

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022819\
 Data File : VR026427.D
 Acq On : 28 Feb 2019 19:35
 Operator : SY/MD
 Sample : K1588-14DL 5X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AB2DL

Manual Integrations
 APPROVED

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 3/1/2019 4:33:57 PM

Quant Time: Mar 01 07:23:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 06:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	455614	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	380250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	113082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	184792	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	2.62	69	162228	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	3.60	63	358322	3.43	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	6.59	46	189064	58.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.24%
24) Chloroform-d	7.20	84	342056	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.89	65	148015	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	7.85	84	605767	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	8.90	67	170460	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	9.97	98	543643	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	10.23	79	39010	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	10.59	63	146413	60.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61827	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	104453	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	3.61	96	10068	0.253 ug/L #	1
18) trans-1,2-Dichloroethene	4.89	96	27562	0.759 ug/L	95
19) 1,1-Dichloroethane	5.70	63	11073m	0.166 ug/L	
22) cis-1,2-Dichloroethene	6.67	96	47160	1.547 ug/L #	94
34) Trichloroethene	8.71	95	281754	7.665 ug/L	98
42) Toluene	10.04	91	43304	0.295 ug/L	99

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

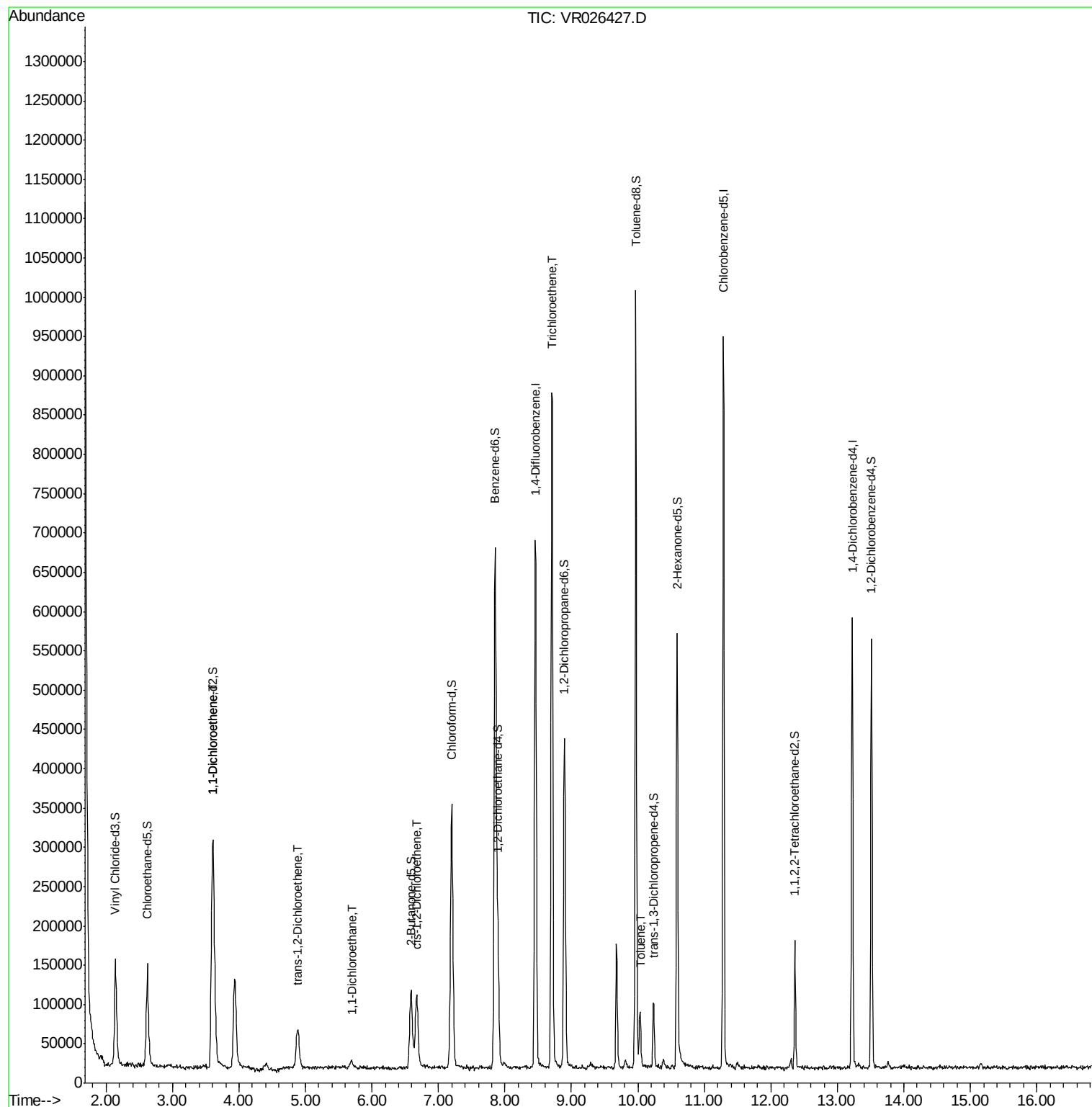
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR022819\
Data File : VR026427.D
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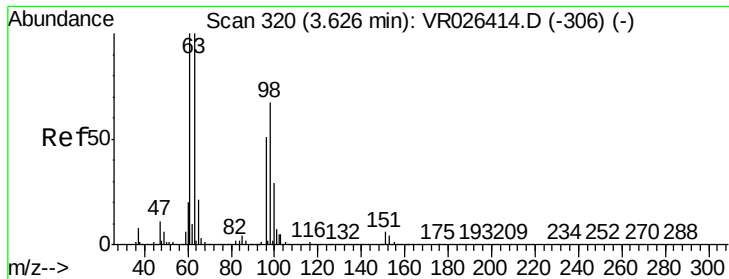
Instrument :
MSVOA_R
ClientSampled :
C0AB2DL

