

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040619\
 Data File : VR026480.D
 Acq On : 6 Apr 2019 18:12
 Operator : SY/MD
 Sample : K2248-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC8

Quant Time: Apr 08 09:25:56 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	543658	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	449972	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	134433	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	153818	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	2.63	69	143740	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	3.60	63	346939	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	6.59	46	178177	48.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	7.20	84	332878	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	7.89	65	145098	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	7.85	84	602570	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	8.89	67	168504	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	9.97	98	511990	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	10.23	79	31995	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	10.59	63	143233	54.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63195	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	109482	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

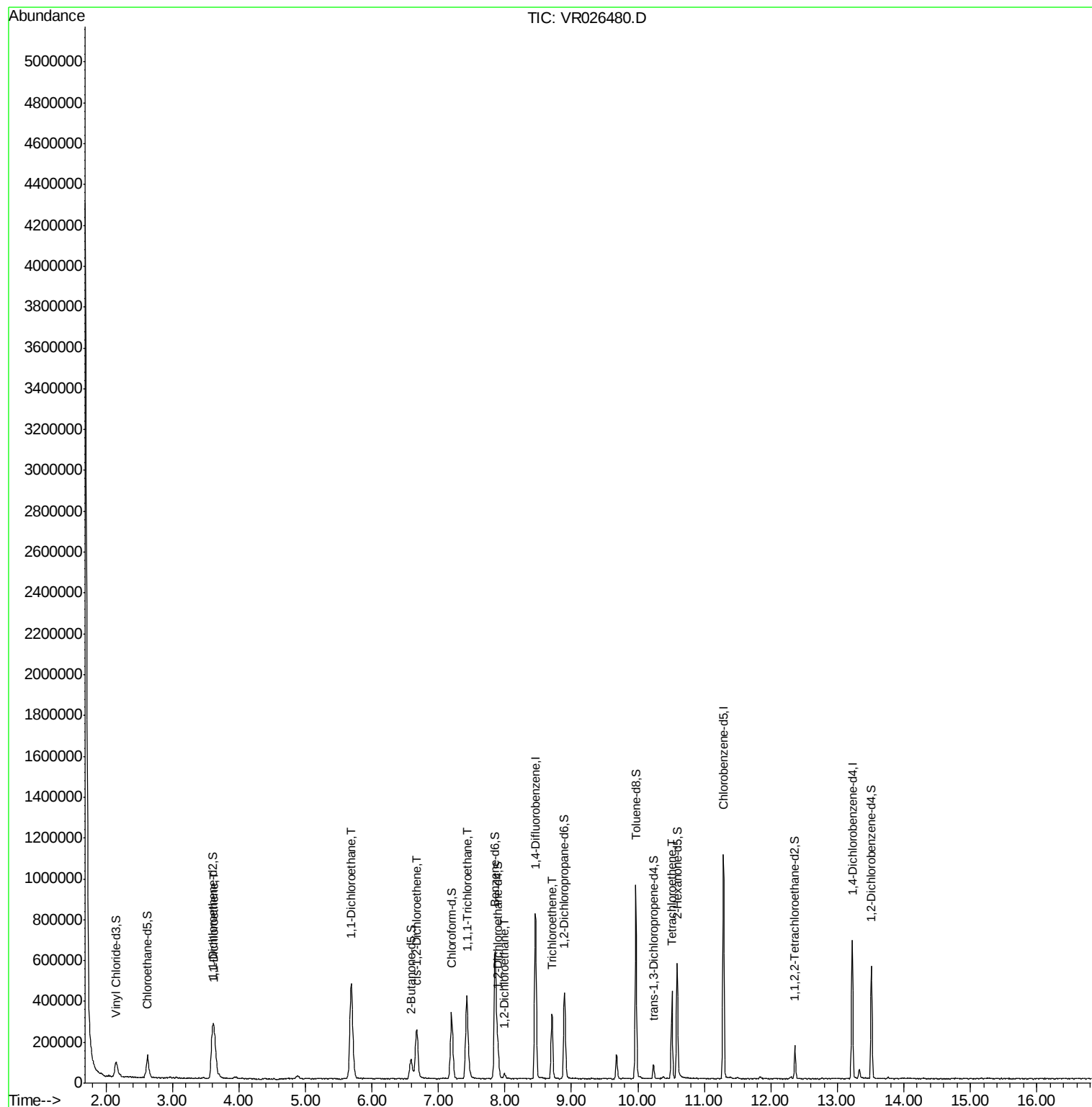
					Ovalue
12) 1,1-Dichloroethene	3.63	96	56567	1.173 ug/L #	1
19) 1,1-Dichloroethane	5.69	63	702775	8.314 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	126344	3.339 ug/L #	88
27) 1,2-Dichloroethane	7.99	62	21952	0.544 ug/L #	76
29) 1,1,1-Trichloroethane	7.43	97	333270	4.487 ug/L	96
34) Trichloroethene	8.71	95	103067	2.188 ug/L	98
47) Tetrachloroethene	10.51	164	76835	2.292 ug/L	94

