

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040619\
 Data File : VR026481.D
 Acq On : 6 Apr 2019 18:43
 Operator : SY/MD
 Sample : K2248-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC9

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:15:27 AM

Quant Time: Apr 08 09:26:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 23:34:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511540	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	423635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	130941	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	147669	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	2.63	69	141362	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	3.61	63	336790	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	6.59	46	178131	51.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	7.20	84	321714	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	7.89	65	140408	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	7.85	84	576933	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	8.89	67	161641	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	9.97	98	497066	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	10.23	79	30007	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	10.59	63	136656	54.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63538	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	110553	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.62	96	52527m	1.158	ug/L
19) 1,1-Dichloroethane	5.69	63	634701	7.980	ug/L
22) cis-1,2-Dichloroethene	6.67	96	112792	3.168	ug/L #
27) 1,2-Dichloroethane	7.99	62	21148	0.557	ug/L #
29) 1,1,1-Trichloroethane	7.43	97	304666	4.357	ug/L
34) Trichloroethene	8.71	95	94102	2.122	ug/L
47) Tetrachloroethene	10.51	164	70108	2.221	ug/L

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

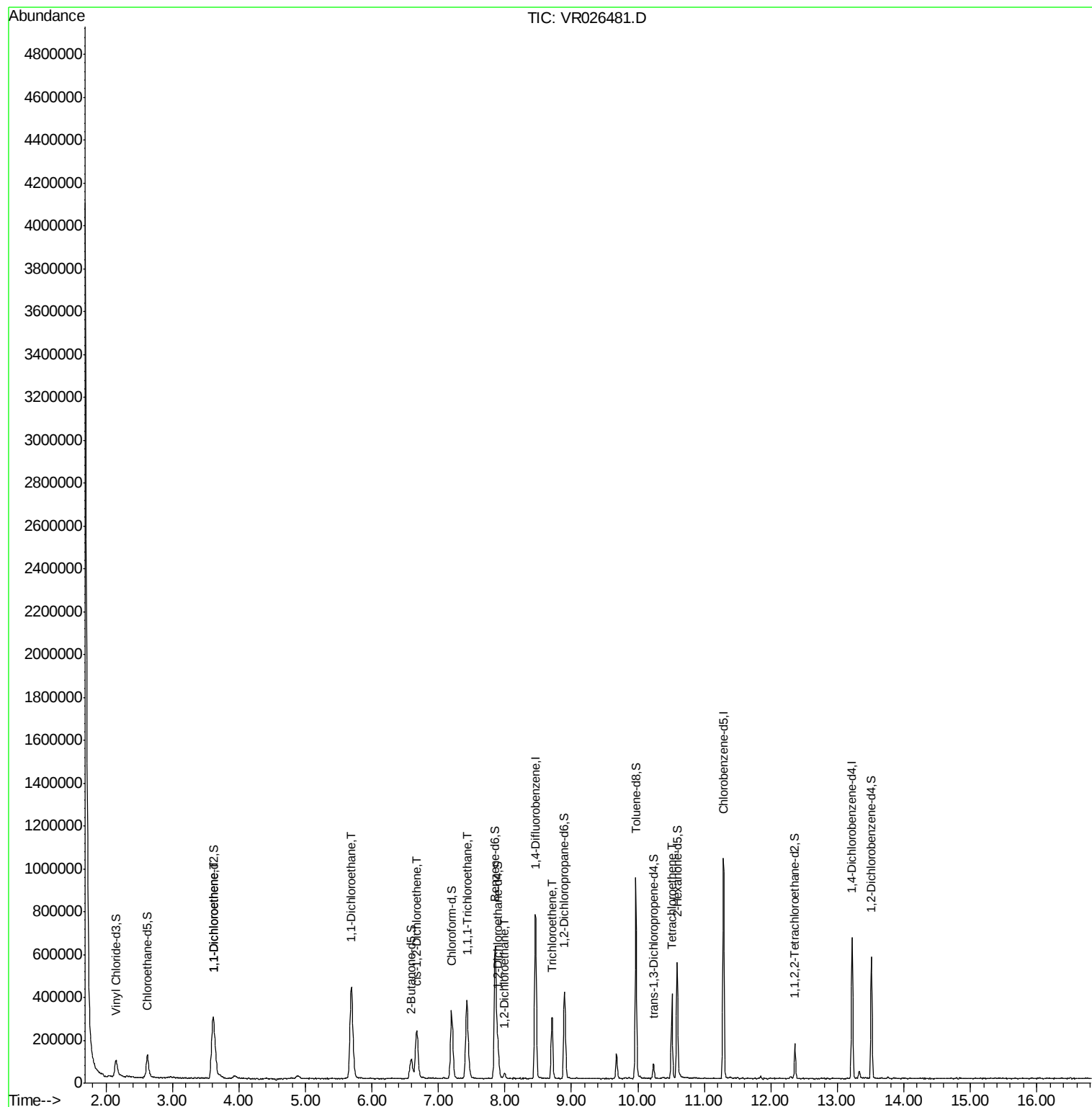
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR040619\
Data File : VR026481.D
Acq On : 6 Apr 2019 18:43
Operator : SY/MD
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Misc : 25mL/MSVOA R/WATER
ALS Vial : 11 Sample Multiplier: 1