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Quant Time: Mar 01 07:23:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.253 ug/L

RT: 3.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VR026427.D

Acq: 28 Feb 2019 19:35

Instrument :

MSVOA_R

ClientSampleId :

C0AB2DL

Tgt Ion: 96 Resp: 10068

Ion Ratio Lower Upper

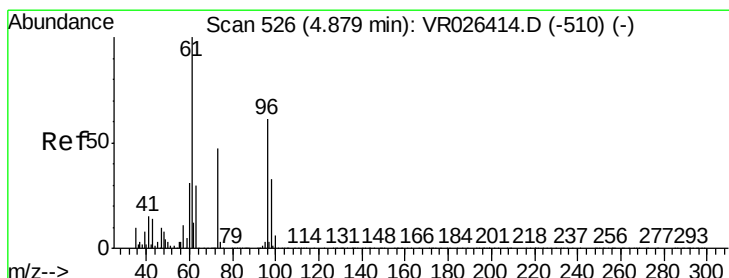
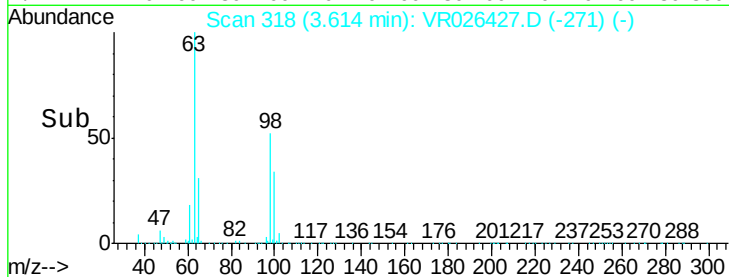
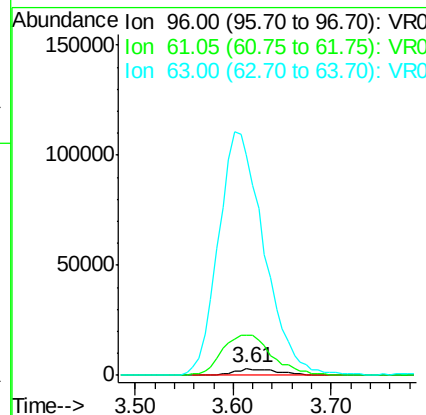
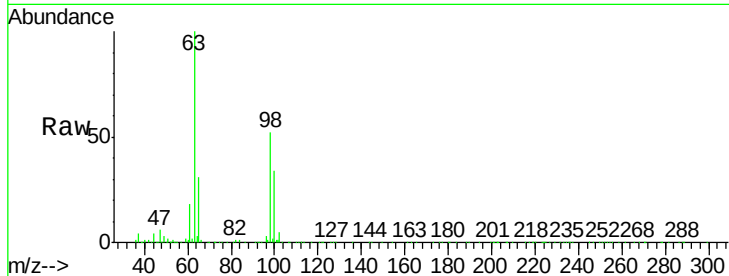
96 100

