

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025929.D
 Acq On : 2 Oct 2018 15:51
 Operator : SY/MD
 Sample : J5160-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 GACB4

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 2:46:35 PM

Quant Time: Oct 03 04:09:58 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	422095	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	357509	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	138669	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	2.63	69	138836	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	3.63	63	259511	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	6.59	46	232270	62.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.18%
24) Chloroform-d	7.20	84	272801	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.90	65	129275	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	7.85	84	525008	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	8.90	67	156320	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	9.97	98	460733	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	10.24	79	32902	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	10.59	63	168025	60.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66077	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	93618	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	19378m	0.755	ug/L
9) Trichlorofluoromethane	2.93	101	15486m	0.307	ug/L
19) 1,1-Dichloroethane	5.69	63	174406	3.343	ug/L
22) cis-1,2-Dichloroethene	6.67	96	28639	1.080	ug/L #
29) 1,1,1-Trichloroethane	7.43	97	9176	0.228	ug/L #
34) Trichloroethene	8.71	95	46244	1.464	ug/L
47) Tetrachloroethene	10.51	164	57113	2.934	ug/L

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

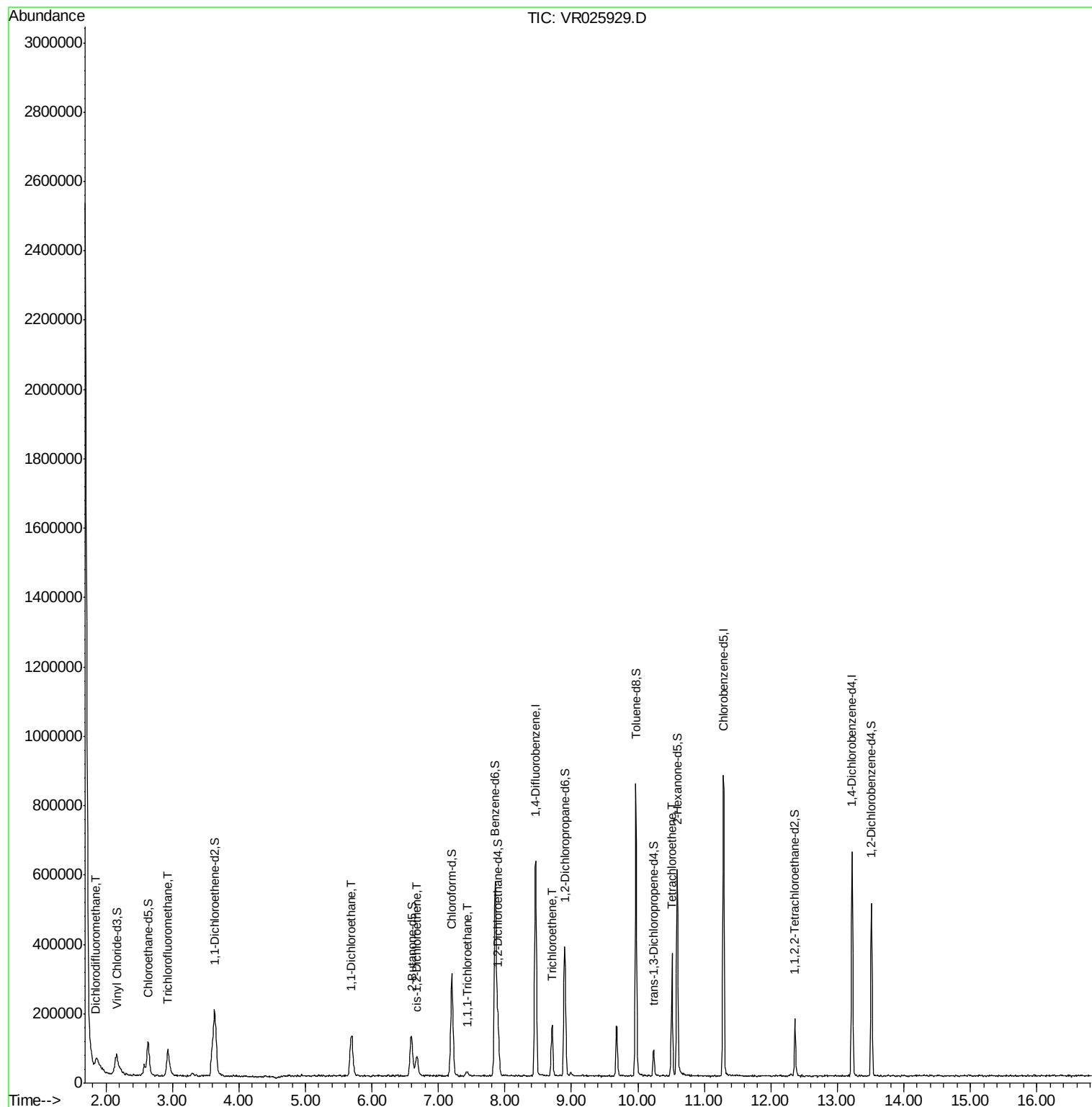
Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
Data File : VR025929.D
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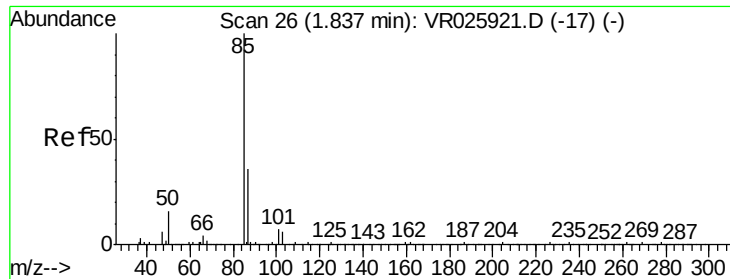
Instrument :
MSVOA_R
ClientSampleId :
GACB4