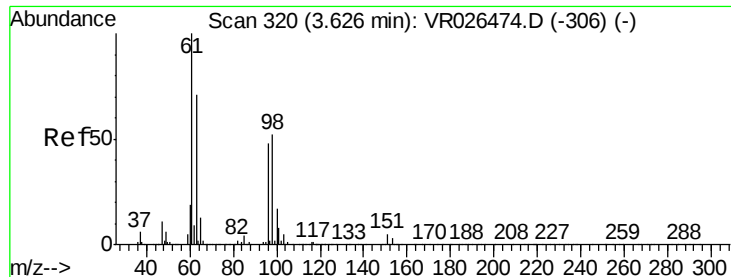
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.173 ug/L

RT: 3.63 min Scan# 321

Delta R.T. 0.01 min

Lab File: VR026480.D

Acq: 6 Apr 2019 18:12

Instrument :

MSVOA_R

ClientSampleId :

E3YC8

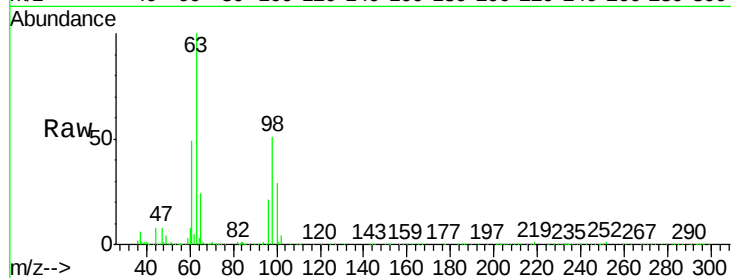
Tot Ion: 96 Resp: 56567

Ion Ratio Lower Upper

96 100

61 229.3 142.7 264.9

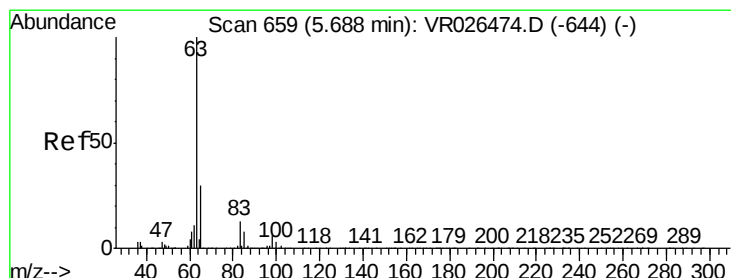
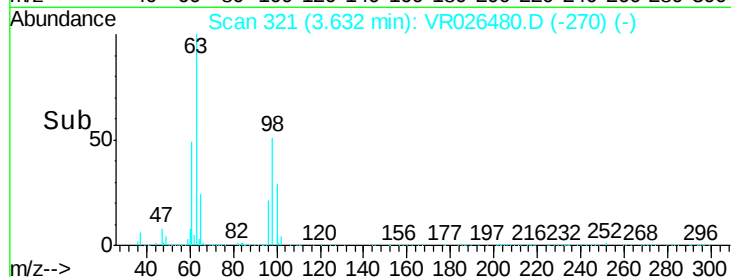
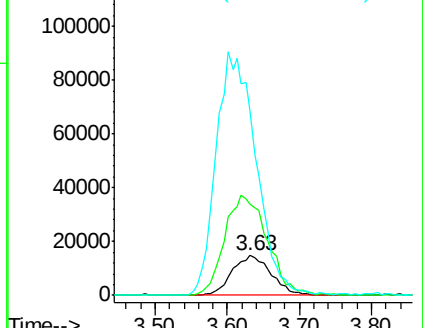
63 468.0 116.9 217.1#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#19