61 558.5 135.9 252.5#

63 3062.4 136.6 253.6

Manual Integrations
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#18

trans-1,2-Dichloroethene

Concen: 0.759 ug/L

RT: 4.89 min Scan# 527

Delta R.T. 0.01 min

Lab File: VR026427.D

Acq: 28 Feb 2019 19:35

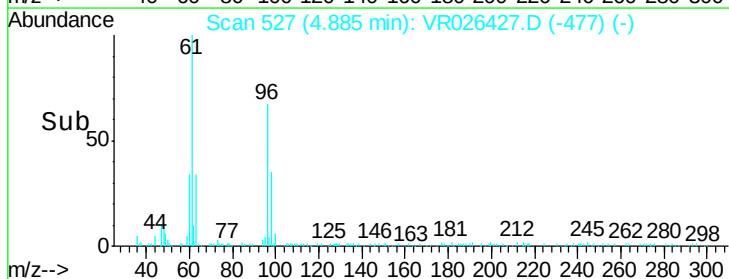
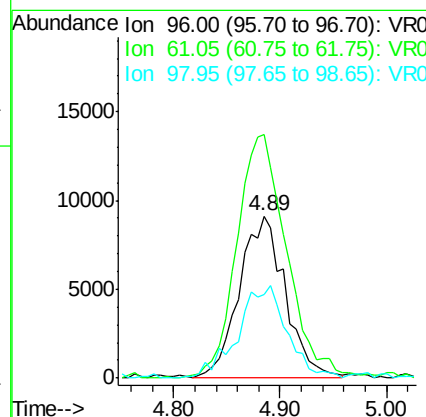
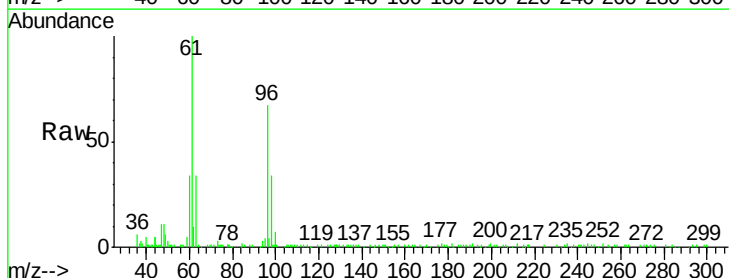
Tgt Ion: 96 Resp: 27562