Manual Integrations
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Quant Time: Oct 03 04:09:58 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





#2

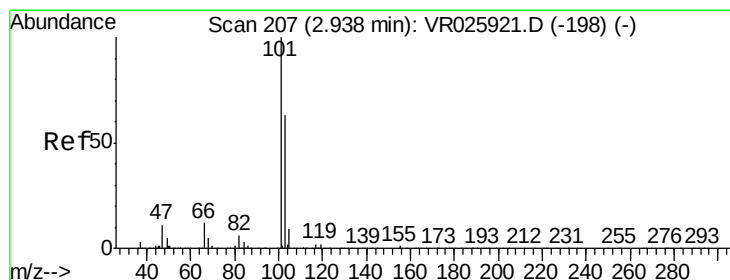
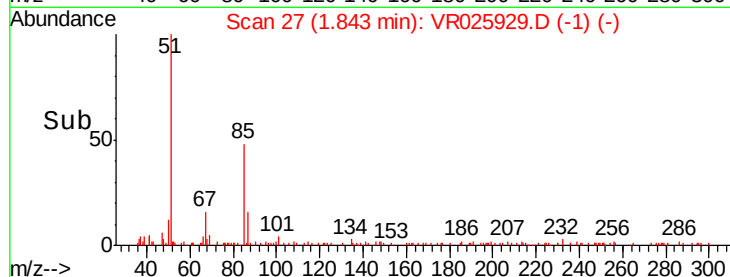
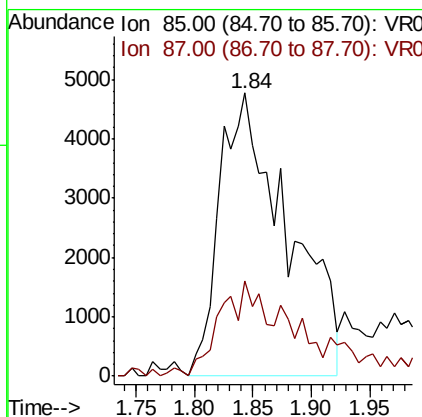
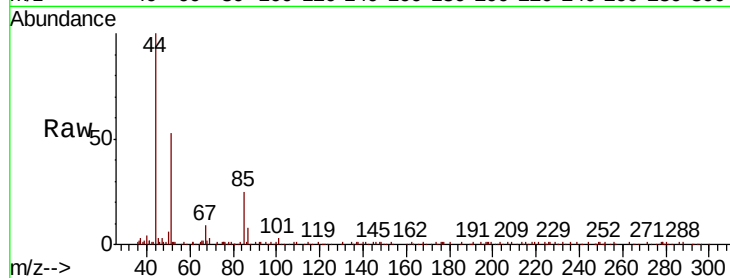
Dichlorodifluoromethane
Concen: 0.755 ug/L m
RT: 1.84 min Scan# 27
Delta R.T. 0.01 min
Lab File: VR025929.D
Acq: 2 Oct 2018 15:51