1,1-Dichloroethane

Concen: 8.314 ug/L

RT: 5.69 min Scan# 659

Delta R.T. 0.01 min

Lab File: VR026480.D

Acq: 6 Apr 2019 18:12

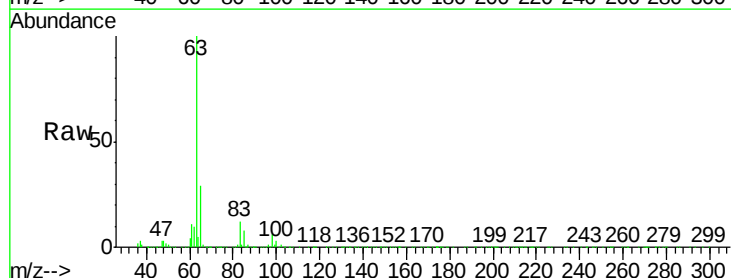
Tgt Ion: 63 Resp: 702775

Ion Ratio Lower Upper

63 100

65 29.5 22.0 40.8

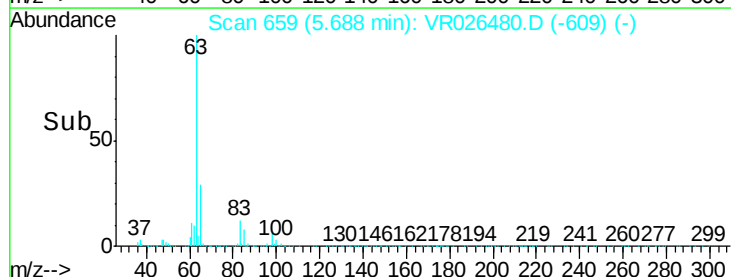
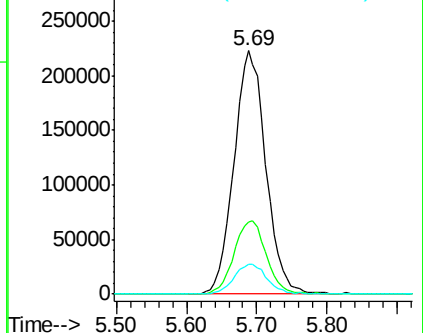
83 12.2 8.2 15.2

