

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025927.D
 Acq On : 2 Oct 2018 14:44
 Operator : SY/MD
 Sample : J5160-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 GACB3

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 2:46:33 PM

Quant Time: Oct 03 03:55:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 02:53:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	443171	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	377017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	123991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	145063	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	2.63	69	141998	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	3.63	63	263119	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	6.59	46	227322	58.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.70%
24) Chloroform-d	7.20	84	274583	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	7.89	65	130357	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	7.85	84	527160	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	8.90	67	158444	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	467712	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	10.24	79	33632	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	173703	59.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65950	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	94373	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	21720	0.806 ug/L #	79
9) Trichlorofluoromethane	2.94	101	29272m	0.553 ug/L	
19) 1,1-Dichloroethane	5.70	63	112888	2.061 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	17781	0.639 ug/L #	98
29) 1,1,1-Trichloroethane	7.43	97	11812	0.279 ug/L	92
34) Trichloroethene	8.71	95	22072	0.662 ug/L	95
47) Tetrachloroethene	10.51	164	5388329	262.445 ug/L	83

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

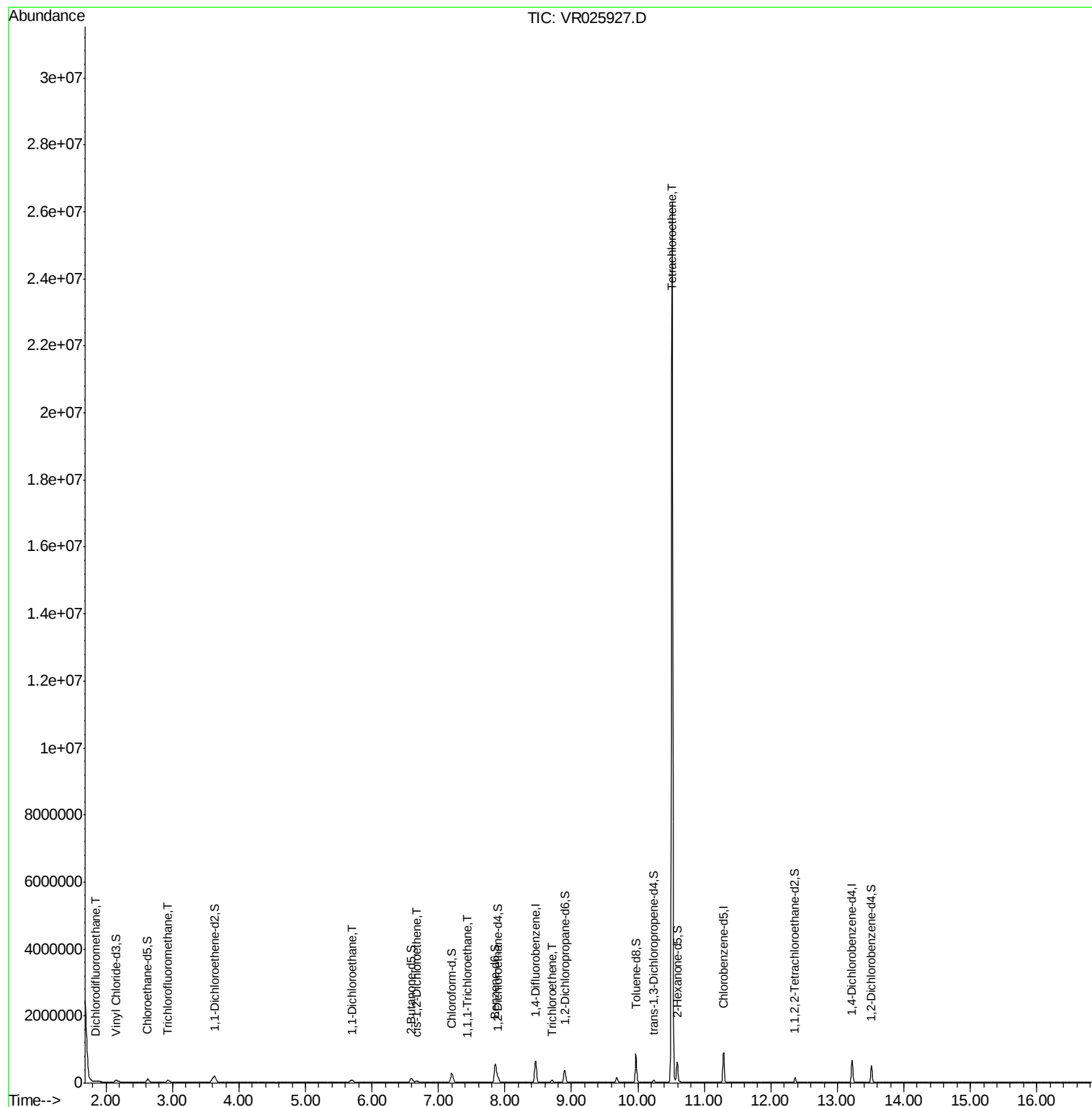
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Data File : VR025927.D
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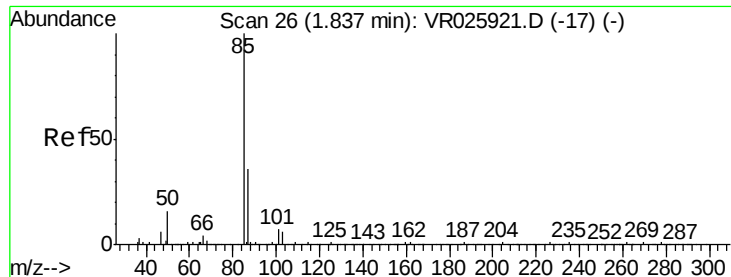
Instrument :
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Quant Time: Oct 03 03:55:10 2018
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 02:53:45 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.806 ug/L