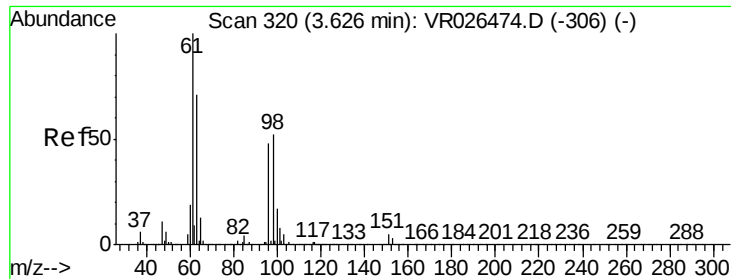
Instrument :
MSVOA_R
ClientSampleId :
E3YC9

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 23:34:06 2019
Response via : Initial Calibration





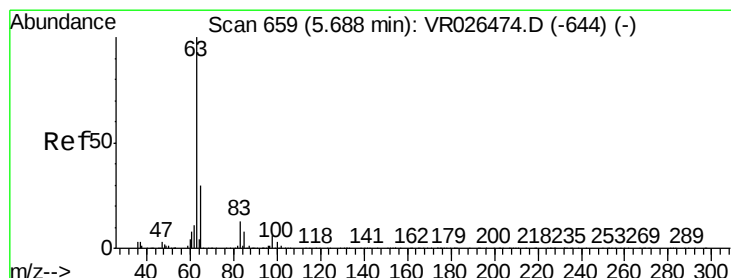
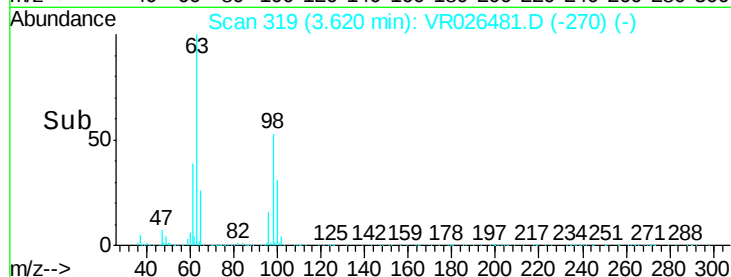
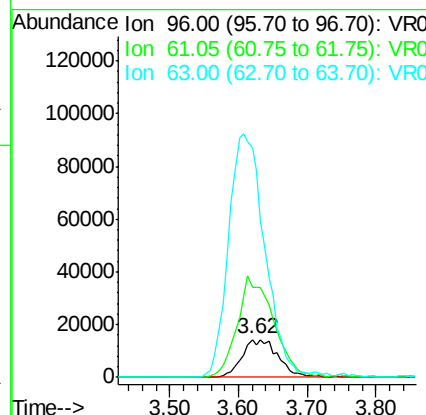
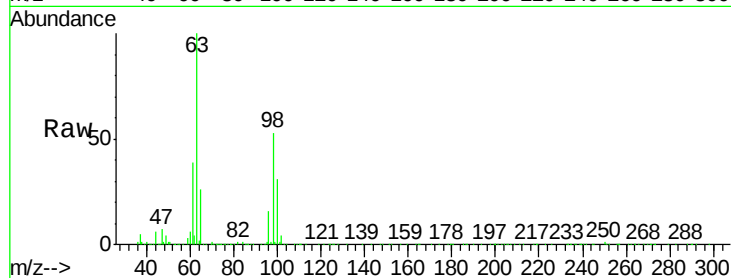
#12
 1,1-Dichloroethene
 Concen: 1.158 ug/L m
 RT: 3.62 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VR026481.D
 Acq: 6 Apr 2019 18:43