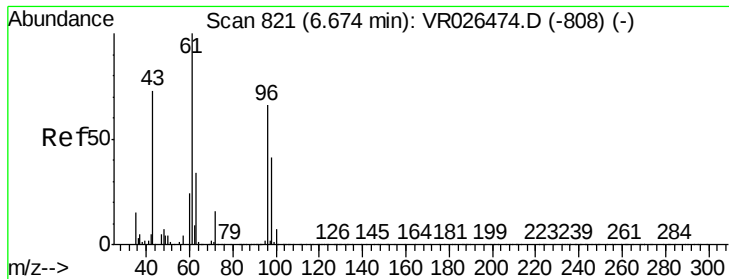


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



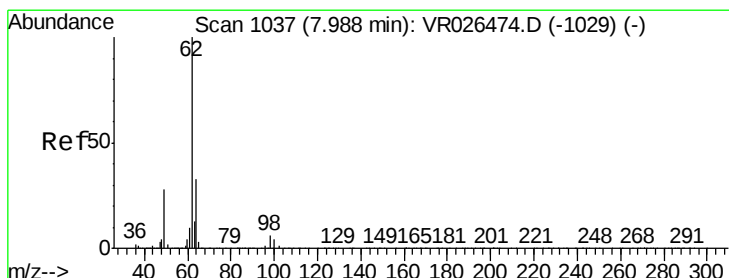
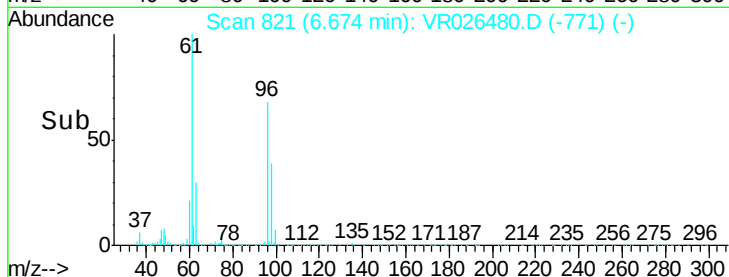
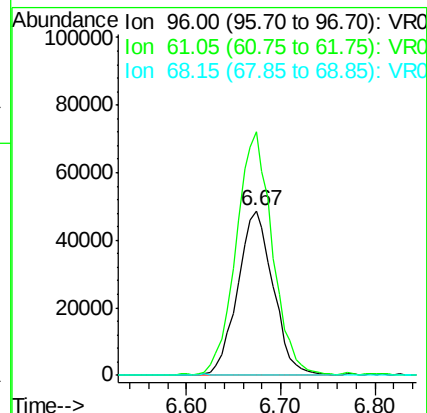
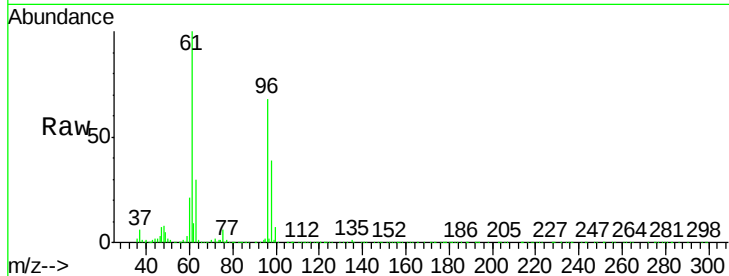


#22

cis-1,2-Dichloroethene
Concen: 3.339 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.01 min
Lab File: VR026480.D
Acq: 6 Apr 2019 18:12

Instrument :
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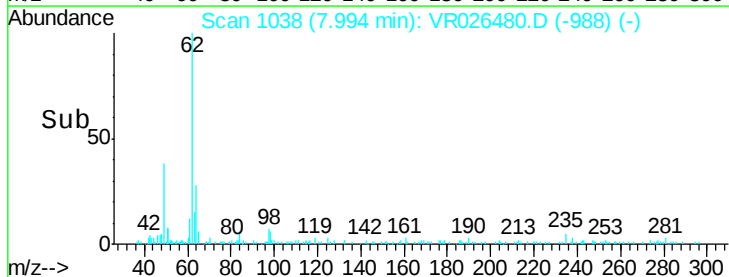
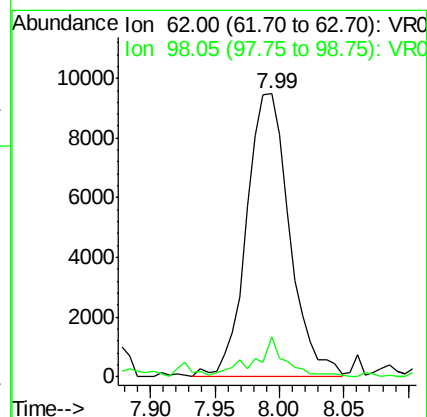
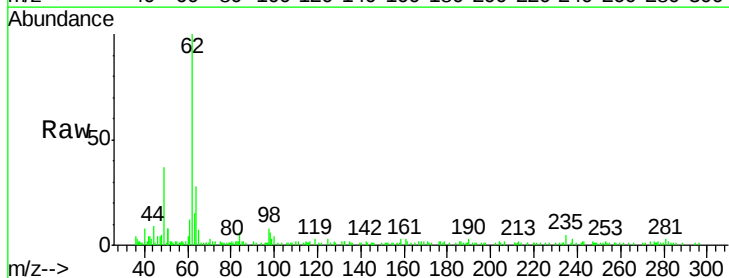
Tot Ion	96	Resp	126344
Ion	Ratio	Lower	Upper
96	100		
61	148.1	115.0	213.6
68	0.3	0.0	0.0#