RT: 1.84 min Scan# 27

Delta R.T. 0.01 min

Lab File: VR025927.D

Acq: 2 Oct 2018 14:44

Instrument :

MSVOA_R

ClientSampleId :

GACB3

Tot Ion: 85 Resp: 21720

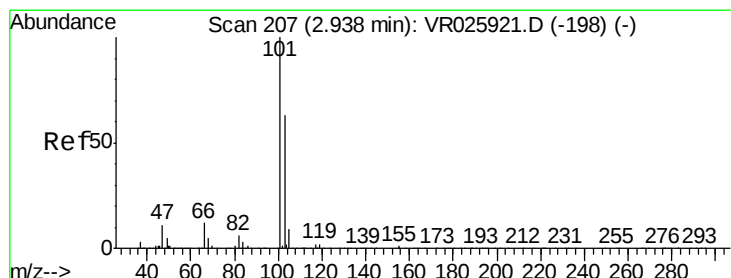
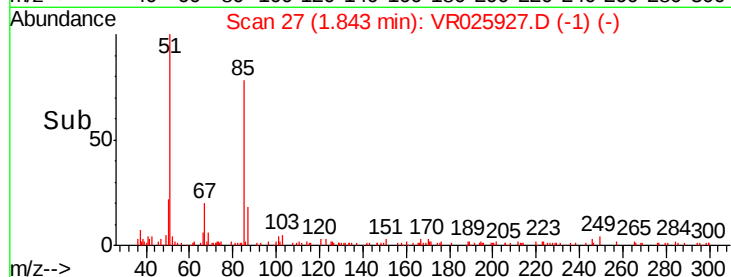
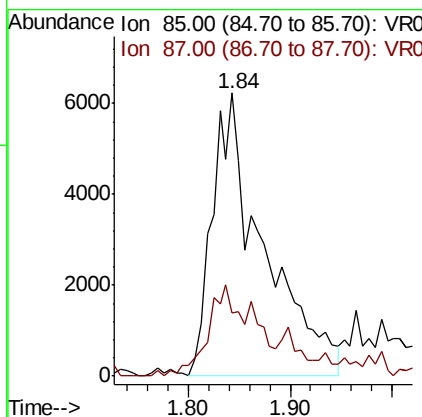
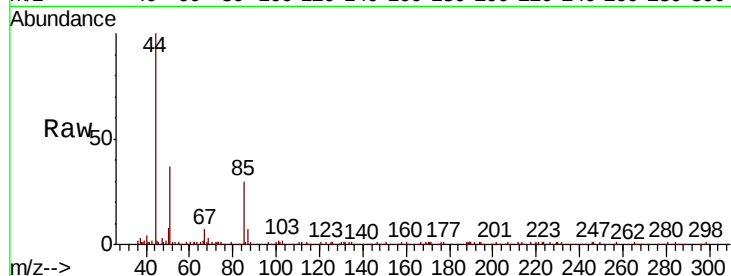
Ion Ratio Lower Upper