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC9

Tot Ion	Ratio	Lower	Upper
96	100		
61	236.7	142.7	264.9
63	608.1	116.9	217.1#

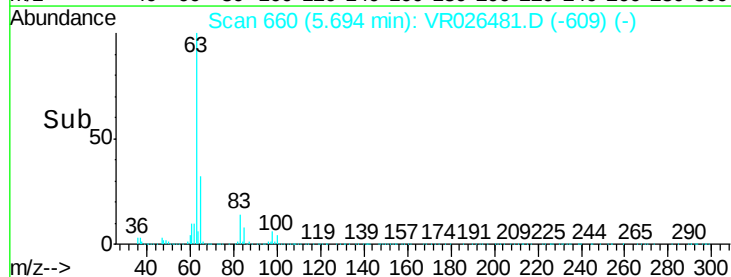
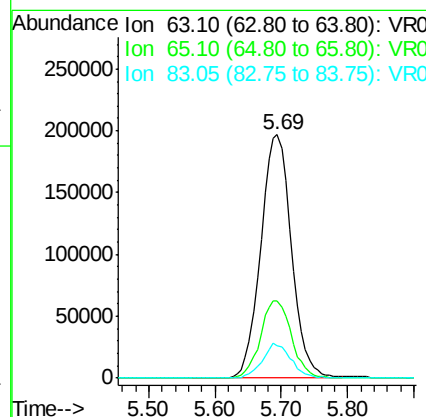
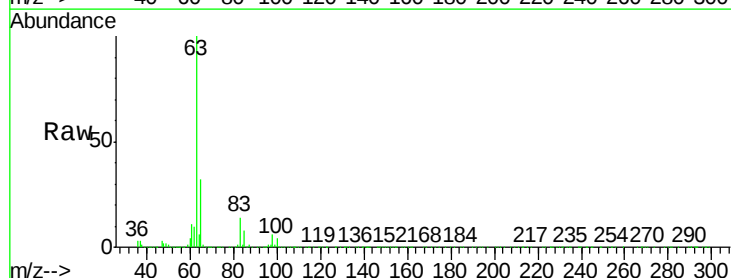
Manual Integrations
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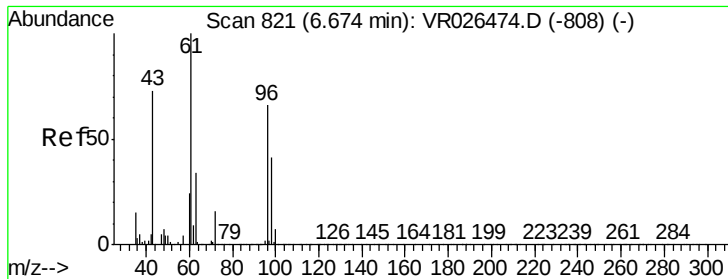
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#19
 1,1-Dichloroethane
 Concen: 7.980 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VR026481.D
 Acq: 6 Apr 2019 18:43

