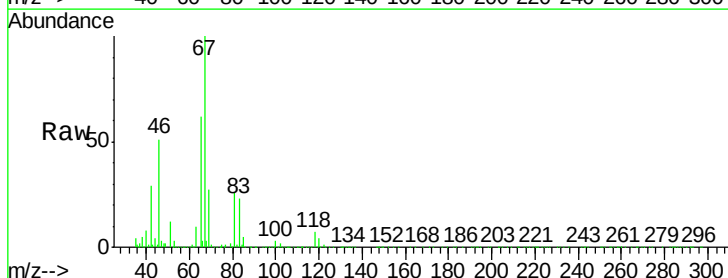
Tgt Ion: 83 Resp: 62614

Ion Ratio Lower Upper

83 100

55 1.2 66.1 99.1#

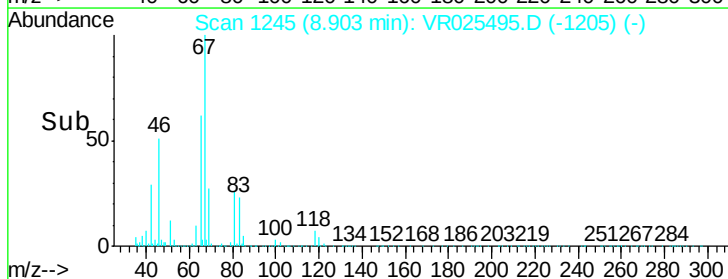
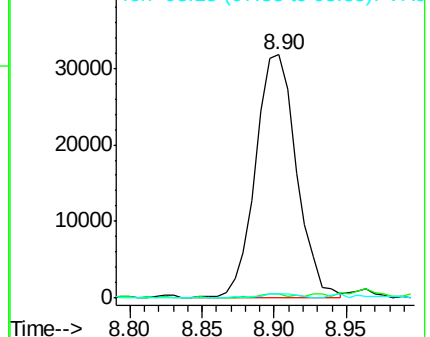
98 1.7 36.2 54.4#

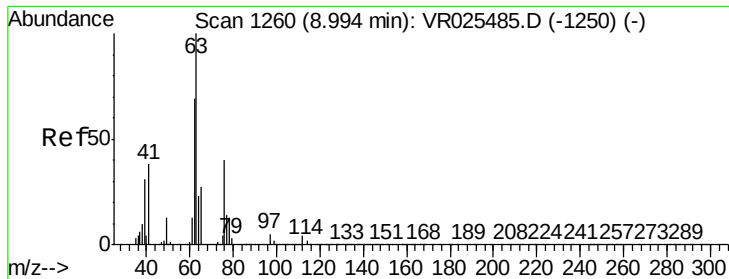


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

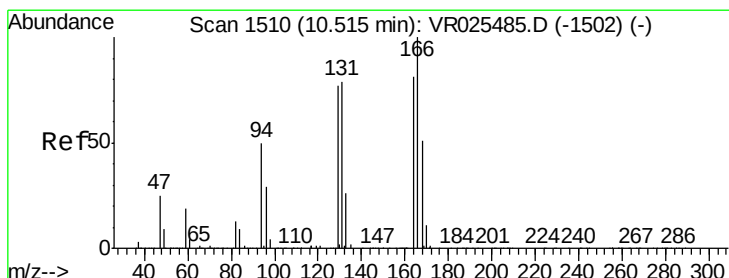
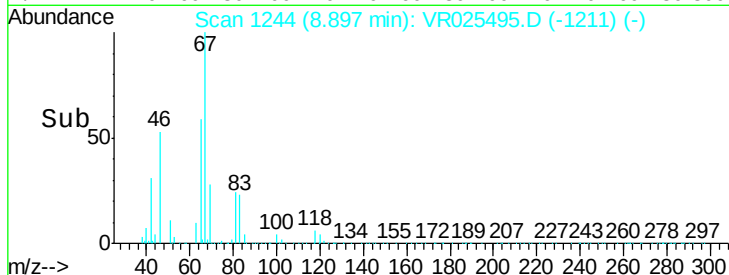
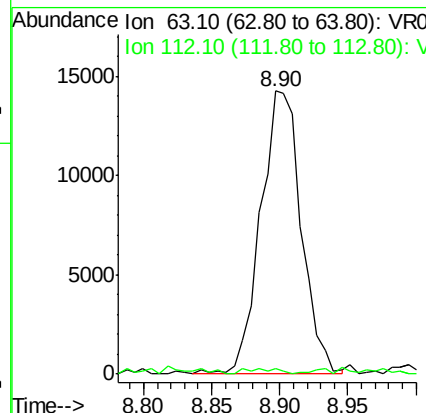
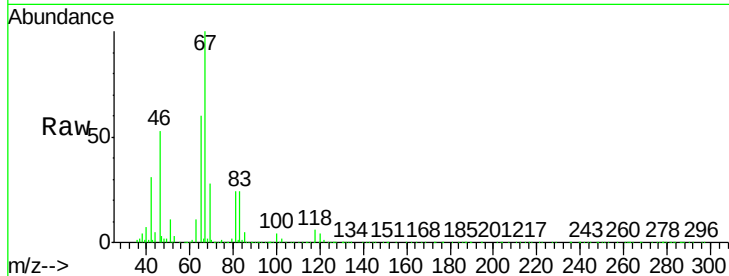