Instrument :
MSVOA_R
ClientSampled :
GACB4

Tot Ion	85	87	Resp	Lower	Upper
19378	100	4.0		25.1	37.7#

Manual Integrations
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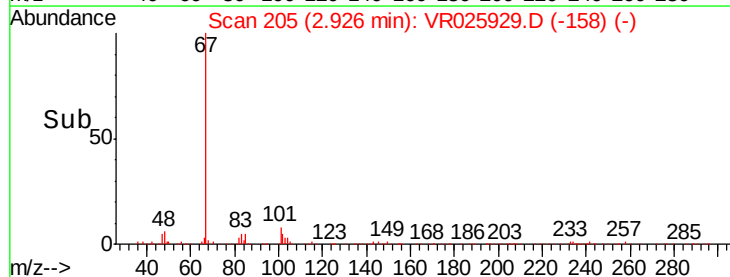
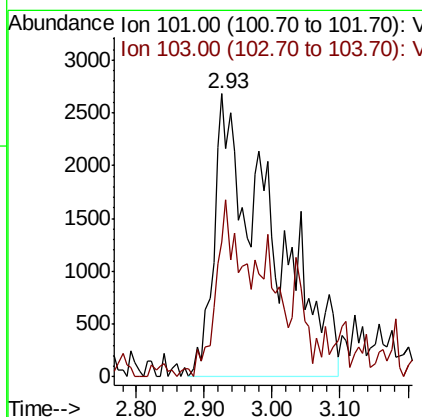
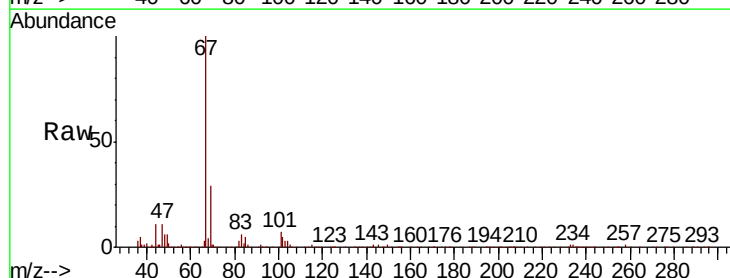
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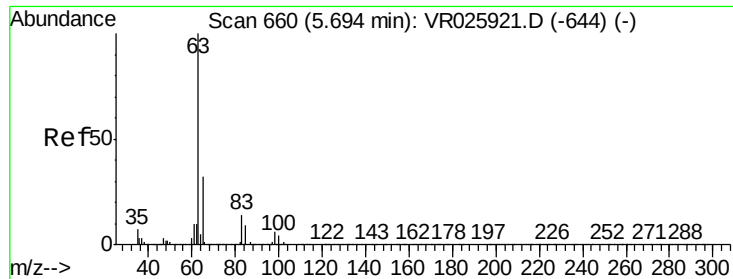


#9

Trichlorofluoromethane
Concen: 0.307 ug/L m
RT: 2.93 min Scan# 205
Delta R.T. -0.01 min
Lab File: VR025929.D
Acq: 2 Oct 2018 15:51