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.0	40.8
83	13.5	8.2	15.2





#22

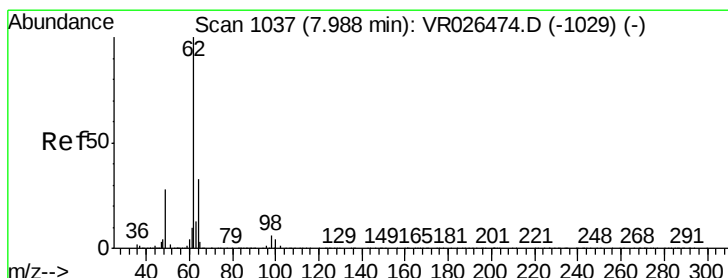
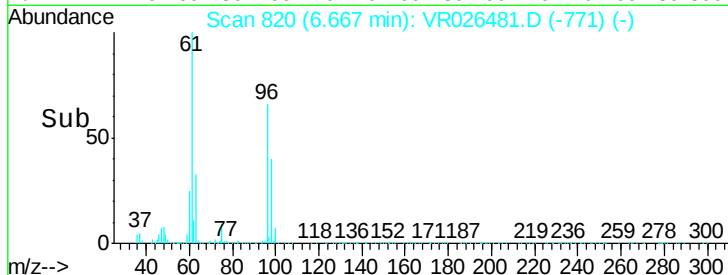
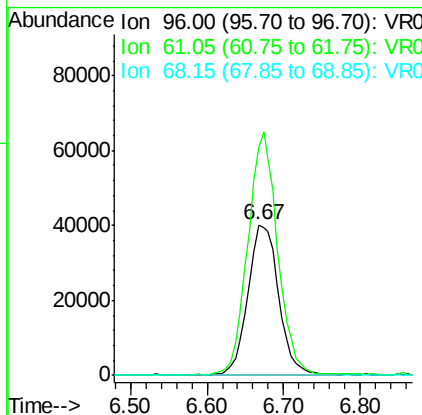
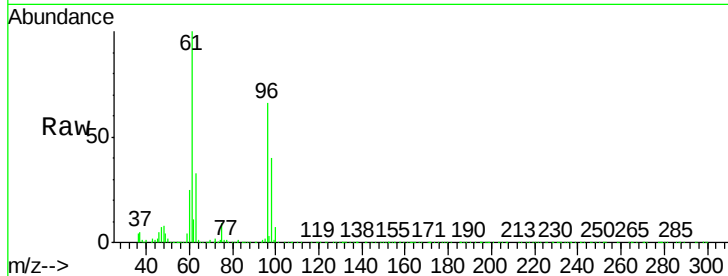
cis-1,2-Dichloroethene
Concen: 3.168 ug/L
RT: 6.67 min Scan# 820
Delta R.T. -0.00 min
Lab File: VR026481.D
Acq: 6 Apr 2019 18:43

Instrument :
MSVOA_R
ClientSampleId :
E3YC9

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.2	115.0	213.6
68	0.2	0.0	0.0#

Manual Integrations
APPROVED

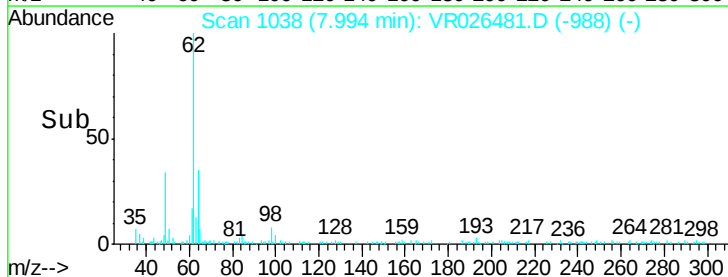
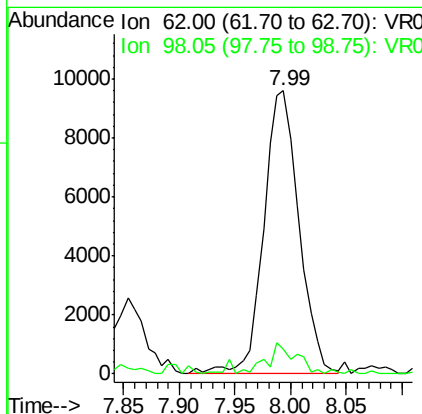
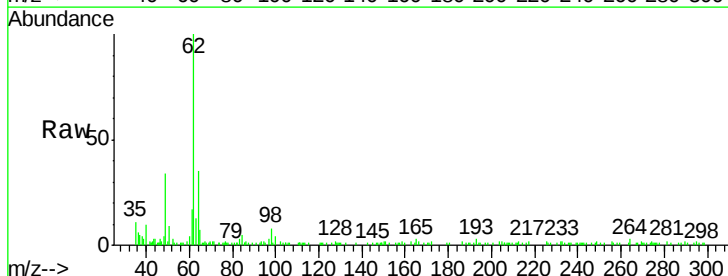
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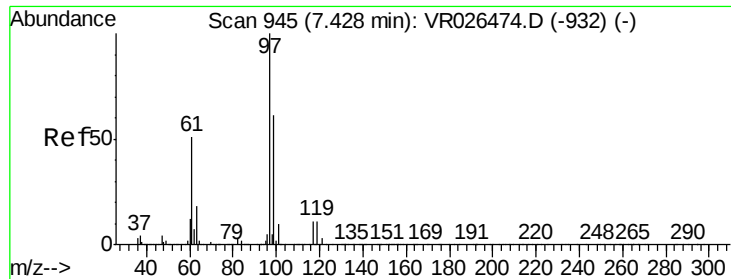