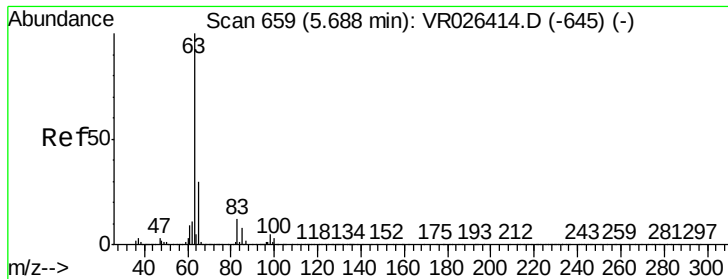
Ion Ratio Lower Upper

96 100

61 150.1 109.4 203.2

98 51.8 39.7 73.7





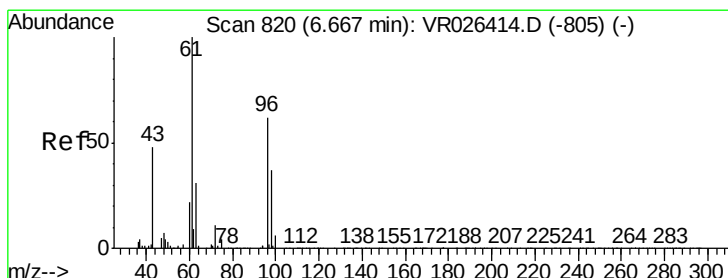
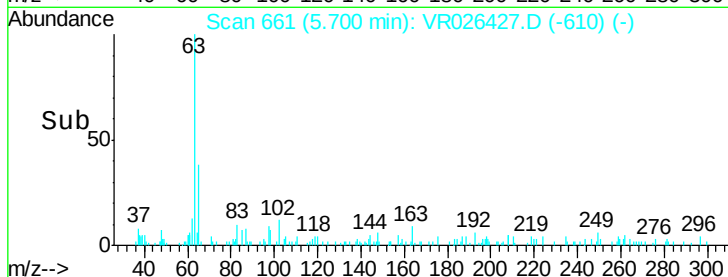
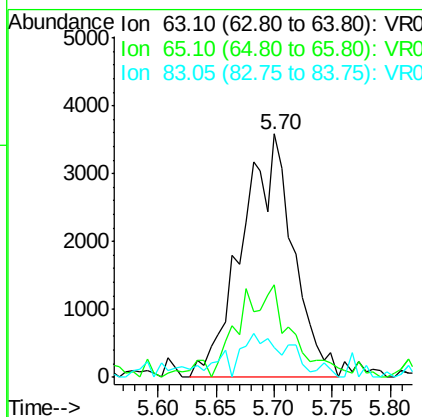
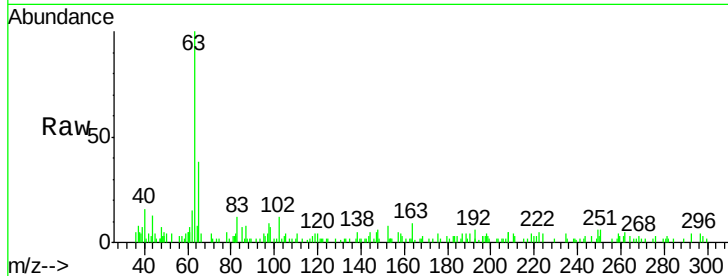
#19
1,1-Dichloroethane
Concen: 0.166 ug/L m
RT: 5.70 min Scan# 661
Delta R.T. 0.01 min
Lab File: VR026427.D
Acq: 28 Feb 2019 19:35

Instrument :
MSVOA_R
ClientSampleId :
C0AB2DL

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	11073		
65	38.2	23.6	43.8	
83	12.2	8.8	16.4	

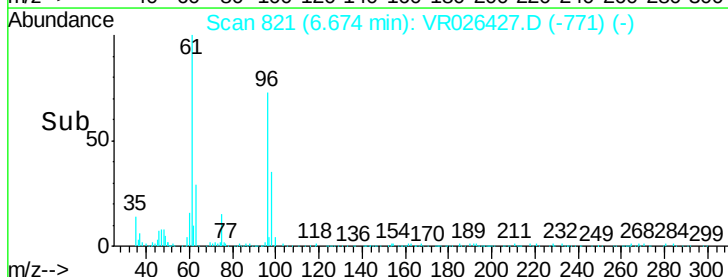
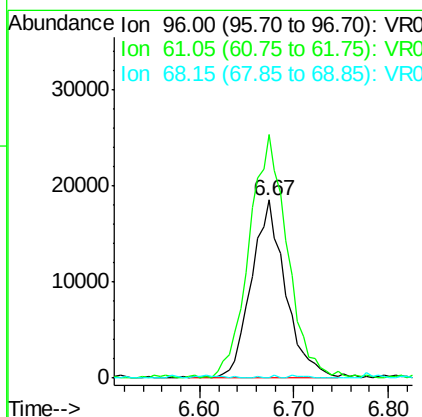
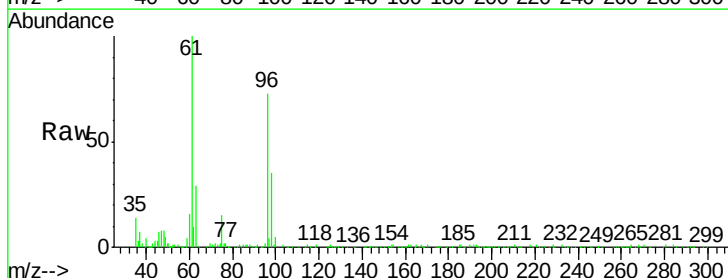
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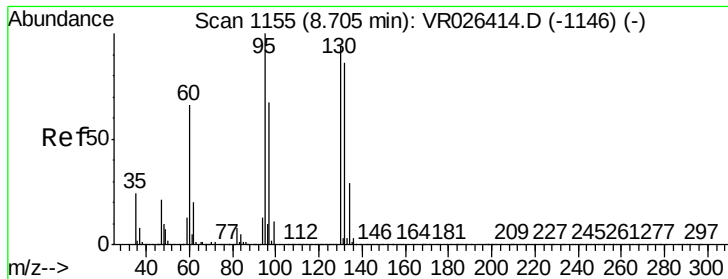
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#22
cis-1,2-Dichloroethene
Concen: 1.547 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.01 min
Lab File: VR026427.D
Acq: 28 Feb 2019 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	47160		
61	136.7	100.8	187.2	
68	0.0	0.1	0.1#	