85 100

87 19.6 25.1 37.7#

Manual Integrations
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#9

Trichlorofluoromethane

Concen: 0.553 ug/L m

RT: 2.94 min Scan# 207

Delta R.T. 0.00 min

Lab File: VR025927.D

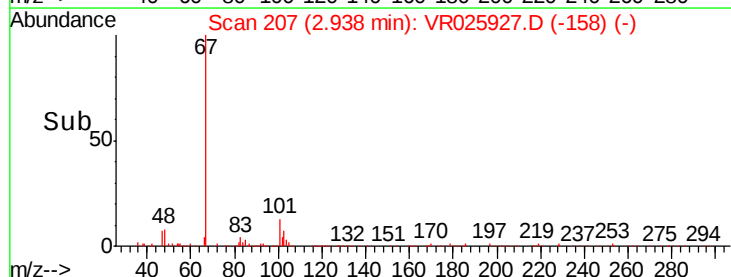
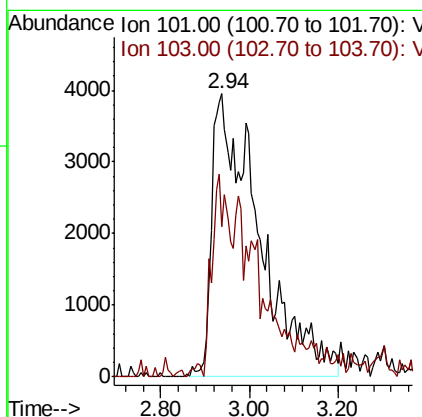
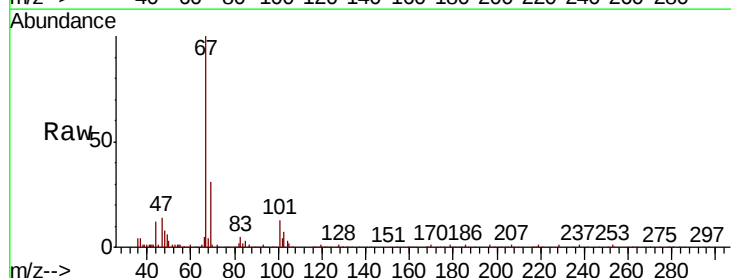
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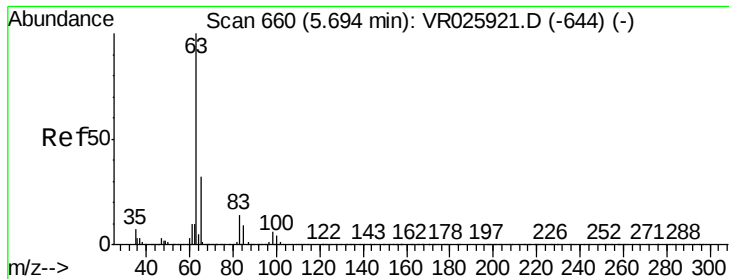
Tgt Ion: 101 Resp: 29272