Tgt Ion	101	103	Resp	Lower	Upper
15486	100	29.0		22.1	33.1





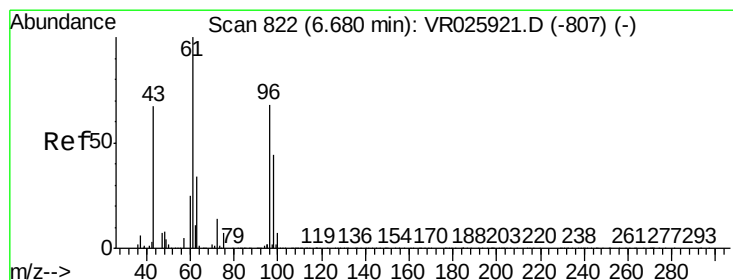
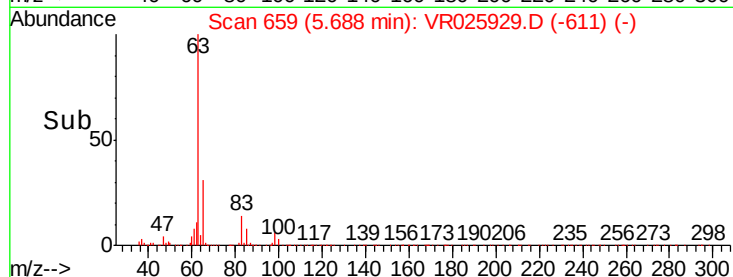
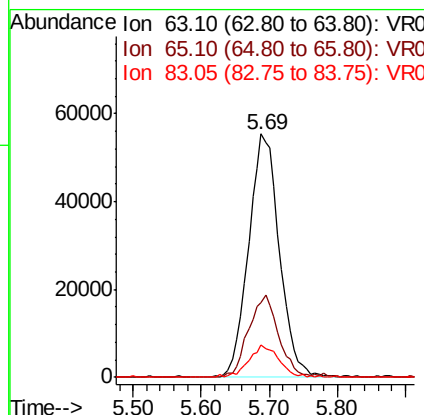
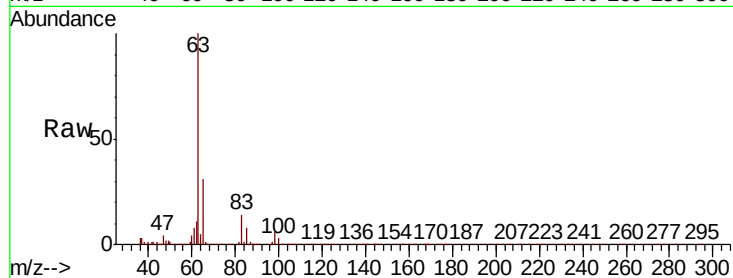
#19
 1,1-Dichloroethane
 Concen: 3.343 ug/L
 RT: 5.69 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: VR025929.D
 Acq: 2 Oct 2018 15:51

Instrument :
 MSVOA_R
 ClientSampled :
 GACB4

Tot Ion:	63	Resp:	174406
Ion Ratio		Lower	Upper
63	100		
65	30.6	21.1	39.1
83	13.5	8.9	16.5

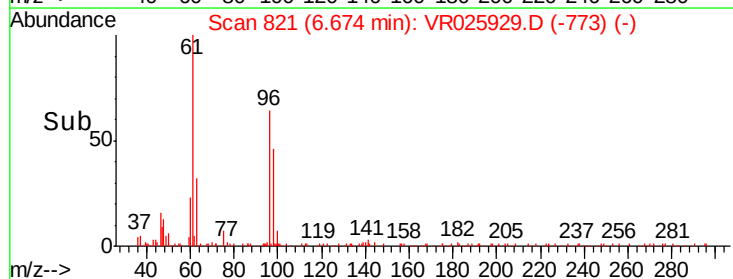
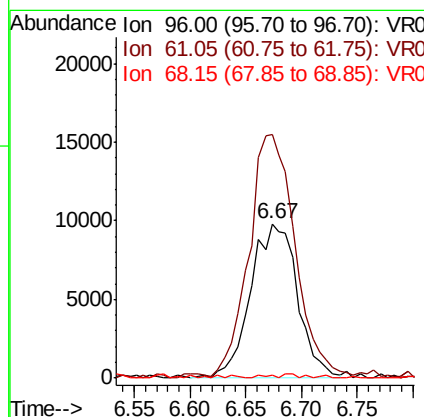
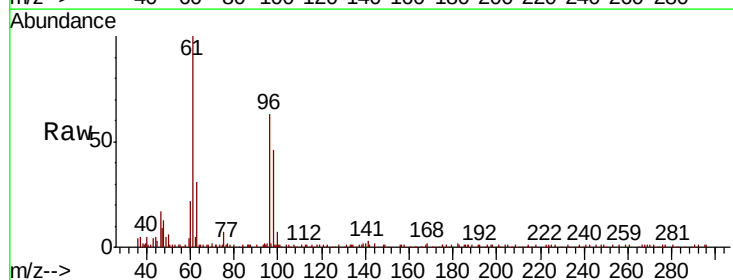
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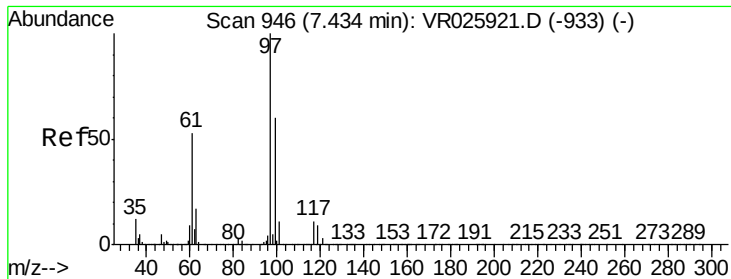
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#22
 cis-1,2-Dichloroethene
 Concen: 1.080 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: VR025929.D
 Acq: 2 Oct 2018 15:51