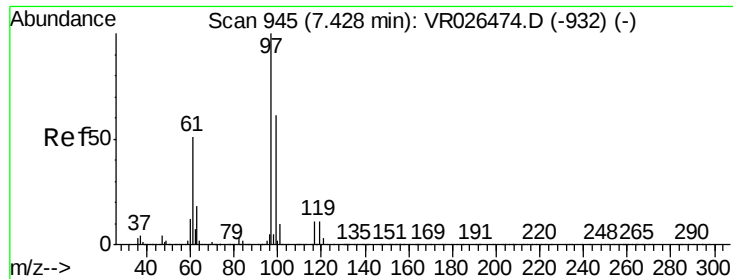


#27

1,2-Dichloroethane
Concen: 0.544 ug/L
RT: 7.99 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VR026480.D
Acq: 6 Apr 2019 18:12

Tgt Ion	62	Resp	21952
Ion	Ratio	Lower	Upper
62	100		
98	14.1	4.8	7.2#

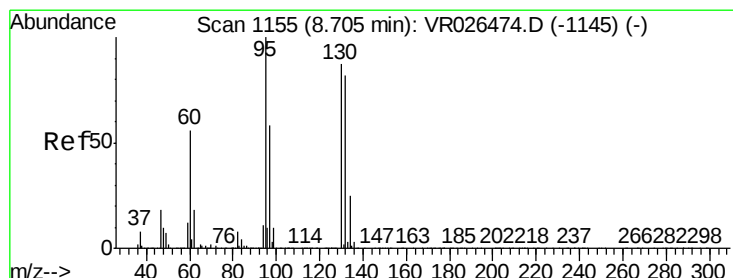
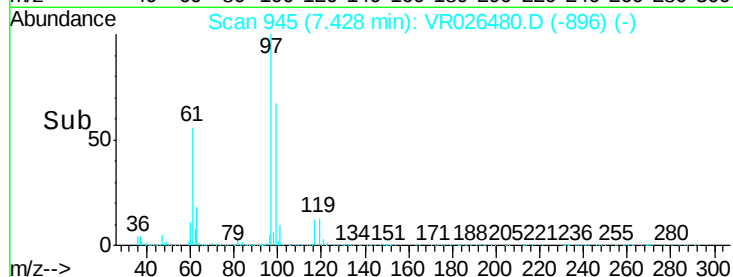
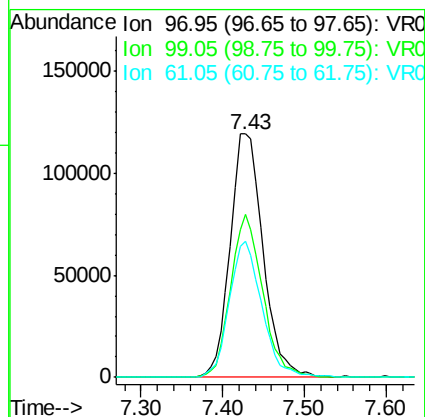
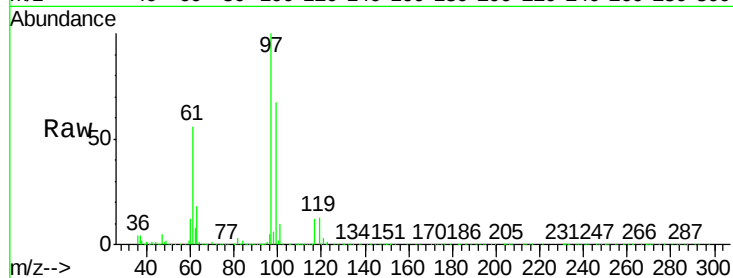




#29
1,1,1-Trichloroethane
Concen: 4.487 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.00 min
Lab File: VR026480.D
Acq: 6 Apr 2019 18:12