Ion Ratio Lower Upper

101 100

103 27.4 22.1 33.1





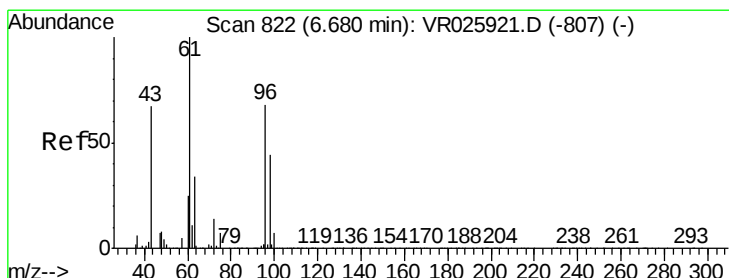
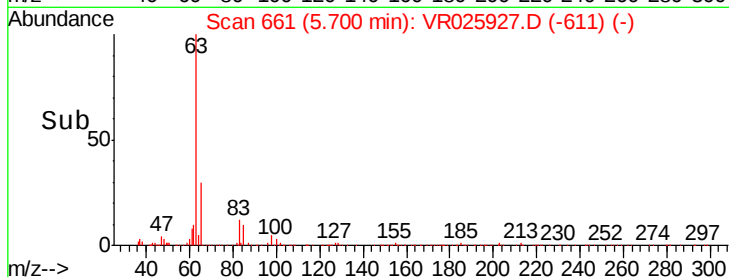
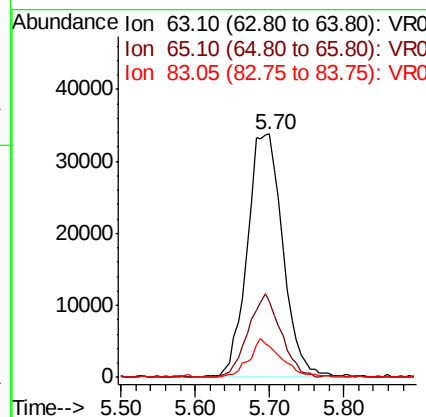
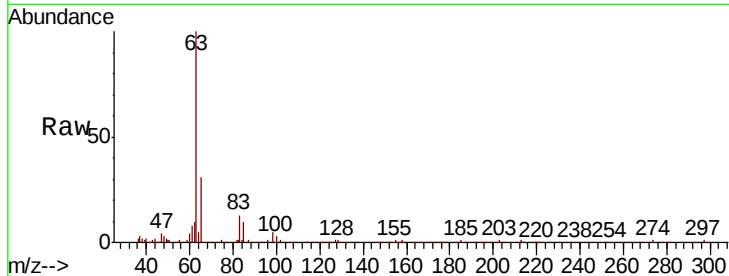
#19
 1,1-Dichloroethane
 Concen: 2.061 ug/L
 RT: 5.70 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VR025927.D
 Acq: 2 Oct 2018 14:44

Instrument :
 MSVOA_R
 ClientSampleId :
 GACB3

Tot Ion:	63	Resp:	112888
Ion Ratio	Lower	Upper	
63	100		
65	31.0	21.1	39.1
83	12.6	8.9	16.5