Tgt Ion:	96	Resp:	28639
Ion Ratio		Lower	Upper
96	100		
61	157.8	108.7	201.9
68	1.8	0.1	0.1#





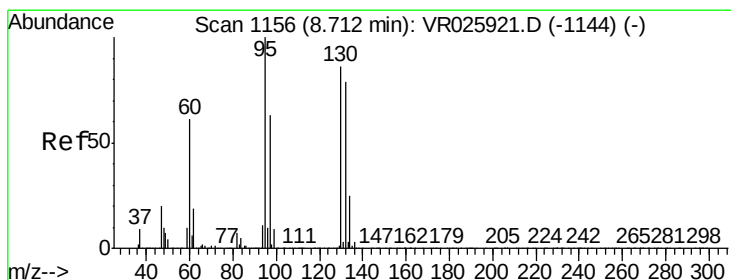
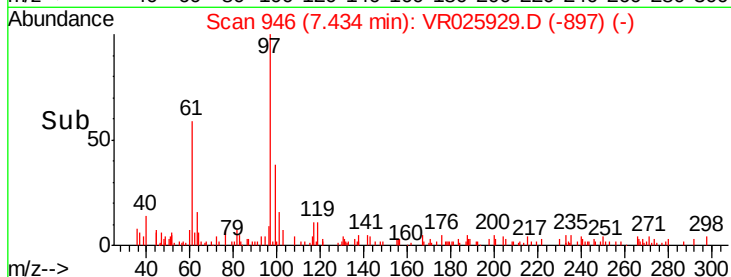
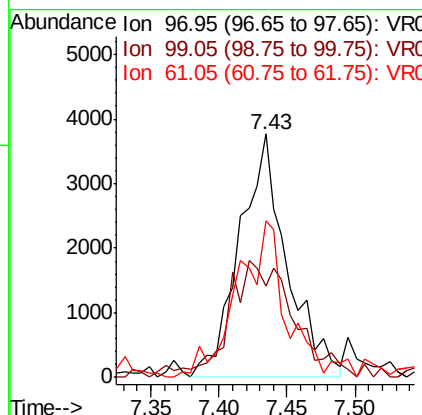
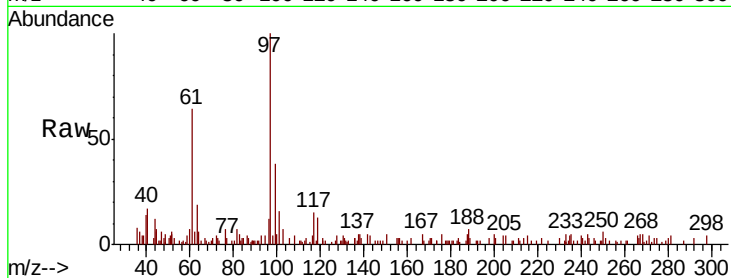
#29
1,1,1-Trichloroethane
Concen: 0.228 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR025929.D
Acq: 2 Oct 2018 15:51