#27

1,2-Dichloroethane
Concen: 0.557 ug/L
RT: 7.99 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VR026481.D
Acq: 6 Apr 2019 18:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	4.8	7.2#





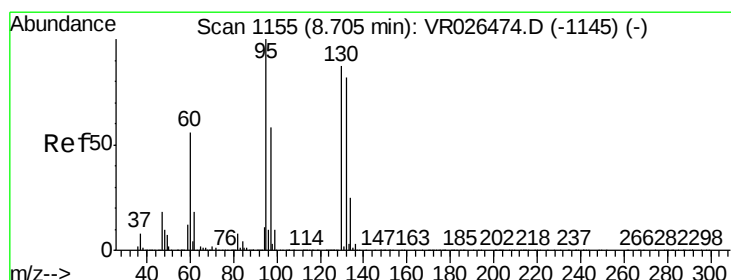
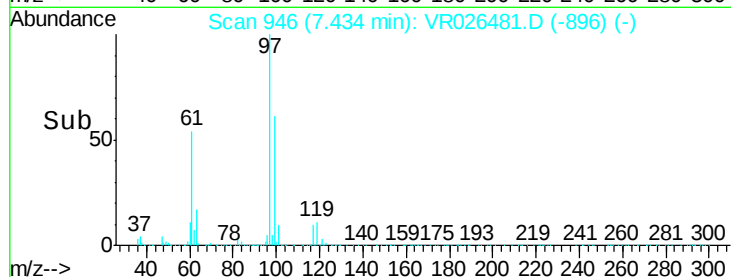
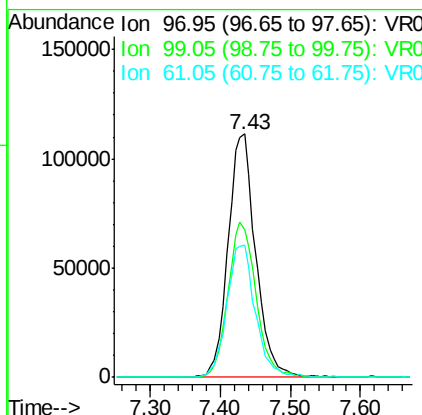
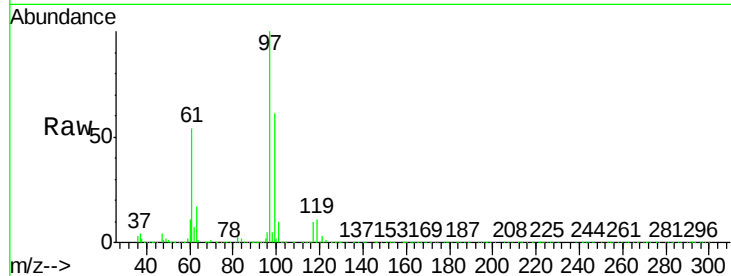
#29
1,1,1-Trichloroethane
Concen: 4.357 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.01 min
Lab File: VR026481.D
Acq: 6 Apr 2019 18:43

Instrument :
MSVOA_R
ClientSampled :
E3YC9

Tot Ion:	97	Resp:	304666
Ion	Ratio	Lower	Upper
97	100		
99	64.9	49.6	74.4
61	56.2	41.8	62.6