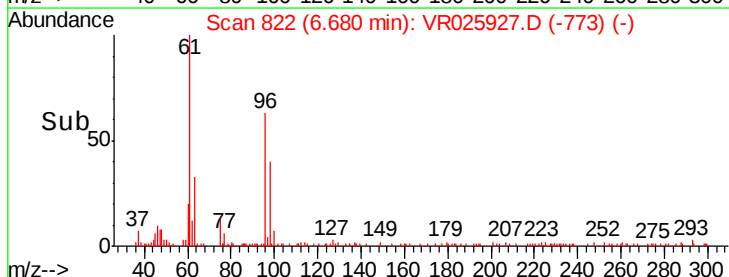
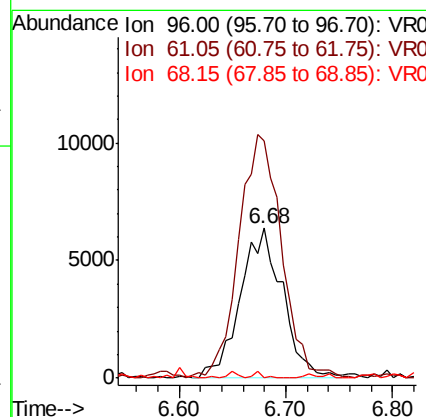
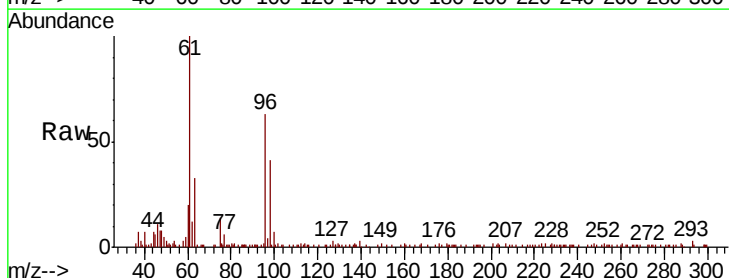
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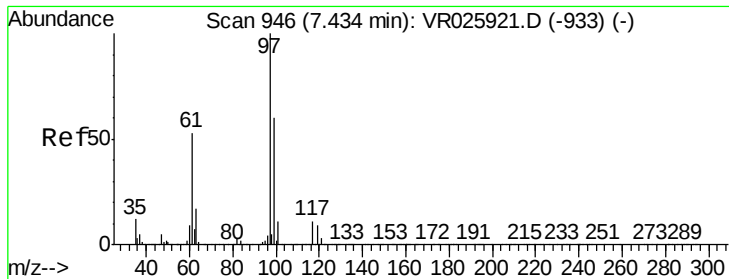
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#22
 cis-1,2-Dichloroethene
 Concen: 0.639 ug/L
 RT: 6.68 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: VR025927.D
 Acq: 2 Oct 2018 14:44

Tgt Ion:	96	Resp:	17781
Ion Ratio	Lower	Upper	
96	100		
61	158.3	108.7	201.9
68	0.0	0.1	0.1#





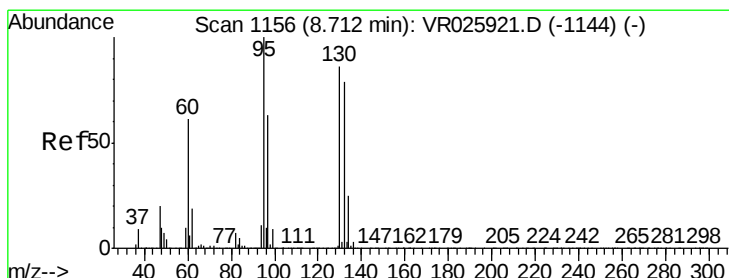
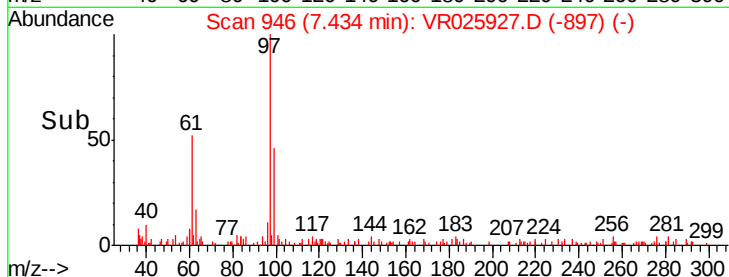
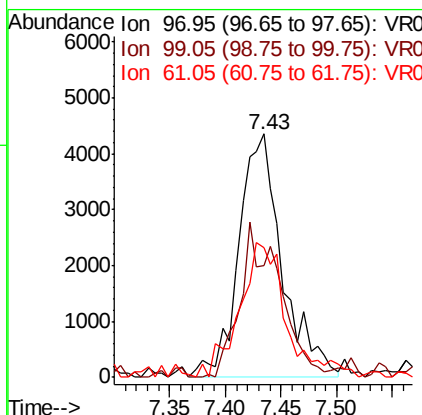
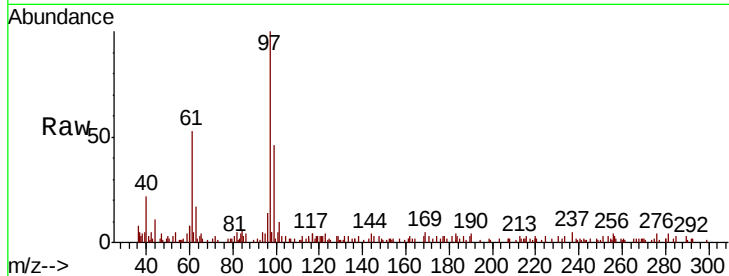
#29
1,1,1-Trichloroethane
Concen: 0.279 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR025927.D
Acq: 2 Oct 2018 14:44