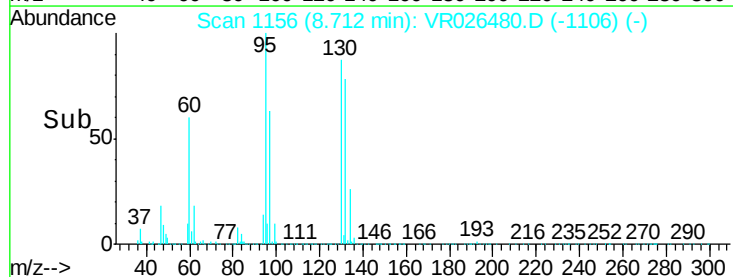
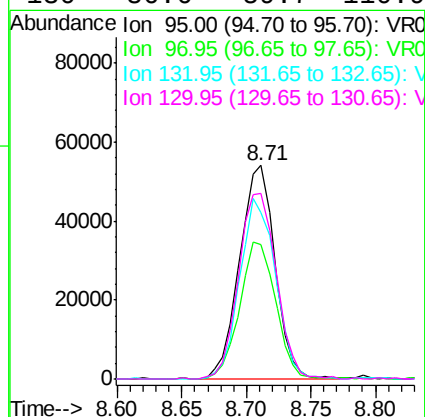
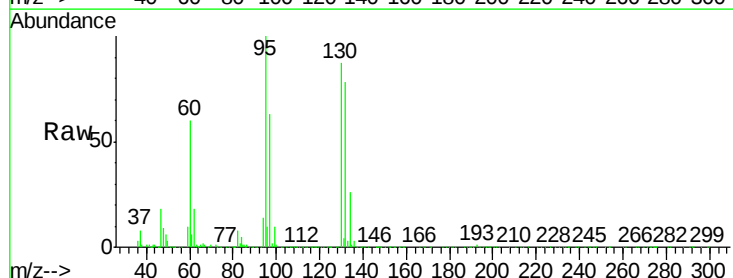
Instrument :
MSVOA_R
ClientSampleId :
E3YC8

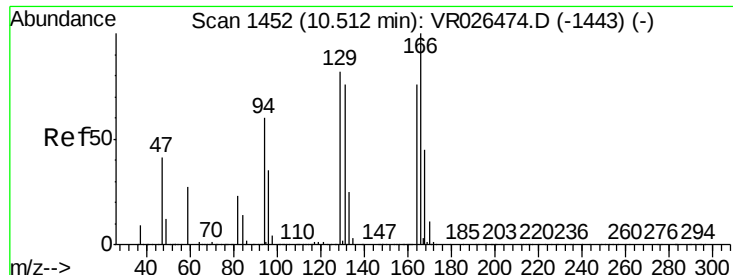
Tot Ion	Ratio	Lower	Upper
97	100		
99	64.9	49.6	74.4
61	55.2	41.8	62.6



#34
Trichloroethene
Concen: 2.188 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR026480.D
Acq: 6 Apr 2019 18:12

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.0	43.8	81.3
132	77.8	57.2	106.2
130	86.6	59.7	110.9





#47

Tetrachloroethene

Concen: 2.292 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026480.D

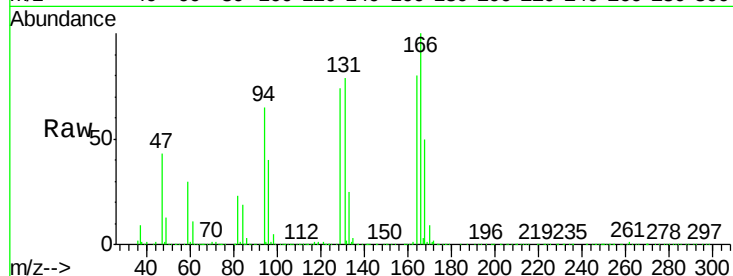
Acq: 6 Apr 2019 18:12

Instrument :

MSVOA_R

ClientSampleId :

E3YC8



Tot Ion:164 Resp: 76835

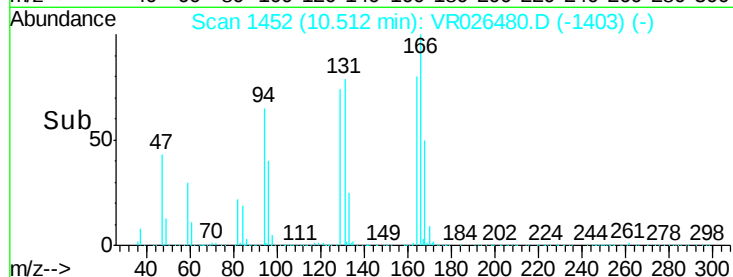
Ion Ratio Lower Upper

164 100

129 92.4 74.1 137.5

131 99.0 71.3 132.5

166 125.7 90.9 168.9



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