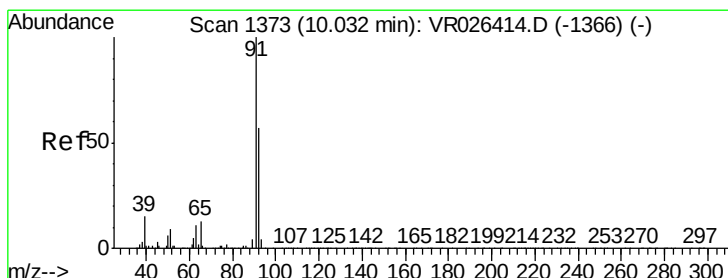
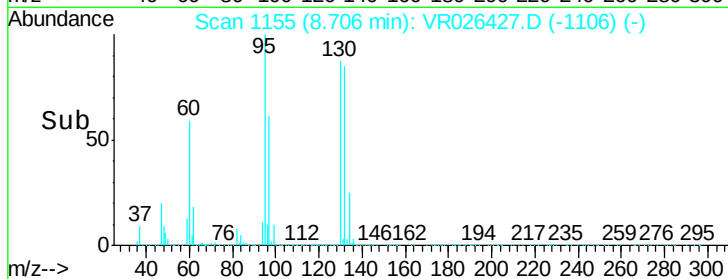
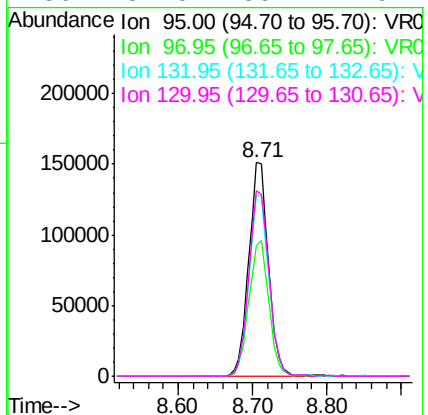
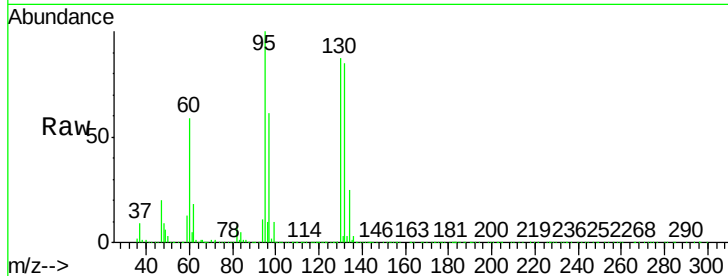
#34
 Trichloroethene
 Concen: 7.665 ug/L
 RT: 8.71 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VR026427.D
 Acq: 28 Feb 2019 19:35

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AB2DL

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	281754		
97	61.0	43.5	80.7	
132	84.5	58.6	108.8	
130	87.0	59.4	110.2	

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#42
 Toluene
 Concen: 0.295 ug/L
 RT: 10.04 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: VR026427.D
 Acq: 28 Feb 2019 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	43304		
92	55.8	39.6	73.6	