Instrument :
MSVOA_R
ClientSampleId :
GACB3

Tot Ion:	97	Resp:	11812
Ion Ratio	Lower	Upper	
97	100		
99	58.8	51.0	76.6
61	59.4	41.6	62.4

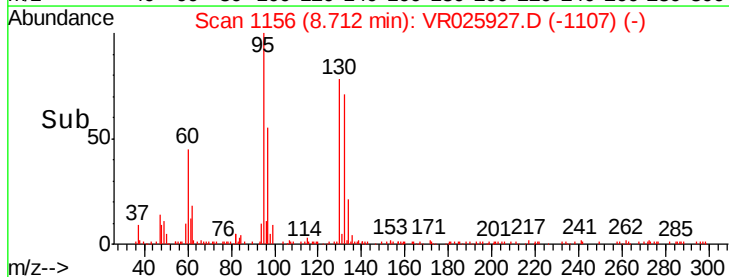
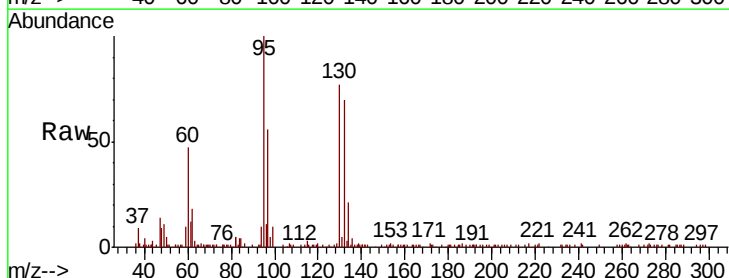
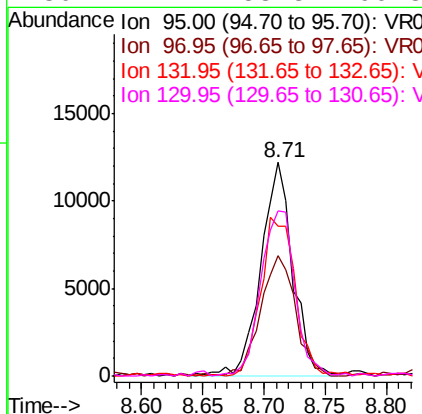
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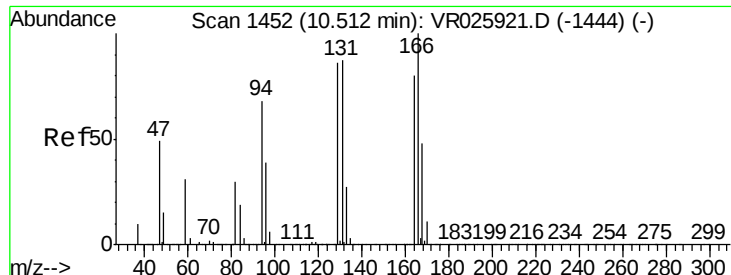
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#34
Trichloroethene
Concen: 0.662 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR025927.D
Acq: 2 Oct 2018 14:44

Tgt Ion:	95	Resp:	22072
Ion Ratio	Lower	Upper	
95	100		
97	56.3	43.9	81.5
132	70.2	53.3	98.9
130	77.2	53.8	99.8





#47
Tetrachloroethene
Concen: 262.445 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR025927.D
Acq: 2 Oct 2018 14:44

Instrument :
MSVOA_R
ClientSampleId :
GACB3

Tot Ion	Ratio	Lower	Upper
164	100		
129	90.6	80.8	150.2
131	88.8	74.5	138.3
166	117.2	92.5	171.7

Manual Integrations
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