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025495.D
 Acq: 17 Jul 2018 16:27

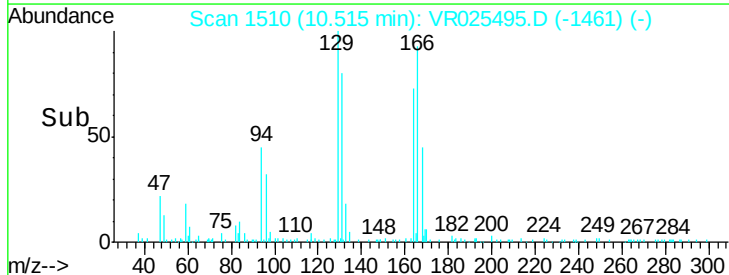
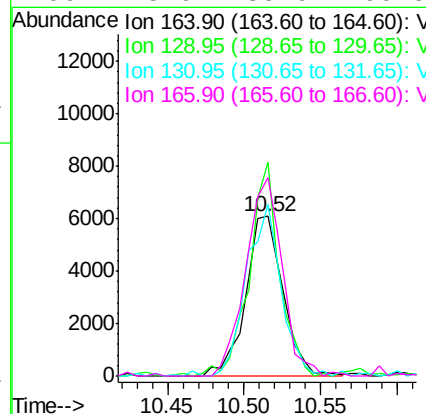
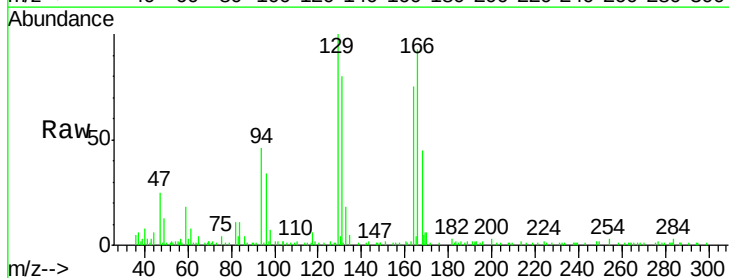
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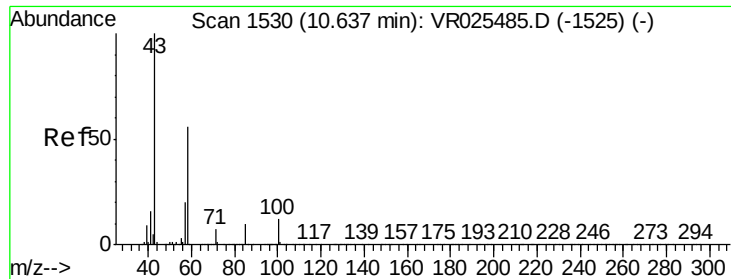
Tgt Ion: 63 Resp: 29803
 Ion Ratio Lower Upper
 63 100
 112 1.6 2.9 4.3#



#47
 Tetrachloroethene
 Concen: 0.295 ug/L
 RT: 10.52 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VR025495.D
 Acq: 17 Jul 2018 16:27

Tgt Ion: 164 Resp: 10336
 Ion Ratio Lower Upper
 164 100
 129 133.6 68.1 126.5#
 131 107.0 68.5 127.1
 166 123.9 89.9 166.9





#48
 2-Hexanone
 Concen: 3.223 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025495.D
 Acq: 17 Jul 2018 16:27

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG8DL

Tgt Ion: 43 Resp: 31481
 Ion Ratio Lower Upper
 43 100
 58 20.5 43.1 64.7#
 57 30.3 15.3 22.9#
 100 1.3 7.9 11.9#