Instrument :
MSVOA_R
ClientSampled :
GACB4

Tot Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.6
61	64.6	41.6	62.4

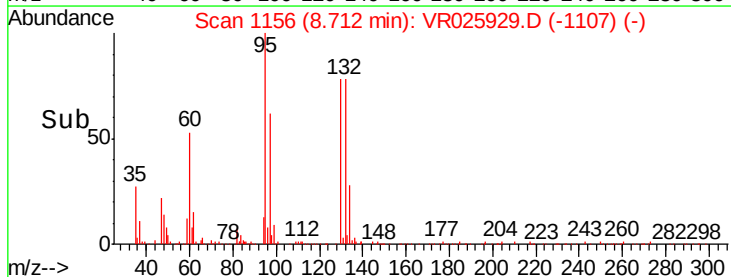
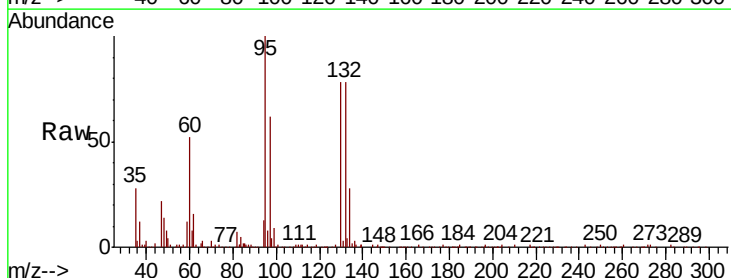
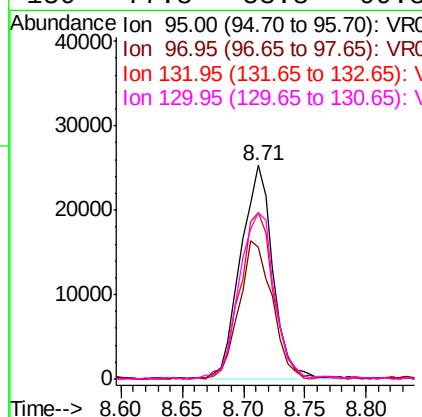
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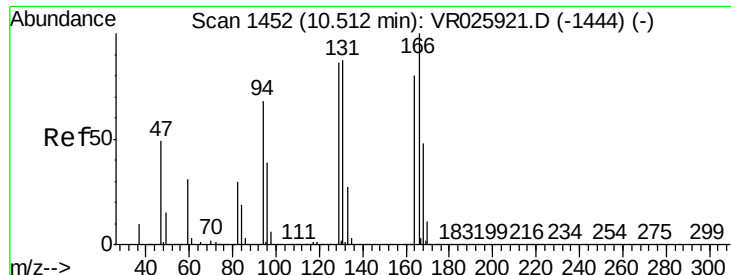
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#34
Trichloroethene
Concen: 1.464 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR025929.D
Acq: 2 Oct 2018 15:51

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.8	43.9	81.5
132	78.0	53.3	98.9
130	77.8	53.8	99.8





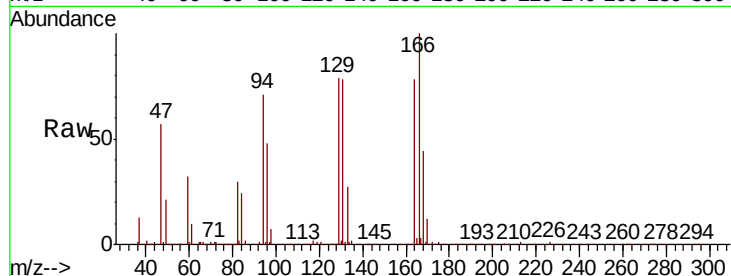
#47
Tetrachloroethene
Concen: 2.934 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR025929.D
Acq: 2 Oct 2018 15:51

Instrument :
MSVOA_R
ClientSampleId :
GACB4

Tot Ion:	164	Resp:	57113
Ion Ratio	Lower	Upper	
164	100		
129	101.1	80.8	150.2
131	100.6	74.5	138.3
166	128.5	92.5	171.7

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Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

60000

40000

20000

0

10.45 10.50 10.55

Time-->