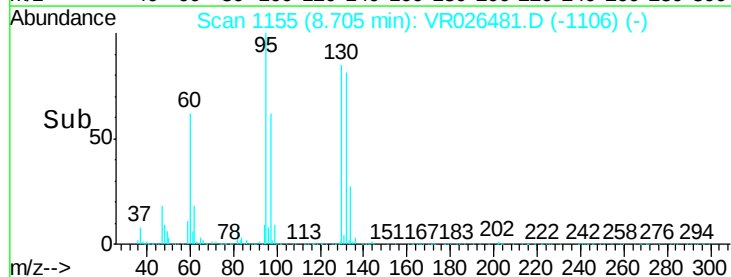
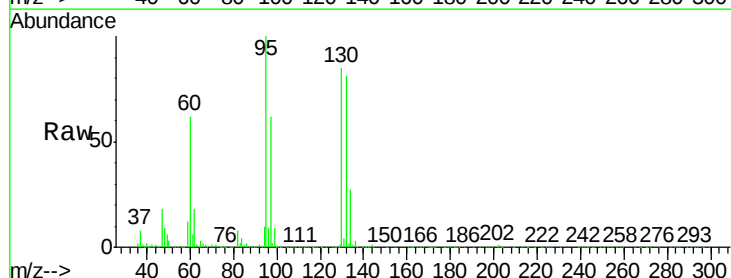
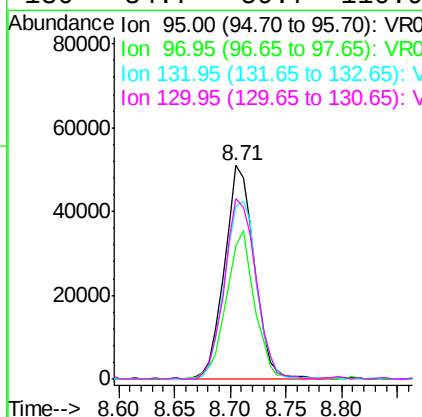
Manual Integrations
APPROVED

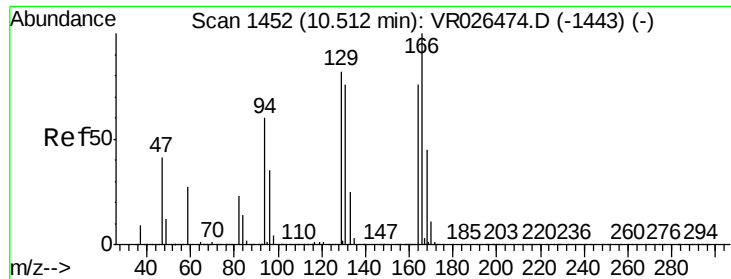
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4/8/2019 9:15:27 AM



#34
Trichloroethene
Concen: 2.122 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. -0.00 min
Lab File: VR026481.D
Acq: 6 Apr 2019 18:43

Tgt Ion:	95	Resp:	94102
Ion	Ratio	Lower	Upper
95	100		
97	62.3	43.8	81.3
132	80.8	57.2	106.2
130	84.7	59.7	110.9





#47

Tetrachloroethene

Concen: 2.221 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026481.D

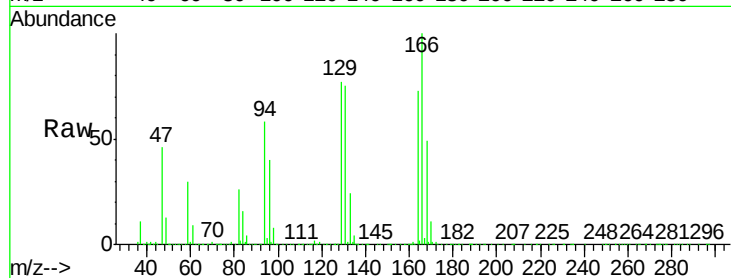
Acq: 6 Apr 2019 18:43

Instrument :

MSVOA_R

ClientSampleId :

E3YC9



Tot Ion:164 Resp: 70108

Ion Ratio Lower Upper

164 100

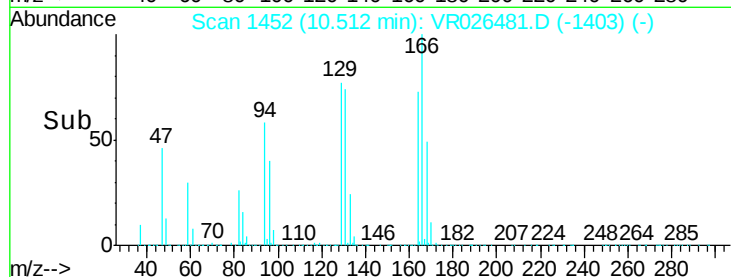
129 104.9 74.1 137.5

131 102.0 71.3 132.5

166 136.9 90.9 168.9

Manual Integrations
APPROVED

MMDadoda
4/8/2019 9:15:27 AM



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

